

VDOİHİ

Bağımlı ve Bir Bağımsız
Olasılıklı Büyük Farklı
Dizimli Bağımlı-Bir
Bağımsız Durumlu Simetrisinin
Bağımsız Durumla Başlayan
Dağılımlarda Simetrisiyle
İlişkili Toplam Düzgün
Olmayan Simetrik Olasılık

Cilt 2.2.31.3

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VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Bağımlı-Bir Bağımsız Durumlu Simetrisinin Bağımsız Durumla Başlayan Dağılımlarda Simetrisiyle İlişkili Toplam Düzgün Olmayan Simetrik Olasılık-Cilt 2.2.31.3

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1. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli toplam düzgün olmayan simetrik olasılık 2. Bağımlı-bir bağımsız durumlu simetrisinin toplam düzgün olmayan simetrik olasılığı

Dili: Türkçe + Matematik Mantık

Yazar Hakkında

İsmail YILMAZ; Hamzabey Köyü, Yeniçağa, Bolu'da 1973 yılında doğdu. İlkokulu köyünde tamamladıktan sonra, ortaokulu Yeniçağa ortaokulunda tamamladı. Liseyi Ankara Ömer Seyfettin ve Gazi Çiftliği Liselerinde okudu. Lisans eğitimini Çukurova Üniversitesi Fen Edebiyat Fakültesi Fizik bölümünde ve doktora eğitimini Gazi Üniversitesi Eğitim Bilimleri Enstitüsü Fen Bilgisi Eğitimi Anabilim Dalında tamamladı. Fen Bilgisi Eğitiminde; Newton'un hareket yasaları, elektrik ve manyetizmanın prosedürel ve deklaratif bilgi yapılarıyla birlikte matematik mantık yapıları üzerine çalışmalar yapmıştır. Yazarın farklı alanlarda yapmış olduğu çalışmalar arasında ölçme ve değerlendirmeye yönelik çalışmaları da mevcuttur.

Yazar ve VDOİHİ

Yazar doktora tez çalışmasına kadar, dijital makinalarla sayısallaştırılabilen fakat insan tarafından sayısallaştırılmayan verileri, anlamlı en küçük parça (akp)'larına ayırıp skorlandırarak, sayısallaştırma problemini çözmüştür. Anlamlı en küçük parçaların Türkçe kısaltmasını olasılığın birimlendirilebilir olmasından dolayı, olasılığın birimini akp olarak belirlemiştir. Matematiğinin başlangıcı olasılık olan tüm bağımlı değişkenlerde olabileceği gibi aynı zamanda enformasyonunda temeli olasılık olduğundan, enformasyon içeriğinin de doğal birimi akp'dir.

Verilerin objektif lojik simplisitede sayısallaştırılmasıyla Veri Değişkenleri Olasılık ve İhtimal Hesaplama İstatistiği (VDOİHİ) geliştirilmeye başlanmıştır. Doktora tezinin nitel verilerini, bir ilk olarak, -1, 0, 1 skorlarıyla sayısallaştırarak iki tabanlı olasılığı sınıflandırıp; pozitif, negatif (ve negatiflerdeki pozitif skorlar için ayrıca eşitlik tanımlaması yapıp), ilişkisiz ve sıfır skor aşamalarında değerlendirme yöntemi geliştirmiştir. Bu yöntemin tüm kavramlarının; tanım ve formülleriyle sınırları belirlenip, kendi içinde tam bir matematiği geliştirilip, uygulamalarla veri elde edilmiş, verilerin hem değerlendirmeleri hem de bulguların sözel ifadelerini veren yazılım paket programı yapılarak, bir disiplinin tüm yönleri yazar tarafından gerçekleştirilerek doktorasını bilim tarihinde yine bir ilk ile tamamlamıştır. Nitel verilerden elde edilebilecek bulguların sözel ifadelerini veren yazılım paket programı gerçek ve olması gereken yapay zekanın ilk örneğidir.

Yazar, ölçme araçları için madde tekniği tanımlayıp, değerlendirme yöntemlerini belirginleştirilerek, eğitimde ölçme ve değerlendirme için beş yeni boyut aktiflemiştir. Ölçme ve değerlendirmeye, aktif ve pasif değerlendirme tanımlaması yapılarak, matematiği geliştirilmiş ve geliştirilmeye devam edilmektedir. Yazar yaptığı çalışmalarda Problem Çözüm Tekniklerini (PÇT) aktifleyerek; verilenler-istenilenler (Vİ), serbest cisim diyagramı/çizim (SCD), tanım, formül ve işlem aşamalarıyla, eğitimde ölçme ve değerlendirmede beş boyut daha aktiflemiştir. PÇT aşamalarını bilgi düzeyi, çözümlerin sonucunu da başarı düzeyi olarak tanımlayıp, ölçme ve değerlendirme için iki yeni boyut daha kazandırmıştır. Sınıflandırılmış iki tabanlı olasılık yönteminin aşamaları ve negatiflerdeki pozitiflerle, ölçme ve değerlendirmeye beş yeni boyut daha kazandırılmıştır. Verilerin; Shannon eşitliği veya VDOİHİ'de verilen olasılık-ihtimal eşitlikleriyle değerlendirmeyi bilgi

merkezli, matematiksel fonksiyonlarla (lineer, kuvvet, trigonometri “sin, cos, tan, cot, sinh, cosh, tanh, coth”, ln, log, eksponansiyel v.d.) değerlendirmeyi ise birey merkezli değerlendirme, sınırlandırması getirerek, değerlendirmeye iki yeni boyut daha kazandırmıştır. Ayrıca $\frac{a}{b} + \frac{c}{d}$ ve $\frac{a+c}{b+d}$ matematiksel işlemlerinin anlam ve sonuç farklılıklarını, değerlendirme için aktifleyerek, değerlendirmeye iki yeni boyut daha kazandırmıştır. Böylece eğitimde ölçme ve değerlendirmeye; PÇT aşamaları 5×5 , yine PÇT'nin bilgi ve başarı düzeylerinin 2×2 , sınıflandırılmış iki tabanlı olasılık yöntemi 5×5 , bilgi ve birey merkezli ölçme ve değerlendirmeyle 2×2 , matematiksel işlem farklılıklarıyla 2×2 olmak üzere 40.000 yeni boyut kazandırmıştır. Bu boyutlara yukarıda verilen matematiksel fonksiyonlarında dahil edilmesiyle en az (13×13) 6.760.000 yeni boyutun primitif düzeyde, ölçme ve değerlendirmeye, katılabilmesinin yolu yazar tarafından açılmış olmasına karşılık, günümüze kadar yukarıda bahsedilen boyutların ilgi düzeyinde, eğitimde ölçme ve değerlendirmede, tek boyuttan öteye (lineer değerlendirme) geçirilememiştir. Bu noktadan sonra, ölçme ve değerlendirmeye fark istatistiğiyle boyut kazandırılabilmiştir. Fark istatistiğiyle kazandırılan boyutlarında hem ihtimallerden çıkarılacak yeni boyutlar hem de ihtimallerin fark istatistiğinden türetilebilecek boyutların yanında güdük kalacağı kesin! Ölçme ve değerlendirmeye yeni boyutlar kazandırılmasının en önemli amaçları; beynin öğrenme yapısının kesin bir şekilde belirlenebilmesi ve öğretim süreçlerinin bilimsel bir şekilde yapılandırılabilmesidir. Beynin ilgili VDOİHİ Bağımlı Olasılık Cilt 1'in giriş bölümünde verilenlerin genişletilmesine ileride devam edilecektir. Fakat öğretim süreçlerinin; teorik öngörülerle ve/veya insanın yaratılışına uyma olasılığı son derece düşük doğrusal değerlendirmelerle yapılandırılması, yazar tarafından insanlığa ihanet olarak görüldüğünden, doğru verilerle eğitimin bilimsel niteliklerde yapılandırılabilmesi için, ölçme ve değerlendirmeye yeni boyutlar kazandırılmaktadır.

Günümüze kadar yaşayan dillere 10 kavram bile kazandırabilen hemen hemen yokken, yayınlanan VDOİHİ ciltlerinde (cilt 1, 2.1.1, 2.2.1, 2.3.1 ve 2.3.2) yaklaşık 1000 kavram Türkçeye kazandırılarak ciltlerin dizinlerinde verilmiştir. Bu kavramların tüm sınırları belirlenip, açık ve anlaşılır tanımlarıyla birlikte, eşitlikleri de verilmiştir. Bu düzeyde yani bilimsel düzeyde, bilime kavramlar Türkçe olarak kazandırılmıştır. Yayınlanacak VDOİHİ'lerde bilime Türkçe kazandırılacak kavramların on binler düzeyinde olacağı öngörülmektedir.

VDOİHİ'de verilen eşitlikler aynı zamanda dillerinde eşitlikleridir. Diğer bir ifadeyle dillerin matematik yapıları VDOİHİ ile ortaya çıkarılmıştır. Türkçe ve İngilizcenin olasılık yapıları VDOİHİ'de belirlenerek, formüllerin dillere (ağırlıklı Türkçe) uygulamalarıyla hem dillerin objektif yapıları belirginleştiriliyor hem de makina-insan arası iletişimde, makinaların iletişim kurabilmesinde en üst dil olarak Türkçe geliştiriliyor. İleriki ciltlerde Türkçenin matematik mantık yapısı da verilerek, Türkçe'nin makinaların iletişim dili yapılması öngörülmektedir.

Bilim(de) kesin olanla ilgileni(li)r, yani bilim eşitlik ve/veya yasa üretir veya eşitliklerle konuşur. Bunun mümkün olmadığı durumlarda geçici çözümler üretilebilir. Bu geçici çözümler veya yöntemleri, her hangi bir nedenle bilimsel olamaz. Bilimin yasa veya eşitlik üretimindeki kırılma, Cebirle başlamıştır. Bilimdeki bu kırılma mühendisliğin, teknolojiye

dönüşümünün başlangıcıdır. Bilimdeki kırılma ve mühendisliğin teknolojiye dönüşümü, insanlığın gelişimini hızlandırmakla birlikte, bu alanda çalışanların; ego, öngörüsüzlük, ufuksuzluk ve beceriksizlikleri gibi nedenlerden dolayı, insanlığın gelişimi ivmelendirilemediği gibi bu basiretsizliklerle insanlığa pranga vurmaya bile kısmen başarabilmişlerdir. VDOİHİ ve telifli eserlerinde verilen; değişken belirleme, eşitlik-yasa belirleme ve bunların sözel yorumlarını yapabilen yazılımlarla, ve yapılabilecek benzeri yazılımlarla, insanlığın gelişimi ivmelendirilebileceği gibi isteyen her bireye, gerçeklerin (VDOİHİ Bağımlı Olasılık Cilt 1'in giriş bölümünde tanımlanmıştır) bilgi ve teknolojisine daha kolay ulaşabilme imkanı sağlanmıştır.

Şuana kadar zaruri tüm tanımların, zaruri tüm eşitliklerin ve bunların epistemolojileriyle (0. epistemolojik seviye) en azından 1. epistemolojik seviye bilgilerinin birlikte verildiği ya ilk yada ilk örneklerinden biri VDOİHİ'dir. Bu kapsamda VDOİHİ'de şimdiye kadar yaklaşık 1000 kavramın, bilime kazandırıldığı yukarıda belirtilmiştir. Bu kapsamda yine VDOİHİ'de 5000'in üzerinde orijinal; ilk ve yeni eşitlik geliştirilmiştir. Bu eşitlikler kasıtlı olarak ilk defa dört farklı yapıda birlikte verilmektedir. Bu eşitlikler; a) sabit değişkenli (örneğin; bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitlikleri) b) sabit değişkenli işlem uzunluklu (örneğin; simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitliği) c) hem değişken uzunluklu hem işlem uzunluklu (örneğin; simetrisinin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitliği) d) sabit değişkenli zıt işlem uzunluklu (bu eşitlik VDOİHİ cilt 2.1.3'ten itibaren verilecektir. Örneğin; $\sum_{i=5}^n \mp$) yapılar da verilmektedir. Sabit değişkenli eşitliklerle, bilim ve teknolojiye gereksinimlerin çoğunluğu karşılanabilirken, geleceğin bilim ve teknolojisinde ihtiyaç duyulabilecek eşitlik yapıları kasıtlı olarak aktiflenmiş veya geliştirilmiştir.

İnsanın hem öğrenmesinin desteklenmesi hem de bilginin teknolojiyle ilişkisini kurabilmesi için özellikle VDOİHİ Soru Problem İspat Çözümleri ciltlerinde, soru ve problem birbirinden ayrılarak yeniden tanımlanıp sınırları belirlenmiştir. Böylece örnek, soru, problem ve ispat arasındaki farklılıklar belirginleştirilmiştir. Ayrıca yine insanın hem öğrenmesinin desteklenmesi hem de bilginin teknolojiyle ilişkisini daha kesin kurabilmesi için Sertaç ÖZENLİ'nin İlmî Sohbetler eserinin M5-M6 sayfalarında verilen epistemolojik seviye tanımları; örnek, soru, problem ve ispatlara uyarlanmıştır. Böylece; örnek, soru, problem ve ispatların epistemolojileriyle, hem bilgiyle-öğrenme arasında hem de bilgi-teknoloji arasında yeni bir köprü kurulmuştur.

Geride bıraktığımız yüzyılda, özellikle Turing ve Shannon'un katkılarıyla iki tabanlı olasılığa dayalı dijital teknoloji kurulabilmiştir. Kombinasyon eşitliğiyle iki tabanlı simetrik olasılıklar hesaplanabildiğinden, ihtimalleri de kesin olarak hesaplanabilir. İki tabanlı büyük tabanların; bağımsız olasılık, bağımlı olasılık, bağımlı-bağımsız olasılık, bağımlı-bağımlı olasılık veya bağımsız-bağımsız olasılık dağılımlarındaki simetrik olasılıkları VDOİHİ'ye kadar kesin olarak hesaplanamadığından (hatta VDOİHİ'ye kadar olasılığın sınıflandırılması bile yapılmamış/yapılamamıştır), farklı tabanlarda çalışabilecek elektronik teknolojisi kurulamamıştır. VDOİHİ'de verilen eşitliklerle, hem farklı olasılık dağılımlarında hem de her tabanda simetrik olasılıkların olabilecek her türü, hesaplanabilir kılındığından, ihtimalleri de

kesin olarak hesaplanabilir. Böylece VDOİHİ’de verilen eşitliklerle hem istenilen tabanda hem de istenilen dağılım türlerinde çalışabilecek elektronik teknolojinin temel matematiği kurulmuştur. Bundan sonraki aşama bilginin-ürüne dönüşme aşamasıdır. Ayrıca VDOİHİ’de özellikle uyum eşitlikleri kullanılarak farklı dağılım türlerine geçişin yapılabileceği eşitliklerde verilerek, dijital teknoloji yerine kurulacak her tabanda ve/veya her dağılım türünde çalışan teknolojinin istenildiğinde de hem farklı taban hem de farklı dağılım türlerine geçişinin yapılabileceği matematik eşitlikleri de verilmiştir. Böylece tek bir tabana dayalı dijital teknoloji yerine, sonsuz çalışma prensibine dayalı elektronik teknolojinin bilimsel-matematiksel yapısı VDOİHİ ile kurulmuş ve kurulmaya devam etmektedir.

VDOİHİ’de verilen eşitlikler aynı zamanda en küçük biyolojik birimden itibaren anlamlı temel biyolojik birimin “genetiğin” temel matematiğidir. En küçük biyolojik birim olarak DNA alındığında, VDOİHİ’de verilen eşitlikler DNA, RNA, Protein, Gen ve teknolojilerinin temel eşitlikleridir. Bu eşitlikler VDOİHİ’de teorik düzeyde; DNA, RNA, Protein, Gen ve hastalıklarla ilişkilendirilmektedir. Bu eşitlikler gelecekte atom düzeyinden başlanarak en kompleks biyolojik birimlere kadar tüm biyolojik birimlerin laboratuvar ortamlarında üretiminin planlı ve kontrollü yapılabilmesinde ihtiyaç duyulacak temel eşitliklerdir. Böylece bir canlının, örneğin insanın, atom düzeyinden başlanarak laboratuvar ortamında üretilebilir/yapılabilir kılınmasının, matematiksel yapısı ilk defa VDOİHİ’de verilmektedir. Elbette bir insanın laboratuvar ortamında üretilebilir olmasıyla, bunun gerçekleştirilmesi aynı değildir. Gerçekleştirilebilmesi için dini, etik, ahlaki v.d. aşamalarda da doğru kararların verilmesi gerekir. Fakat organların v.b. biyolojik birimlerin laboratuvar ortamında üretilmesinin önünde benzeri aşamaların engel oluşturduğu söylenemez. İhtiyaç halinde bir insanın; organının, sisteminin veya uzvunun v.b. her yönüyle aynısının laboratuvar ortamında üretilmesi veya soyu tükenmiş bir canlının yeniden üretimi veya soyunun son örneği bir canlı türünün devamı VDOİHİ’de verilen eşitlikler kullanılarak sağlanabilir. Biyolojik bir yapının laboratuvar ortamında üretimiyle, örneğin herhangi bir makinanın üretilmesinin İslam açısından aynı değerli olduğunu düşünüyorum. Bu yaradan’ın bize ulaşabilmemiz için verdiği bilgidir. Eğer ulaşılması istenmeseydi, bizim öyle bir imkanımızda olamazdı. Fakat bilginin, bizim ulaşabileceğimiz bilgi olması, yani gerçeğin bilgisi olması, her zaman ve her durumda uygulanabilir olacağı anlamına gelmez. Umarım yapmak ile yaratmak birbirine karıştırılmaz!

VDOİHİ’de hem sonsuz çalışma prensibine dayalı elektronik teknolojinin matematiksel yapısı hem de Telifli eserlerinde ve VDOİHİ’de, ilk defa yapay zeka çağının kapılarını aralayan çalışmalar yapılmıştır. VDOİHİ cilt 2.1.1’in giriş bölümünde yapay zeka ve çağının tanımı yapılarak, kütüphane ve referans bilgileriyle ilişkilendirilmiştir. Daha sonra VDOİHİ ve Telifli eserlerinde insanlığın gelişimini ivmelendirecek; yapay zeka görev kodları, verilerin analizleriyle ait olduğu disiplinin belirlenmesi, verinin analizinden verilen ve istenilenlerin belirlenmesi, değişken analizi, eksik değişkenlerin belirlenmesi, eksik değişkenlerin verilerinin üretimi, değişkenler arası eşitliklerin kurulması ve elde edilen bilgilerin sözel ifadeleriyle bilim ve teknoloji için gerekli bilgiyi üretebilen yazılımlar verilmiştir. Hem bu yazılımlarla hem de benzeri yazılımlarla, bilim insanları tarafından üretilmeyen bilgi ve teknolojilerin isteyen her kişi tarafından üretilebilir olması sağlanmıştır. Ayrıca kütüphane ve referans bilgilerinin üretiminde, olasılık dağılımları üzerinden çalışan makinaların bir olayın

tüm yönlerini (olasılıklarını) kullanmaları sağlanarak, tıpkı insan gibi düşünebilmesi sağlanmıştır. Böylece makinaların özgürce düşünebilmesinin önündeki engeller kaldırılmıştır. Gerçek yapay zeka pahalı deneylere ihtiyacı ortadan kaldırarak, insanlara yaradan'ın tanıdığı eşitliklerin (matematiksel eşitlik değil!), belirli insanlar tarafından saptırılarak, diğerlerinin eşitlik ve özgürlüklerinin gasp edilmesinin önünde güçlü bir engel teşkil edecektir. Bugüne kadar artificial intelligence çalışmalarıyla sadece ve sadece kütüphane bilgisinin bir kısmı üretilebildiği ve kütüphane bilgisi üretebilen teknoloji geliştirildiğinden, bunlar yapay zekanın öncü çalışmalarından öte geçip yapay zeka konumunda düşünülemez. Gerçek yapay zeka hem kütüphane hem de referans bilgisi üretebilir olması gerektiğinden; a) yazar tarafından doktora tez çalışması başta olmak üzere belirli çalışmalarında kütüphane bilgisinin ileri örnekleri başarıldığından, b) ilk defa VDOİHİ ve Telifli eserlerinde referans bilgisini üreten yazılımlar başarıldığından ve c) yapay zekanın gereksinim duyabileceği dijital teknoloji yerine, sonsuz çalışma prensibine dayalı elektronik teknolojisinin bilimsel-matematiksel yapısı yazar tarafından geliştirildiğinden, insanlığın bugüne kadar uyguladığı teamüller gereği adlandırmanın da Türkçe yapılması elzem ve adil bir zorunluluktur. Bu nedenle insan biyolojisinin ürünü olmayan zeka “yapay zeka” ve insan biyolojisinin ürünü olmayan zekayla insanlığın gelişiminin ivmelendirildiği zaman periyodu da “yapay zeka çağı” olarak adlandırılmalıdır.

Yazar tarafından VDOİHİ’de, Cebirden günümüze; a) bilimsel gelişim, olması gereken veya olabilecek gelişime göre düşük olduğundan, b) teorik çalışmaların omurgasının matematiğe terk edilmesi ve matematikçilerinde üzerlerine düşeni yeterince yerine getirememelerinden dolayı, c) yapay zeka karşısında buhrana düşülmesinin önüne geçilebilmesi ve d) kainatın en kompleks birimi olan insan beynine yakışır bilimsel gelişimin başarılabilmesi için, yasa/eşitliklerin, uyum ve genel yapıları, olasılık üzerinden belirlenmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Simetrik Olasılık Cilt 2.2.1’de insanlığın bilimsel ve teknolojik gelişimini ivmelendirebilecek uyum çağının tanımı yapılarak, VDOİHİ’de ilk defa yasa/eşitliklerin, olasılık eşitlikleri üzerinden uyum yapıları verilmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Simetrik Olasılık Cilt 2.3.1’de insanlığın bilimsel ve teknolojik gelişimini ivmelendirebilecek genel çağın tanımı yapılarak, VDOİHİ’de yasa/eşitliklerin, olasılık eşitlikleri üzerinden genel yapıları verilmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Simetrik Bulunmama Olasılığı Cilt 2.3.2 insanlığın bilimsel ve teknolojik gelişimini ivmelendirebilecek dördüncü bir çağ olarak, gerçek zaman ufku ötesi çağı tanımlanmıştır. Bu çağın tanımlanmasında; Sertaç ÖZENLİ’nin İlmi Sohbetler eserinin R39-R40 sayfalarından yararlanılarak, kapak sayfasındaki ve T21-T22’inci sayfalarında verilen şuuruluğun ork or modelinin özetinin gösterildiği grafikten yararlanılmıştır. Doğada rastlanmayan fakat kuantum sayılarıyla ulaşılabilen atomlara ait bilgilerimiz, gerçek zaman ufku ötesi bilgilerimizin, gerçekleştirilmiş olanlarıdır. Gerçekleştirilebilecek olanlarından biri ise kainatın herhangi bir

yerinde yaşamını sürdüren herhangi bir canlıdan henüz haberdar bile olmadan, var olan genetik bilgi ve matematiğimizle ulaşılabilir olan tüm bilgilerine ulaşılmasıdır.

Özellikle; sonsuz çalışma prensibine dayalı elektronik teknolojisi, yapay zeka, gerçek zaman ufku ötesi bilgilerimizin temel eşitliklerinin verilebilmesi, başlangıçta kurucusu tarafından yapılabileceklerin ilerleyen zamanlarda o disiplinin cazibe merkezine dönüşerek insan kaynaklarının israfının önlenmesi nedenleriyle ve en önemlisi Yaradan'ın bizlere verdiği adaletin insan tarafından saptırılamaması için; VDOİHİ, bugüne kadarki eserlerle kıyaslanamayacak ölçüde daha kapsamlı verilmeye çalışılmaktadır.

Yazar VDOİHİ'nin ciltlerini, Türkçe ve insanlığın tek evrensel dili olan matematik-mantık dillerinde yazmaktadır. Yazar eserlerinden insanlığın aynı niteliklerle yararlanabilmesi için her kişiye eşit mesafede ve anlaşılabilirlikte olan günümüze kadar insanlığın geliştirebildiği yegane evrensel dilde VDOİHİ ciltlerini yazmaya devam edecektir.

VDOİHİ ve telifli eserleri ile bitirilen veya sonu başlatılanlar;

- ✓ VDOİHİ'de dillerin matematiği kurularak, o dil için kendini mihenk taşı gören zavallılar sınıfı
- ✓ Baskın dillerin, dünya dili olabilmesi
- ✓ VDOİHİ ve Telifli eserlerinde verilen eşitlik ve yasa belirleme yazılımlarıyla, gerçeklerden uzak ve ufuksuz sözde akademisyenlere insanlığın tahammülü
- ✓ Bilim ve teknolojide sermayeye olan bağımlılık
- ✓ Sermaye birikiminin gücü
- ✓ Primitif ölçme ve değerlendirme

Sanırım bilgi ve teknolojiye kaderimiz veriyle ilişkilendirilmiş.

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GÜLDÜNYA

Simge ve Kısaltmalar

n : olay sayısı

n : bağımlı olay sayısı

m : bağımsız olay sayısı

n_i : dağılımın ilk bağımlı durumun bulunabileceği olayın, dağılımın ilk olayından itibaren sırası

n_{ik} : simetride, simetrinin aranacağı durumdan önce bulunan bağımlı durumun (j_{ik} 'da bulunan durum), bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların, ilk olaydan itibaren sırası veya simetrinin iki bağımlı durum arasında bağımsız durumun bulunduğu bağımsız durumdan önceki bağımlı durumun, bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların ilk olaydan itibaren sırası

n_s : simetrinin aranacağı bağımlı durumunun (simetrinin sonuncu bağımlı durumu) bulunabileceği olayların ilk olaya göre sırası

n_{sa} : simetrinin aranacağı bağımlı durumunun bulunabileceği olayların ilk olaya göre sırası veya bağımlı olasılıklı dağılımların j_{sa}^a 'da bulunan durumun (simetrinin j_{sa} 'daki bağımlı durum) bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların, dağılımın ilk olayından itibaren sırası

l : bağımsız durum sayısı

I : simetrinin bağımsız durum sayısı

ll : simetrinin bağımlı durumlarından önce bulunan bağımsız durum sayısı

I : simetrinin bağımlı durumlarından sonra bulunan bağımsız durum sayısı

lk : simetrinin bağımlı durumları arasındaki bağımsız durumların sayısı

j : son olaydan/(alt olay) ilk olaya doğru aranılan olayın sırası

j_i : simetrinin son bağımlı durumunun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası

j_{sa}^i : simetriyi oluşturan bağımlı durumlar arasında simetrinin son bağımlı durumunun bulunduğu olayın, simetrinin son olayından itibaren sırası ($j_{sa}^i = s$)

j_{ik} : simetrinin ikinci olayındaki durumun, gelebileceği olasılık dağılımlarındaki olayın sırası (son olaydan ilk olaya doğru) veya simetride, simetrinin aranacağı durumdan önce bulunan bağımlı durumun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası veya simetrinin iki bağımlı durum arasında bağımsız durumun bulunduğu bağımsız durumdan önceki bağımlı durumun bağımlı olasılıklı dağılımlarda bulunabileceği olayların son olaydan itibaren sırası

j_{sa}^{ik} : j_{ik} 'da bulunan durumun simetriyi oluşturan bağımlı durumlar arasında bulunduğu olayın son olaydan itibaren sırası

$j_{X_{ik}}$: simetrinin ikinci olayındaki durumun, olasılık dağılımlarının son olaydan itibaren bulunabileceği olayın sırası

j_s : simetrisinin ilk bağımlı durumunun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası

j_{sa}^s : simetriyi oluşturan bağımlı durumlar arasında simetrisinin ilk bağımlı durumunun bulunduğu olayın, simetrisinin son olayından itibaren sırası ($j_{sa}^s = 1$)

j_{sa} : simetriyi oluşturan bağımlı durumlar arasında simetrisinin aranacağı durumun bulunduğu olayın, simetrisinin son olayından itibaren sırası

j^{sa} : j_{sa} 'da bulunan durumun bağımlı olasılıklı dağılımda bulunduğu olayın son olaydan itibaren sırası

D : bağımlı durum sayısı

D_i : olayın durum sayısı

s : simetrisinin bağımlı durum sayısı

s : simetrik durum sayısı. Simetrisinin bağımlı ve bağımsız durum sayısı

n_s : simetrisinin bağımlı olay sayısı

m_I : simetrisinin bağımsız olay sayısı

d : seçim içeriği durum sayısı

m : olasılık

M : olasılık dağılım sayısı

U : uyum eşitliği

u : uyum derecesi

s_i : olasılık dağılımı

S : simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu simetrik olasılık

S^{IS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk simetrik olasılık

S^{ISS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün simetrik olasılık

S^{ISO} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün olmayan simetrik olasılık

S^{DST} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek kalan simetrik olasılık

S^{DSTT} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek kalan düzgün simetrik olasılık

S^{DOST} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek kalan düzgün olmayan simetrik olasılık

S^{DS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu kalan simetrik olasılık

S^{DSS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu kalan düzgün simetrik olasılık

S^{DOS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu kalan düzgün olmayan simetrik olasılık

S^{DSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam düzgün simetrik olasılık

S^{DOSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam düzgün olmayan simetrik olasılık

$S_{j_s, j_{ik}, j^{sa}}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i, j_s, j_{ik}, j^{sa}}$: düzgün ve düzgün olmayan simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{j_s, j_{ik}, j_i} : simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i, j_s, j_{ik}, j_i} : düzgün ve düzgün olmayan simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{D=n}$: bağımlı olay sayısı bağımlı durum sayısına eşit bağımlı olasılıklı "farklı dizilimli" dağılımlarda simetrik olasılık

$S_{D>n}$: bağımlı olay sayısı bağımlı durum sayısından büyük bağımlı olasılıklı "farklı dizilimli" dağılımlarda simetrik olasılık

$D=n < n S \equiv S$: simetri bağımlı durumlardan oluştuğunda, bağımlı ve bir bağımsız olasılıklı dağılımlarda simetrik olasılık

S_0 : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız simetrik olasılık

S_0^{IS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk simetrik olasılık

S_0^{ISS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün simetrik olasılık

S_0^{ISO} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık

S_0^{DST} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız tek kalan simetrik olasılık

S_0^{DSS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız tek kalan düzgün simetrik olasılık

S_0^{DOST} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık

S_0^{DS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız kalan simetrik olasılık

S_0^{DSS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız kalan düzgün simetrik olasılık

S_0^{DOS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız kalan düzgün olmayan simetrik olasılık

S_0^{DSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam düzgün simetrik olasılık

S_0^{DOSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam düzgün olmayan simetrik olasılık

S_D : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı simetrik olasılık

S_D^{IS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı ilk simetrik olasılık

S_D^{ISS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı ilk düzgün simetrik olasılık

S_D^{ISO} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı ilk düzgün olmayan simetrik olasılık

S_D^{DST} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı tek kalan simetrik olasılık

S_D^{DSSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı tek kalan düzgün simetrik olasılık

S_D^{DOST} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı tek kalan düzgün olmayan simetrik olasılık

S_D^{DS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı kalan simetrik olasılık

S_D^{DSS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı kalan düzgün simetrik olasılık

S_D^{DOS} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı kalan düzgün olmayan simetrik olasılık

S_D^{DSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda bağımlı toplam düzgün simetrik olasılık

S_D^{DOSD} : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumda

bağımlı toplam düzgün olmayan simetrik olasılık

${}_0S$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda simetrik olasılık

${}_0S^{IS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda ilk simetrik olasılık

${}_0S^{ISS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda ilk düzgün simetrik olasılık

${}_0S^{ISO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda ilk düzgün olmayan simetrik olasılık

${}_0S^{DST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda tek kalan simetrik olasılık

${}_0S^{DSSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda tek kalan düzgün simetrik olasılık

${}_0S^{DOST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda tek kalan düzgün olmayan simetrik olasılık

${}_0S^{DS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda kalan simetrik olasılık

${}_0S^{DSS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda kalan düzgün simetrik olasılık

${}_0S^{DOS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumda kalan düzgün olmayan simetrik olasılık

${}_0S^{DSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu toplam düzgün simetrik olasılık

${}_0S^{DOSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu toplam düzgün olmayan simetrik olasılık

${}_0S_0$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız simetrik olasılık

${}_0S_0^{IS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk simetrik olasılık

${}_0S_0^{ISS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün simetrik olasılık

${}_0S_0^{ISO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik olasılık

${}_0S_0^{DST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız tek kalan simetrik olasılık

${}_0S_0^{DSST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız tek kalan düzgün simetrik olasılık

${}_0S_0^{DOSST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık

${}_0S_0^{DS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız kalan simetrik olasılık

${}_0S_0^{DSS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız kalan düzgün simetrik olasılık

${}_0S_0^{DOS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız kalan düzgün olmayan simetrik olasılık

${}_0S_0^{DSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam düzgün simetrik olasılık

${}_0S_0^{DOSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam düzgün olmayan simetrik olasılık

${}_0S_D$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı simetrik olasılık

${}_0S_D^{IS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk simetrik olasılık

${}_0S_D^{ISS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün simetrik olasılık

${}_0S_D^{ISO}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik olasılık

${}_0S_D^{DST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan simetrik olasılık

${}_0S_D^{DSST}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün simetrik olasılık

bağımsız durumlu kalan düzgün simetrik olasılık

${}^0S^{DOS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bir bağımlı-bir bağımsız durumlu kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bir bağımsız durumlu kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımsız-bağımsız durumlu kalan düzgün olmayan simetrik olasılık

${}^0S^{DSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bir bağımlı-bir bağımsız durumlu toplam düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bir bağımsız durumlu toplam düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bağımsız durumlu toplam düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımsız-bağımsız durumlu toplam düzgün simetrik olasılık

${}^0S^{DOSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bir bağımlı-bir bağımsız durumlu toplam düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bir bağımsız durumlu toplam

düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bir bağımlı-bağımsız durumlu toplam düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bağımsız durumlu toplam düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımsız-bağımsız durumlu toplam düzgün olmayan simetrik olasılık

0S_0 : bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bir bağımlı-bir bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bir bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bir bağımlı-bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı-bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımsız-bağımsız durumlu bağımsız simetrik olasılık

${}^0S_0^{IS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı bir bağımlı-bir bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı bağımlı-bir bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı bir bağımlı-bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı bağımlı-bağımsız bağımsız ilk simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli bağımlı bağımsız-bağımsız bağımsız ilk simetrik olasılık

bağımsız durumlu bağımlı kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı kalan düzgün olmayan simetrik olasılık

${}^0S_D^{DSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam düzgün simetrik olasılık

${}^0S_D^{DOSD}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-

bağımsız durumlu bağımlı toplam düzgün olmayan simetrik olasılık

S_{j_i} : simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{2,j_i} : iki durumlu simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i,j_i} : düzgün ve düzgün olmayan simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i,2,j_i}$: düzgün ve düzgün olmayan iki durumlu simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{j_s,j_i} : simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i,j_s,j_i} : düzgün ve düzgün olmayan simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i,2,j_s,j_i}$: düzgün ve düzgün olmayan iki durumlu simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{j_s,j^{sa}}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{i,j_s,j^{sa}}$: düzgün ve düzgün olmayan simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{j_k, j_i} : simetrinin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

S_{i, j_k, j_i} : düzgün ve düzgün olmayan simetrinin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık

$S_{j, sa \Leftarrow}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j, sa}^{DSD}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{art, j, sa \Leftarrow}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s, art, j, sa \Leftarrow}$: simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s, j_i \Leftarrow}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

S_{j_s, j_i}^{DSD} : simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{j_s, j, sa \Leftarrow}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s, j, sa}^{DSD}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{j_k, j, sa \Leftarrow}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_k, j, sa}^{DSD}$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{j_s, j_k, j, sa \Leftarrow}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s, j_k, j, sa}^{DSD}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{\Leftarrow, j_s, j_k, j, sa \Leftarrow}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j_s, j_k, j_i \Leftarrow}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

S_{j_s, j_k, j_i}^{DSD} : simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik olasılık

$S_{\Leftarrow, j_s, j_k, j_i \Leftarrow}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

$S_{j, sa \Rightarrow}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{artj^{sa}\Rightarrow}$: simetrisinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,artj^{sa}\Rightarrow}$: simetrisinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j_i\Rightarrow}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j^{sa}\Rightarrow}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_{ik},j^{sa}\Rightarrow}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j_{ik},j^{sa}\Rightarrow}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j_{ik},j^{sa}\Rightarrow}^{DOSD}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{\Rightarrow j_s,j_{ik},j^{sa}\Rightarrow}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j_{ik},j_i\Rightarrow}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j_{ik},j_i\Rightarrow}^{DOSD}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre

bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{\Rightarrow j_s,j_{ik},j_i\Rightarrow}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım olasılığı

$S_{j_s,j^{sa}\Leftrightarrow}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,j^{sa}\Leftrightarrow}^{DOSD}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{artj^{sa}\Leftrightarrow}$: simetrisinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,artj^{sa}\Leftrightarrow}$: simetrisinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,j_i\Leftrightarrow}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,j_i\Leftrightarrow}^{DOSD}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{j_s,j^{sa}\Leftrightarrow}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_s,j^{sa}\Leftrightarrow}^{DOSD}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

$S_{j_{ik},j^{sa}\Leftarrow}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı olasılığı

$S_{j_{ik},j^{sa}}^{DOSD}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

S_{BBj_i} : bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımlı durumun simetrisinin son durumuna bağlı simetrik olasılık

$S_{BBj^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin bir bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_{ik},j^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin iki bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk ve herhangi bir bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j_i\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk ve son bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j_{ik},j^{sa}\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk ve herhangi iki bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj_s,j_{ik},j_i\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk herhangi

bir ve son bağımlı durumuna bağlı simetrik bitişik olasılık

$S_{BBj^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin bir bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_{ik},j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin art arda iki bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_s,j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk ve herhangi bir bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_s,j_i\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk ve son bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_{ik},j_i,2}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın simetrisinin iki bağımlı durumunun simetrik olasılığı

$S_{BBj_s,j_{ik},j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk ve herhangi iki bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_s,j_{ik},j_i\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrisinin ilk herhangi bir ve son bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BB(j_{ik})_z,(j_i)_z}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın simetrisinin durumlarının bulunabileceği olaylara göre simetrik olasılık

S^B : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu simetrik bulunmama olasılığı

$S^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk simetrik bulunmama olasılığı

$S^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün simetrik bulunmama olasılığı

$S^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılığı

$S^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek kalan simetrik bulunmama olasılığı

$S^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek kalan düzgün simetrik bulunmama olasılığı

$S^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek kalan düzgün olmayan simetrik bulunmama olasılığı

$S^{DS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu kalan simetrik bulunmama olasılığı

$S^{DSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu kalan düzgün simetrik bulunmama olasılığı

$S^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu kalan düzgün olmayan simetrik bulunmama olasılığı

$S^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam düzgün simetrik bulunmama olasılığı

$S^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam düzgün olmayan simetrik bulunmama olasılığı

S_0^B : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız simetrik bulunmama olasılığı

$S_0^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk simetrik bulunmama olasılığı

$S_0^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı

$S_0^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı

$S_0^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız tek kalan simetrik bulunmama olasılığı

$S_0^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı

$S_0^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız tek kalan düzgün olmayan simetrik bulunmama olasılığı

$S_0^{DS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu

bağımsız kalan simetrik bulunmama olasılığı

$S_0^{DSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız kalan düzgün simetrik bulunmama olasılığı

$S_0^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız kalan düzgün olmayan simetrik bulunmama olasılığı

$S_0^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam düzgün simetrik bulunmama olasılığı

$S_0^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam düzgün olmayan simetrik bulunmama olasılığı

S_D^B : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumun bağımlı simetrik bulunmama olasılığı

$S_D^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk simetrik bulunmama olasılığı

$S_D^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı

$S_D^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı

$S_D^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı tek kalan simetrik bulunmama olasılığı

$S_D^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı

$S_D^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı

$S_D^{DS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı kalan simetrik bulunmama olasılığı

$S_D^{DSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı kalan düzgün simetrik bulunmama olasılığı

$S_D^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı

$S_D^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı

$S_D^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı

S_D^B : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu simetrik bulunmama olasılığı

$S_D^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk simetrik bulunmama olasılığı

$S_D^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı

bb

durumlu ilk düzgün simetrik bulunmama olasılığı

${}_0S^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu tek kalan simetrik bulunmama olasılığı

${}_0S^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu tek kalan düzgün simetrik bulunmama olasılığı

${}_0S^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu kalan simetrik bulunmama olasılığı

${}_0S^{DSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu kalan düzgün simetrik bulunmama olasılığı

${}_0S^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu toplam düzgün simetrik bulunmama olasılığı

${}_0S^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-

bağımlı durumlu toplam düzgün olmayan simetrik bulunmama olasılığı

${}_0S^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız simetrik bulunmama olasılığı

${}_0S^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk simetrik bulunmama olasılığı

${}_0S^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün simetrik bulunmama olasılığı

${}_0S^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız tek kalan simetrik bulunmama olasılığı

${}_0S^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı

${}_0S^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız kalan simetrik bulunmama olasılığı

${}_0S_0^{DSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız kalan düzgün simetrik bulunmama olasılığı

${}_0S_0^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_0^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam düzgün simetrik bulunmama olasılığı

${}_0S_0^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı simetrik bulunmama olasılığı

${}_0S_D^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk simetrik bulunmama olasılığı

${}_0S_D^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı

${}_0S_D^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan simetrik bulunmama olasılığı

${}_0S_D^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı

${}_0S_D^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{DS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı kalan simetrik bulunmama olasılığı

${}_0S_D^{DSS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı kalan düzgün simetrik bulunmama olasılığı

${}_0S_D^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı

${}_0S_D^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı

${}_0S^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız

bağımsız toplam düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız toplam düzgün olmayan simetrik bulunmama olasılığı

${}^0S_D^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı simetrik bulunmama olasılığı

${}^0S_D^{IS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk simetrik bulunmama olasılığı

${}^0S_D^{ISS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk düzgün simetrik bulunmama olasılığı

${}^0S_D^{ISO,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ilk düzgün olmayan simetrik bulunmama olasılığı

${}^0S_D^{DST,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı tek kalan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı

olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı kalan düzgün simetrik bulunmama olasılığı

${}^0S_D^{DOS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı kalan düzgün olmayan simetrik bulunmama olasılığı

${}^0S_D^{DSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam düzgün simetrik bulunmama olasılığı

${}^0S_D^{DOSD,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam düzgün olmayan simetrik bulunmama olasılığı

${}^1S_1^1$: bir olay için bir durumun tek simetrik olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı durumun bağımlı tek simetrik olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bir bağımlı durumun tek simetrik olasılığı

${}^1S_1^{1,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bir bağımlı durumun tek simetrik bulunmama olasılığı

${}^1_1S_1^1$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir dizilimin bağımlı tek simetrik olasılık

${}^1_D S_1^1$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bağımlı tek simetrik olasılık

${}^1_0 S_1^1$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bağımsız tek simetrik olasılık

${}_0^1S_1^{1,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir olay için bağımsız tek simetrik bulunmama olasılığı

${}_{0,1}^1S_1^1$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir dizilimin bağımsız tek simetrik olasılığı

${}_{0,1t}^1S_1^1$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı durumun bağımsız tek simetrik olasılığı

${}_{0,T}^1S_1^1$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımın başladığı duruma göre tek simetrik olasılık

S_T : toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu toplam simetrik olasılık

1S : tek simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek simetrik olasılık

${}^1S^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu tek simetrik bulunmama olasılığı

${}_0S^{BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte simetrik olasılık

${}_0S^{iS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk simetrik olasılık

${}_0S^{DST,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte tek kalan simetrik olasılık

${}_0S^{DS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte kalan simetrik olasılık

${}_0S^{iSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün simetrik olasılık

${}_0S^{DSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte tek kalan düzgün simetrik olasılık

${}_0S^{DSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte kalan düzgün simetrik olasılık

${}_0S^{DSD,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte toplam düzgün simetrik olasılık

${}_0S^{iSO,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün olmayan simetrik olasılık

${}_0S^{DOST,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte tek kalan düzgün olmayan simetrik olasılık

${}_0S^{DOS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte kalan düzgün olmayan simetrik olasılık

${}_0S^{DOSD,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte toplam düzgün olmayan simetrik olasılık

${}_0S_0^{BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte simetrik olasılık

${}_0S_0^{iS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk simetrik olasılık

${}_0S_0^{DST,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte tek kalan simetrik olasılık

${}_0S_0^{DS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte kalan simetrik olasılık

${}_0S_0^{ISS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün simetrik olasılık

${}_0S_0^{DSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte tek kalan düzgün simetrik olasılık

${}_0S_0^{DSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte kalan düzgün simetrik olasılık

${}_0S_0^{DSD,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte toplam düzgün simetrik olasılık

${}_0S_0^{ISO,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün olmayan simetrik olasılık

${}_0S_0^{DOST,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte tek kalan düzgün olmayan simetrik olasılık

${}_0S_0^{DOS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte kalan düzgün olmayan simetrik olasılık

${}_0S_0^{DOSD,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte toplam düzgün olmayan simetrik olasılık

${}_0S_D^{BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte simetrik olasılık

${}_0S_D^{IS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk simetrik olasılık

${}_0S_D^{DST,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte tek kalan simetrik olasılık

${}_0S_D^{DS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte kalan simetrik olasılık

${}_0S_D^{ISS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün simetrik olasılık

${}_0S_D^{DSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte tek kalan düzgün simetrik olasılık

${}_0S_D^{DSS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte kalan düzgün simetrik olasılık

${}_0S_D^{DSD,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte toplam düzgün simetrik olasılık

${}_0S_D^{ISO,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün olmayan simetrik olasılık

${}_0S_D^{DOST,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte tek kalan düzgün olmayan simetrik olasılık

${}_0S_D^{DOS,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte kalan düzgün olmayan simetrik olasılık

${}_0S_D^{DOSD,BS}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı

birlikte toplam düzgün olmayan simetrik olasılık

$S_{0,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımsız toplam simetrik olasılık

$S_{D,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumlu bağımlı toplam simetrik olasılık

${}_0S_T$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu toplam simetrik olasılık

${}_0S_{0,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam simetrik olasılık

${}_0S_{D,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumlu bağımlı toplam simetrik olasılık

0S_T : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu toplam simetrik olasılık

${}^0S_{0,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız toplam simetrik olasılık eşitliği veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu

bağımsız toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız toplam simetrik olasılık

${}^0S_{D,T}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam simetrik olasılık

${}_0S^{BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte simetrik bulunmama olasılığı

${}_0S^{IS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk simetrik bulunmama olasılığı

${}_0S^{DST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte tek kalan simetrik bulunmama olasılığı

${}_0S^{DS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte kalan simetrik bulunmama olasılığı

${}_0S^{ISS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün simetrik bulunmama olasılığı

${}_0S^{DSST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte tek kalan düzgün simetrik bulunmama olasılığı

${}_0S^{DSS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte kalan düzgün simetrik bulunmama olasılığı

${}_0S^{DSD,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte toplam düzgün simetrik bulunmama olasılığı

${}_0S^{ISO,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DOST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DOS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{DOSD,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte toplam düzgün olmayan simetrik bulunmama olasılığı

${}_0S^{BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte simetrik bulunmama olasılığı

${}_0S^{IS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk simetrik bulunmama olasılığı

${}_0S_0^{DST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte tek kalan simetrik bulunmama olasılığı

${}_0S_0^{DS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte kalan simetrik bulunmama olasılığı

${}_0S_0^{ISS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün simetrik bulunmama olasılığı

${}_0S_0^{DSST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte tek kalan düzgün simetrik bulunmama olasılığı

${}_0S_0^{DSS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte kalan düzgün simetrik bulunmama olasılığı

${}_0S_0^{DSD,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte toplam düzgün simetrik bulunmama olasılığı

${}_0S_0^{ISO,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S_0^{DOST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_0^{DOS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_0^{DOSD,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte toplam düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte simetrik bulunmama olasılığı

${}_0S_D^{IS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk simetrik bulunmama olasılığı

${}_0S_D^{DST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte tek kalan simetrik bulunmama olasılığı

${}_0S_D^{DS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte kalan simetrik bulunmama olasılığı

${}_0S_D^{ISS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte ilk düzgün simetrik bulunmama olasılığı

${}_0S_D^{DSST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte tek kalan düzgün simetrik bulunmama olasılığı

${}_0S_D^{DSS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte kalan düzgün simetrik bulunmama olasılığı

${}_0S_D^{DSD,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte toplam düzgün simetrik bulunmama olasılığı

${}_0S_D^{ISO,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı

birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{DOST,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{DOS,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte kalan düzgün olmayan simetrik bulunmama olasılığı

${}_0S_D^{DOSD,BS,B}$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı birlikte toplam düzgün olmayan simetrik bulunmama olasılığı

S_T^B : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumu toplam simetrik bulunmama olasılığı

$S_{0,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumu bağımsız toplam simetrik bulunmama olasılığı

$S_{D,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı durumu bağımlı toplam simetrik bulunmama olasılığı

${}_0S_T^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumu toplam simetrik bulunmama olasılığı

${}_0S_{0,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumu bağımsız toplam simetrik bulunmama olasılığı

${}_0S_{D,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımlı durumu bağımlı toplam simetrik bulunmama olasılığı

${}^0S_T^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu toplam simetrik bulunmama olasılığı

${}^0S_{0,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımsız toplam simetrik bulunmama olasılığı

${}^0S_{D,T}^B$: bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı ve bir bağımsız olasılıklı büyük

farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumlu bağımlı toplam simetrik bulunmama olasılığı

DURUM SAYISI OLAY SAYISINDAN KÜÇÜK DAĞILIMLAR

E

Durum Sayısı Olay Sayısından Küçük veya Bağımlı ve Bir Bağımsız Olasılık Dağılımları

E1 Farklı Dizilimli

- Olasılık
- Olasılık Dağılım Sayısı
- Simetri Hesabı
- Olasılık Dağılımları

E2 Farklı Dizilimsiz

- Olasılık
- Olasılık Dağılım Sayısı
- Simetri Hesabı
- Olasılık Dağılımları

Bir önceki bölümde bağımlı durum sayısı bağımlı olay sayısına eşit ve bağımsız olasılıklı bir dağılımla oluşturulabilecek dağılımların, olasılık dağılım sayısı, olasılık ve simetrik olasılıkları incelendi. Bağımlı durum sayısı bağımlı olay sayısına eşit olduğunda farklı dizilimsiz bir dağılım elde edilebileceğinden ve bu dağılımın bağımsız olasılıklı bir dağılımıyla elde edilebilecek farklı dizilimsiz olasılık dağılımları farklı dizilimli bir dağılım ve bağımsız olasılıklı bir dağılıma eşit olacağından farklı dizilimsiz dağılımlar incelenmedi. Bu bölümde ise bağımlı durum sayısı bağımlı olay sayısından

büyük ve bağımsız olasılıklı bir dağılımla (bağımlı durumlardan farklı bir durumun bağımsız olasılıklı seçimiyle) oluşturulabilecek dağılımlar, farklı dizilimli ve farklı dizilimsiz dağılımlarla incelenecektir. Bölüm D'de olduğu gibi bu bölümün de hem farklı dizilimli hem de farklı dizilimsiz dağılımlarının seçim içeriği durum sayısı bir ($d = 1$) olan dağılımların, bağımlı ve bir bağımsız olasılıklı dağılımları incelenecektir. Bu dağılımlar, bağımsız olasılıklı dağılımların bir dağılımıyla (aynı bağımsız durumun) veya bağımlı durumlardan farklı bir durumun bağımsız olasılıklı seçimiyle elde edilebildiğinden, bir bağımsız olasılıklı denilecektir. Bu bölümü, bir önceki bölümden ayırabilmek için farklı dizilimli dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek dağılımların tanımlamalarında *bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli* tanımlaması kullanılacaktır. Farklı dizilimsiz dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek dağılımların tanımlamalarında ise *bağımlı ve bir bağımsız olasılıklı farklı dizilimsiz* tanımlaması kullanılacaktır. Bu bölümün hem farklı dizilimli hem farklı dizilimsiz dağılımlarında da durum sayısı (bağımlı) olay sayısından küçük ($D < n$) olabilir. Fakat böyle bir sınırlama yoktur, çünkü bağımlı ve bir bağımsız olasılıklı büyük dağılımlar, bağımlı durumların kendinden daha az bağımlı olaya dağılımı ve bir bağımsız olasılıklı dağılımla elde edilebilen dağılımlardır. Durum sayısı olay sayısından büyük olduğunda yine durum sayısı olay sayısından küçük dağılımlar tanımlaması kullanılacaktır. Bu bölüm iki farklı alt bölümde verilecektir. Farklı dizilimli dağılımlar E1 alt bölümünde, farklı dizilimsiz dağılımlar ise E2 alt bölümünde incelenecektir. Her iki alt bölüm eşitliklerinin çıkarılmasında VDOİHİ'nin önceki bölümlerinde verilen eşitliklerden yararlanılarak yeni eşitlikler elde edilebilecektir.

E1

Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Dağılımlar

- Olasılık
- Olasılık Dağılım Sayısı
- Simetri Hesabı
- Olasılık Dağılımları

BAĞIMLI ve BİR BAĞIMSIZ OLASILIKLI BÜYÜK FARKLI DİZİLİMLİ DAĞILIMLAR

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlar, bağımlı durumların kendi sayılarından az bağımlı olaylara yapılabilecek her bir dağılımının bir bağımsız olasılıklı dağılımıyla veya durum sayısından büyük olaylara dağılımıyla elde edilebilir. Aynı dağılımlar, durumlardan birinin bağımsız olaylara bağımsız olasılıklı seçimi ve kalan durumların, kendi sayılarından az bağımlı olaya bağımlı olasılıklı farklı dizilimli seçimiyle de elde edilebilir. Bu dağılımlardaki bağımlı olasılıklı durumlar her bir

dağılımda yalnız bir defa bulunabilir. Bu dağılımlar farklı dizilimli dağılımla elde edilebileceğinden, simetrik olasılıklarla ters simetrik olasılıklar bir birine eşit olur. Toplam simetrik olasılık, simetrik ve ters simetrik olasılığın toplamına eşit olacağından, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda da toplam simetrik olasılık; simetrik ve ters simetrik olasılıkların toplamına eşit olur.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, bağımsız olasılıklı dağılımlar içerisindeki özel dağılımlardır. Bu bölümde çıkarılacak eşitlikler özellikle yapay zeka ve genetik uygulamalarında yaygın kullanımı olabilir. Bu alt bölümün eşitlik ve tanımlamaları, önceki bölümlerde izlenen sıralamada verilecektir.

Bu bölümde, yapılacak her bir seçimde bir durumun belirlenebileceği *bağımlı durum sayısı bağımlı olay sayısından büyük* ($D > n$ ve " n : bağımlı olay sayısı") seçimlerle elde edilebilecek, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlar incelenecektir. Bu dağılımlarda bulunabilecek simetrik durumlar, dağılımın başladığı durumlara göre ayrı ayrı incelenecektir. Bağımsız durumla başlayan dağılımlar, bağımsız durumdan/lardan sonraki ilk bağımlı durumuna (olasılık dağılımında soldan sağa ilk bağımlı durum) göre sınıflandırılacak ve aynı yöntemle simetri bağımsız durumla başladığında, simetrisinin başladığı bağımlı durum belirlenecektir.

Olasılık dağılımları; simetrisinin başladığı bağımlı durumla başlayan dağılımlar, simetride bulunmayan bir bağımlı durumla başlayan dağılımlar ve simetride bulunmayan bağımlı durumlarla başlayan dağılımlar olarak sınıflandırılır. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, bağımlı olasılıklı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda olduğu gibi simetride bulunan bağımlı durumlarla başlayan dağılımlardan sadece simetrisinin ilk bağımlı durumuyla başlayan dağılımlarda simetrik durumlar bulunabilir.

Olasılık dağılımları ilk bağımlı durumuna göre sınıflandırılacağından, aynı bağımlı durumla başlayan olasılık dağılımları, iki farklı dağılım türünden oluşabilir. Bu dağılım türleri, bağımsız durumla başlayan dağılımlar ve bağımlı durumla başlayan dağılımlardır. Bağımsız durumla başlayan dağılımların ilk bağımlı durumu, simetrisinin ilk bağımlı durumu olan dağılımlar, simetrisinin ilk bağımlı durumuyla başlayan dağılımlar olarak alınır. Eğer bağımsız durumla başlayan dağılımların ilk bağımlı durumu, simetride bulunmayan aynı bir bağımlı durum olan dağılımlar, simetride bulunmayan bir bağımlı durumla başlayan dağılımlar olarak alınır. Yada bağımsız durumla başlayan dağılımların ilk bağımlı durumu, simetride bulunmayan bağımlı durumlar olan dağılımların tamamı, simetride bulunmayan bağımlı durumlarla başlayan dağılımlar olarak alınır. Bağımlı durumla başlayan dağılımlardan, ilk bağımlı durum, simetrisinin ilk bağımlı durumu olan dağılımlar, simetrisinin ilk bağımlı durumuyla başlayan dağılımlara dahil edilir. Eğer olasılık dağılımlarından, ilk bağımlı durumu, simetride bulunmayan aynı bağımlı durum olan dağılımlar, simetride bulunmayan bir bağımlı durumla başlayan dağılımlara dahil edilir. Eğer olasılık dağılımlarından, ilk bağımlı durumu, simetride bulunmayan bağımlı durumlar olan dağılımların tümü, simetride bulunmayan bağımlı durumlarla başlayan dağılımlara dahil edilir. Bu iki dağılım türü ilk bağımlı durumlarına göre aynı bağımlı durumlu dağılımları oluşturur. Bu bölümde de iki dağılım türü de aynı bağımlı durumla başlayan dağılımlar altında hem birlikte hem de ayrı ayrı incelenecektir.

Simetri, bağımlı ve/veya bağımsız durumlarının bulunabileceği sıralamaya göre sınıflandırılır. Simetri durumlarına göre; bağımlı durumla başlayıp bağımlı durumla biten (bağımlı-bağımlı veya sadece bağımlı durumlu), bağımsız durumla başlayıp bağımlı durumla biten (bağımsız-bağımlı), bir bağımlı durumla başlayıp bir bağımsız durumla biten (bir bağımlı-bir bağımsız), bağımlı durumla başlayıp bir bağımsız durumla biten (bağımlı-bir bağımsız), bir bağımlı durumla başlayıp bağımsız durumla biten (bir bağımlı-bağımsız), bağımlı durumla başlayıp bağımsız durumla biten (bağımlı-bağımsız) ve bağımsız durumla başlayıp bağımlı durumları bulunup bağımsız durumla biten (bağımsız-bağımlı-bağımsız veya bağımsız-bağımsız) yedi farklı simetri incelemesi ayrı ayrı yapılacaktır.

Simetri, durumlarının bulunduğu sıralamaya göre sınıflandırılarak, hem olasılık dağılımlarının başladığı durumlara göre hem de bunların bağımsız durumla başlayan dağılımları ve bağımlı durumla başlayan dağılımlarına göre; simetrik, düzgün simetrik ve düzgün olmayan simetrik olasılıklar olarak incelenecektir. Bu simetrik olasılıkların inceleneceği ciltlerde birlikte simetrik olasılık eşitlikleri de verilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli dağılımlardaki, simetrik ve düzgün simetrik olasılık eşitlikleri hem olasılık dağılım tablo değerlerinden hem de teorik yöntemle çıkarılabilir. Bu bölümde bir önceki bölümün eşitliklerinin çıkarılmasında izlenen yöntemle yeni eşitlikler çıkarılabileceği gibi bir önceki bölümün eşitliklerinin uyum eşitlikleriyle çarpımı kullanılarak da eşitlikler teorik olarak çıkarılabilecektir. Böylece formül çıkarmada kullanılan yöntem genişletilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli dağılımlardaki, düzgün olmayan simetrik olasılıklar ise sadece teorik yöntemlerle çıkarılacaktır. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli dağılımların inceleneceği ciltlerde, bulunmama olasılıklarının eşitlikleri için sadece çıkarılabileceği eşitlikler verilecektir.

OLASILIK DAĞILIMLARINDA DÜZGÜN OLMAYAN SİMETRİK OLASILIK

Simetrik olasılık; düzgün simetrik durumların bulunduğu dağılımlar ile düzgün olmayan simetrik durumların bulunduğu dağılımların toplamı veya düzgün simetrik olasılık ile düzgün olmayan simetrik olasılıkların toplamıdır. Düzgün simetrik olasılık, olasılık dağılımlarında simetrisinin durumları arasında farklı bir durum bulunmayan ve aynı sayıda bağımsız durum bulunan dağılımların sayısına veya simetrisinin durumlarının aynı sıralama sayısında bulunabildiği dağılımların sayısına düzgün simetrik olasılık denir. Simetri, bağımlı ve bağımsız durumlardan oluşabileceğinden, hem simetri hem de düzgün simetrisinin bulunduğu dağılımlarda bağımsız durumun dağılımdaki sırası yerine, simetrideki sayısı dikkate alınır. Olasılık dağılımında simetrisinin durumları arasında, simetride bulunmayan bir durum bulunduğu dağılımlara veya simetrisinin durumlarının aynı sıralama sayısında bulunamadığı dağılımlar, düzgün olmayan simetrisinin bulunduğu dağılımlardır. Bu dağılımların sayısına düzgün olmayan simetrik olasılık denir.

Bu ciltlerde toplam düzgün olmayan simetrik olasılığın eşitlikleri teorik yöntemle çıkarılacaktır. Düzgün olmayan simetrik olasılık eşitlikleri, aynı şartlı simetrik olasılıktan, aynı şartı düzgün simetrik olasılığın farkından teorik yöntemle elde edilebilir. Bu nedenle toplam düzgün olmayan simetrik olasılık eşitlikleri de aynı şartlı simetrik olasılıktan, aynı şartlı toplam düzgün simetrik olasılığın farkından teorik yöntemle elde edilebilir. Ayrıca toplam düzgün olmayan simetrik olasılıklar; aynı şartlı ilk düzgün olmayan simetrik olasılık ile aynı şartlı kalan düzgün olmayan simetrik olasılıkların toplamından teorik yöntemle de elde edilebilir.

Bağımsız olasılıklı durumla başlayan dağılımlardaki düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliği, aynı şartlı toplam düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliğinde n_i üzerinden toplam alımında n yerine $n - 1$ yazılmasıyla da teorik yöntemle elde edilebilecektir.

Bağımlı olasılıklı durumla başlayan dağılımlardaki düzgün olmayan simetrik olasılığın eşitliği, aynı şartlı toplam düzgün olmayan simetrik olasılık eşitliğinden, aynı şartlı bağımsız durumlarla başlayan dağılımların toplam düzgün olmayan simetrik olasılık eşitliğinin farkından teorik yöntemle elde edilebileceği gibi aynı şartlı toplam düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliğinde n_i üzerinden toplam alımında n_i yerine toplam alınmadan n yazılmasıyla da teorik yöntemle elde edilebilecektir.

Sadece bağımsız durumla başlayan veya sadece bağımlı durumla başlayan dağılımların toplam düzgün simetrik olasılık eşitlikleri, *simetrisiyle ilişkili* eşitliklerle de verilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin bulunabileceği bağımlı durumlarla başlayan dağılımların düzgün olmayan simetrik olasılık eşitliklerinin tamamı aynı şartlı bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımların toplam düzgün olmayan simetrik olasılık eşitliklerinden de elde edilebilir.

Bu ciltte bağımlı-bir bağımsız durumlu simetrisinin, bağımsız durumla başlayan dağılımlardaki, simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılığın eşitlikleri verilecektir.

BAĞIMSIZ DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMLI-BİR BAĞIMSIZ DURUMLU SİMETRİSİYLE İLİŞKİLİ TOPLAM DÜZGÜN OLMAYAN SİMETRİ

Simetrisiyle ilişkili eşitlikler; simetrik, düzgün simetrik ve düzgün olmayan simetrik durumların bağımsız durumla başlayan dağılımlardaki veya bağımlı durumla başlayan dağılımlardaki olasılıklarının, bağımsız ve bağımlı durumla başlayan dağılımlardaki eşitlikleriyle verilmesinden elde edilir. Bağımsız durumla başlayan dağılımların simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılıkları, bağımsız ve bağımlı durumla başlayan dağılımlardaki eşitlikleriyle verilebilir. Toplam düzgün olmayan simetri, olasılık dağılımlarındaki simetrik olasılıklarından, olasılık dağılımlarındaki toplam düzgün simetrik olasılıkların farkından elde edilebilir. Bağımsız durumla başlayan dağılımlardaki toplam düzgün olmayan simetrik olasılıklar ise bağımsız durumla başlayan dağılımlardaki simetrik olasılıktan, bağımsız durumla başlayan dağılımlardaki toplam düzgün simetrik olasılığın farkından elde edilebilir. Fakat yukarıda verilen tanım gereği bağımsız durumla başlayan dağılımlardaki simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılıklar, bağımsız durumla başlayan dağılımların simetrisiyle ilişkili simetrik olasılığından, bağımsız durumla başlayan dağılımların simetrisiyle ilişkili toplam düzgün simetrik olasılığının farkından elde edilebilir. Böylece bağımsız durumla başlayan dağılımlardaki bağımlı-bir bağımsız durumlu (bağımlı durumla başlayıp bir bağımsız durumla biten simetri) simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılık için,

$${}^0S_0^{DOSD} = {}^0S_0 - {}^0S_0^{DSD}$$

ve ${}^0S_0 = {}^0S \cdot \frac{(l+s) \cdot (l-1)}{n \cdot (l+s-1)}$, ${}^0S_0^{DSD} = {}^0S^{DSD} \cdot \frac{(l-1)}{(n-s-l+1)}$ olmak koşuluyla,

$${}^0S_0^{DOSD} = {}^0S \cdot \frac{(l+s) \cdot (l-1)}{n \cdot (l+s-1)} - {}^0S^{DSD} \cdot \frac{(l-1)}{(n-s-l+1)}$$

eşitliği elde edilir. Simetrisiyle ilişki eşitlikler, bağımsız ve bağımlı durumla başlayan dağılımların eşitlikleriyle ilgili olması gerektiğinden, eşitliğin sağındaki terimlerde 0S ve ${}^0S^{DSD}$ bulunmalıdır. Bağımsız durumla başlayan dağılımlarda bağımlı-bir bağımsız durumlu simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılık eşitliklerinin elde edilmesinde hem olasılık dağılımlarındaki (bağımsız ve bağımlı durumla başlayan) simetrik olasılığın hem de olasılık dağılımlarındaki (bağımsız ve bağımlı durumla başlayan) düzgün simetrik olasılığın hesaplanmasında kullanılabilir tüm eşitlikler kullanılabilir. Aşağıda bağımsız durumla başlayan dağılımlardaki, olasılık dağılımları için verilen tüm simetrik olasılık eşitlikleriyle ve yine olasılık dağılımları için verilen tüm düzgün simetrik olasılık eşitlikleriyle elde edilebilecek; bağımsız durumla başlayan dağılımlarda bağımlı-bir bağımsız durumlu simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılığın temel eşitlikleri verilmektedir.

$$D = \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = \mathbf{s} + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = \mathbf{s} + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{n + j_{sa} - s} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\
& \left(\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!} \right)_{j_{sa}} -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}^{()}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s)!} \right)_{j^{sa}}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge l_{k_z}: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{()} \right. \right.$$

$$\left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right.$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\left. \frac{(n_{ik}-n_{sa}-l_k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{()}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n + j_{sa} - s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n + j_{sa} - s} \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}$$

$$\frac{(n_i-s-l_k-1)!}{(n_i-n-l_k-1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}$$

$$\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s-1)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge l_k : z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right) \right.$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\frac{(n_{ik}-n_{sa}-l_k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \right. \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k)} \frac{(n_i + j_s + j_{sa} - j^{sa} - s - k - j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{(j^{sa}=j_s+j_{sa}-1)} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k)} \frac{(n_i + j_s + j_{sa} - j^{sa} - s - I - j_{sa}^s)!}{(n_i - n - I)! \cdot (n + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}-s)}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}+j_{ik}-j^{sa}-k)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \right) \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +
\end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-\mathbb{k}-2 \cdot j_{sa}^s-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2 \cdot j_{sa}^s)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-I-2 \cdot j_{sa}^s)!}{(n_i-n-I)! \cdot (n+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2 \cdot j_{sa}^s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \left. \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k}
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{is}=n+l_k-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{(n_{sa}=n-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k)} \\
& \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa} - s - l_k - 1)!}{(n_i - n - l_k - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa} - s)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{(j^{sa}=j_s+j_{sa}-1)}
\end{aligned}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n_{is} + j_s - j_{ik})}^{()} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa} - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^s - j_s - j_{sa} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \right. \right. \\ \left. \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \right. \\ \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \right. \\ \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ \left. \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right. \\ \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \right. \\ \left. \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \right. \\ \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \right. \\ \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\ \left. \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \right)$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{l - l}{n - s - l + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
\end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \mathbb{k} - 1)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - I)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right)$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\begin{aligned}
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \frac{(n_{ik}-n_{sa}-l_k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_k)!} \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right. \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!}
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k})} \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!} \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{(j^{sa}=j_s+j_{sa}-1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k})} \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - I - j_{sa}^s)!}{(n_i - \mathbf{n} - I)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s \geq 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \right) \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +
\end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\mathbb{k}-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-I)!}{(n_i-n-I)! \cdot (n+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \left. \frac{(n_{ik}-n_{sa}-l_k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-l_k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_k)!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\quad \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=n+\mathbb{k}-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{(n_{sa}=n-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k})} \\
& \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!} \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{(j^{sa}=j_s+j_{sa}-1)}
\end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - I)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\ \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \right. \\ \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\ \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\ \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \\ \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \right. \\ \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\ \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \right)$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \quad \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) - \\
& \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
\end{aligned}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(n_i + j_{ik} + j_{sa} - j^{sa} - s - \mathbb{k} - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa} - j^{sa} - s - j_{sa}^{ik})!}{(D - s)! \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_i + j_{ik} + j_{sa} - j^{sa} - s - I - j_{sa}^{ik})!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa} - j^{sa} - s - j_{sa}^{ik})!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z = z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \right. \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!} \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - I)!}{(n_i - n - I)! \cdot (n + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s \geq 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+1} \sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=n+\mathbb{k}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \right) \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j_{ik} - 1)!}{(\mathbf{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{k}-1} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j_{ik} - 1)!}{(\mathbf{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \\
& \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \left(\frac{(n_i-s-\mathbb{k}-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n-s)!} \right)_{j^{sa}} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \left(\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s)!} \right)_{j^{sa}}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota+s) \cdot (\iota-I)}{n \cdot (\iota+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \right)$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \Big) + \\
& (D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} +
\end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i-s-\mathbb{k}-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n-s)!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i-s-l)!}{(n_i-n-l)! \cdot (n-s-1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge l = l = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge l = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_s + j_{sa} - j_{ik} - s - \mathbb{k} - j_{sa}^s - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_s + j_{sa} - j_{ik} - s - I - j_{sa}^s - 1)!}{(n_i - n - I)! \cdot (n + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{l}k+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{l}k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{l}k+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{l}k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{l}k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{l}k+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{l}k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - \mathbb{k} - 2 \cdot j_{sa}^s)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k})!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - \mathbb{k})!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - I + 1)!}{(n_i - n - I)! \cdot (n + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - I - j_{sa}^s)!}{(n_i - n - I)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

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$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - I - 1)!}{(n_i - n - I)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

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$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - \mathbb{k} - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - I - 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{sa} - s - \mathbb{k} - j_{sa}^{ik} - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{sa} - s - j_{sa}^{ik} - 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{sa} - s - I - j_{sa}^{ik} - 1)!}{(n_i - n - I)! \cdot (n + j_{sa} - s - j_{sa}^{ik} - 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{l}k+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{l}k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{l}k+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{l}k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{l}k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{l}k+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{l}k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{sa}^{ik} - j_{sa} - s - \mathbb{k})!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{sa}^{ik} - j_{sa} - s + 1)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + j_{sa}^{ik} - j_{sa} - s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{sa}^{ik} - j_{sa} - s + 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{(n_{sa}=n-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-k} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k)} \\
& \frac{(n_i + j_s - s - k - j_{sa}^s - 1)!}{(n_i + j_s - n - k - j_{sa}^s - 1)! \cdot (n - s)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{(j^{sa}=j_s+j_{sa}-1)}
\end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(n_{is}-s-\mathbb{k}-1)!}{(n_{is}+j_s-\mathbf{n}-\mathbb{k}-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^s-s-j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \\ \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \right. \\ \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \right. \\ \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \right. \\ \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \right. \\ \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\ \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k} \\
& \frac{(n_i+j_s-s-k-j_{sa}^s-1)!}{(n_i+j_s-n-k-j_{sa}^s-1)! \cdot (n-s)!}
\end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j^{sa}=j_{ik}+1}^{(n-s+1)} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(n)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}^{(n)} \\ \frac{(n_{is}-s-\mathbb{k}-1)!}{(n_{is}+j_s-\mathbf{n}-\mathbb{k}-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^s-s-j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(n+j_{sa}^{ik}-s)} \right. \right. \\ \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \right. \\ \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\ \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(n+j_{sa}^{ik}-s)} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\ \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j_{ik}-\mathbf{n}-\mathbb{k}-j_{sa}^s-1)! \cdot (\mathbf{n}-s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j_{ik}-\mathbf{n}-\mathbb{k}-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^s-s-j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota+s) \cdot (\iota-I)}{n \cdot (\iota+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\begin{aligned}
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \frac{(n_{ik}-n_{sa}-l_k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_k)!} \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right. \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!}
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \Big) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}} \frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!} \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}} \frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s \geq 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}{n_{sa}=\mathbf{n}-j^{sa}+2}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\mathbf{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \right) \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +
\end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - \mathbb{k} + 1)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - \mathbb{k} - j_{sa}^s + 1)! \cdot (n-s)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^s-1)!}{(n_{ik}+j_{ik}-n-\mathbb{k}-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
&\quad \left. \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k}
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - \mathbb{k} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}
\end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(2 \cdot n_{is} + j_s - n_{ik} - j_{ik} - s - \mathbb{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_{ik} - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \\ \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \\ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\ \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\ \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \\ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\ \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right) \\ \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +$$

$$\begin{aligned}
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_{ik}+j^{sa}-j_s-s-\mathbb{k}-2)!}{(n_{ik}+j^{sa}-\mathbf{n}-\mathbb{k}-j_{sa}^s-2)! \cdot (n-s)!} -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k} \frac{(n_{ik}+j^{sa}-j_s-s-l_k-2)!}{(n_{ik}+j^{sa}-n-l_k-j_{sa}^s-2)! \cdot (n+j_{sa}^s-s-j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_k: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1}} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1}} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i - j_{ik} + 1)} \sum_{j^{sa}=j_{ik}+2}^{(n_i + j_{ik} - j^{sa} - \mathbf{l}_k)} \right. \\
& \sum_{(n_i = \mathbf{n} + \mathbf{l}_k + 1)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbf{l}_k - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbf{l}_k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j^{sa}=j_{ik}+2}^{n + j_{sa} - s} \\
& \sum_{(n_i = \mathbf{n} + \mathbf{l}_k + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbf{l}_k - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = \mathbf{n} + \mathbf{l}_k - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbf{l}_k} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbf{l}_k + 1)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbf{l}_k}
\end{aligned}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge l = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge l = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!}$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
\end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbf{k}}}{(2 \cdot n_i - n_{ik} - j_s - j^{sa} - s - \mathbf{k} + 2)!} \cdot \frac{(D-s)!}{(2 \cdot n_i - n_{ik} - j^{sa} - \mathbf{n} - \mathbf{k} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbf{k}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbf{k} - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} - \mathbf{n} - \mathbf{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbf{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbf{k} + 1 \wedge s > 1 \wedge \mathbf{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbf{k} + 1 \wedge$$

$$\mathbf{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j_{ik} - 1)!}{(\mathbf{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{k}-1}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right) \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(2 \cdot n_i + j_s - n_{ik} - j^{sa} - s - \mathbb{k})!}$$

$$\frac{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j^{sa} - n - \mathbb{k} - j_{sa}^s)! \cdot (n-s)!}{(D-s)! \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(2 \cdot n_{is} + j_s - n_{ik} - j^{sa} - s - \mathbb{k})!}$$

$$\frac{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j^{sa} - n - \mathbb{k} - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}{(D-s)! \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right)$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(j_{ik}-2)! \cdot (j_{sa}^{ik}-2)! \cdot (n+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (s-j_{sa})!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)! \cdot (n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})! \cdot (n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \right. \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k)} \frac{(n_{sa} + j^{sa} - j_s - s - 1)!}{(n_{sa} + j^{sa} - n - j_{sa}^s - 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{(j^{sa}=j_s+j_{sa}-1)} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k)} \frac{(n_{sa} + j^{sa} - j_s - s - 1)!}{(n_{sa} + j^{sa} - n - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}-s)}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}+j_{ik}-j^{sa}-k)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \right) \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +
\end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j^{sa}-n-j_{sa}^s-1)! \cdot (n+j_{sa}-s-j^{sa})!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j^{sa}-n-j_{sa}^s-1)! \cdot (n+j_{sa}-s-j^{sa})!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \left. \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-k-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k)!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k}
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=n+\mathbb{k}-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{(n_{sa}=n-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k})} \\
& \frac{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i - n_{sa} - j^{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (n - s)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{(j^{sa}=j_s+j_{sa}-1)}
\end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa} - s - j^{sa})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\ &\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right) \\ &\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\ &\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\ &\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \right) \end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{l - l}{n - s - l + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
\end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} + 2)!} \cdot \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}{(D - s)! \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa} - s - j^{sa})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(\mathbf{n} + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \cdot \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - k - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n + j_{sa} - s} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{n + j_{sa} - s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa}=n - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - k} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{n + j_{sa} - s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i - j_s + 1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_{sa}=n - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbf{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_{sa} - j^{sa} - s - 2 \cdot \mathbf{k} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbf{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbf{k}}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{sa} - j^{sa} - s - 2 \cdot \mathbf{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbf{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbf{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbf{k} + 1 \wedge s > 1 \wedge \mathbf{k} > 0 \wedge I = 1 \wedge s = s + \mathbf{k} + 1 \wedge \mathbf{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{lk})}^{(n+j_{sa}^{lk}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{lk}} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{lk})! \cdot (j_{sa}^{lk} - 2)!} \cdot \frac{(\mathbf{n} + j_{sa}^{lk} - j_{ik} - j_{sa})!}{(\mathbf{n} + j_{sa}^{lk} - j_{ik} - s)! \cdot (s - j_{sa})!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{n-s+1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s}
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \Big) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right)$$

$$\begin{aligned}
& \frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(j_{ik}-2)! \cdot (j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(j_{ik}-j_s-1)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}}{(j_{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \left. \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{n + j_{sa} - s} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j^{sa} = j_{sa})} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\
& \frac{(n_i + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(n_i + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_s^s - 1)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{t-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}^{()}$$

$$\frac{(n_{is} + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot l_k - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - n - 2 \cdot l_k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{(n+j_{sa}^{ik}-s)} \right. \right.$$

$$\left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \right.$$

$$\left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \right.$$

$$\left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right.$$

$$\left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{(n+j_{sa}^{ik}-s)} \right.$$

$$\left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \right.$$

$$\left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \right.$$

$$\left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
\end{aligned}$$

$$\frac{(n_{sa} + j_{ik} - j_s - s)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k} \sum_{(n_i=n+l_k+1)}^{(n)}$$

$$\frac{(n_{sa} + j_{ik} - j_s - s)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_k: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
\end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbf{k}}}{\frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j_{ik}-\mathbf{n}-j_{sa}^s)! \cdot (\mathbf{n}+j_{sa}-s-j_{ik}-1)!}}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbf{k}}}{\frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j_{ik}-\mathbf{n}-j_{sa}^s)! \cdot (\mathbf{n}+j_{sa}-s-j_{ik}-1)!}}$$

$$D = \mathbf{n} < n \wedge \mathbf{k} = 0 \wedge l = l = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = \mathbf{k} + 1 \wedge s > 1 \wedge \mathbf{k} > 0 \wedge l = 1 \wedge s = s + \mathbf{k} + 1 \wedge$$

$$\mathbf{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{k}-1}}}{\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!}}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbf{k}-1}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+l+1}} \sum_{\binom{(\cdot)}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot l_k)!}{(2 \cdot n_i - n_{sa} - j_{ik} - n - 2 \cdot l_k - j_{sa}^s)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+l+1}} \sum_{n_{is}=n+l-j_s+2}^{n_i-j_s+1} \sum_{\binom{(\cdot)}{n_{ik}=n_{is}+j_s-j_{ik}}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa} - s - j_{ik} - 1)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_k: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+1} \right.$$

$$\sum_{\binom{n}{n_i=n+l+1}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=n+l-j_{ik}+2}} \sum_{\binom{n_{ik}-l_k-1}{n_{sa}=n-j^{sa}+2}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k-1} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right) \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
\end{aligned}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot \mathbb{k} + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa} - s - j_{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik}-s)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \right. \right.$$

$$\left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \right.$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j_{ik} - 1)!}{(\mathbf{n} + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \right.$$

$$\left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}-l_k-1} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+2} \right) \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-l_k} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{sa})!}{(n+j_{sa}-j_{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-l_k} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{sa})!}{(n+j_{sa}-j_{sa}-s)! \cdot (s-j_{sa})!} \cdot
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa} - s - j_{ik} - 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+1} \right. \right.$$

$$\left. \sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=n+\mathbb{k}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}-1} \right)$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left(\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \sum_{\binom{n}{n_i=n+l+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}} \frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot l_k - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot l_k - j_{sa}^s - 2)! \cdot (n - s)!} \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1} \sum_{\binom{n}{n_i=n+l+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+l-j_s+2}} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k}} \frac{(2 \cdot n_{is} + j_s - n_{sa} - j_{ik} - s - 2 \cdot l_k - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot l_k - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+1} \sum_{\binom{n}{n_i=n+l+1}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=n+l-j_{ik}+2}} \sum_{\binom{n_{ik}-l_k-1}{n_{sa}=n-j^{sa}+2}} \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s}
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_{s_a}=\mathbf{n}-j^{s_a}+2}^{n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}} \\
& \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-j_{s_a}^{i_k}+1)! \cdot (j_{s_a}^{i_k}-2)!} \cdot \frac{(n-j^{s_a})!}{(n+j_{s_a}-j^{s_a}-s)! \cdot (s-j_{s_a})!} \\
& \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \\
& \left. \frac{(n_{i_k}-n_{s_a}-1)!}{(j^{s_a}-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_{s_a}-j^{s_a})!} \cdot \frac{(n_{s_a}-1)!}{(n_{s_a}+j^{s_a}-\mathbf{n}-1)! \cdot (n-j^{s_a})!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j^{s_a}=j_{i_k}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}+1)}^{()} \sum_{n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{i_k} - n_{s_a} - 2 \cdot j^{s_a} - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_i + 3 \cdot j_s - n_{i_k} - n_{s_a} - 2 \cdot j^{s_a} - \mathbf{n} - 2 \cdot \mathbb{k} - 1)! \cdot (n-s)!} \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{()} \sum_{j^{s_a}=j_{i_k}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{()} \sum_{n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}} \\
& \frac{(3 \cdot n_{i_s} + 2 \cdot j_s - n_{i_k} - n_{s_a} - 2 \cdot j^{s_a} - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_{i_s} + 3 \cdot j_s - n_{i_k} - n_{s_a} - 2 \cdot j^{s_a} - \mathbf{n} - 2 \cdot \mathbb{k})! \cdot (n+j_{s_a}^s-s-j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j^{s_a} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j^{s_a} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota+s) \cdot (\iota-I)}{n \cdot (\iota+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{i_k}=j_{s_a}^{i_k})}^{(n+j_{s_a}^{i_k}-s)} \sum_{j^{s_a}=j_{i_k}+1} \right)$$

$$\begin{aligned}
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right) \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot k - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot k - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n+j_{sa}^s-s-j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge l = l = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$l = k + 1 \wedge s > 1 \wedge k > 0 \wedge l = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n - s)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \right. \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+2} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_i + n_{ik} - n_{sa} - s - 2 \cdot \mathbb{k} - 2)!}{(n_i + n_{ik} + j_s - n_{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n - s)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(n_{is} + n_{ik} - n_{sa} - s - 2 \cdot \mathbb{k} - 2)!}{(n_{is} + n_{ik} + j_s - n_{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!} \\
& \frac{(n_{is} + n_{ik} + \mathbb{k}_1 - n_{sa} - s - 2 \cdot \mathbb{k} - 2)!}{(n_{is} + n_{ik} + j_s + \mathbb{k}_1 - n_{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right)
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}^{ik}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \left(\frac{(n_i - s - l_k - 1)!}{(n_i - n - l_k - 1)! \cdot (n - s)!} \right)_{j^{sa}} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \left(\frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s)!} \right)_{j^{sa}}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}} \right. \\ &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\ &\quad \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \\ &\quad \left. \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\ &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\ &\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \\ &\quad \left. \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \right) \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right) \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-l}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2} \\
& \left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - s)!} \right)_{j^{sa}} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s = 2}^{\mathbf{n} - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(\)} \sum_{j^{sa} = j_s + j_{sa} - 1} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1)}^{(\)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2} \\
& \left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - s)!} \right)_{j^{sa}}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}^0S_0^{DOSD} &= \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s = 1}^{(\)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{sa}} \right. \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 2)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa} = \mathbf{n} - j^{sa} + 2}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2} \\
& \frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-l_{k_1})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right) + \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \right. \\
& \sum_{\binom{(n)}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{\binom{(n)}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right)$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \\
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{(\cdot)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k}_2 - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)} \sum_{n_{s_a} = \mathbf{n} - j^{s_a} + 2}^{n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(j^{s_a} - j_{i_k} - 1)!}{(j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})! \cdot (j_{s_a} - j_{s_a}^{i_k} - 1)!} \cdot \\
& \frac{(n - j^{s_a})!}{(n + j_{s_a} - j^{s_a} - s)! \cdot (s - j_{s_a})!} \cdot \\
& \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
& \left. \frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a})!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - \mathbf{n} - 1)! \cdot (n - j^{s_a})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{i_k} = j_{s_a}^{i_k}} \sum_{(j^{s_a} = j_{s_a})} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{i_k} = n_i - j_{i_k} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n - s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{i_k} = j_s + j_{s_a}^{i_k} - 1)}^{(\)} \sum_{j^{s_a} = j_s + j_{s_a} - 1} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n - s - 1)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{j_{sa}=j_{sa}}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
 &\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \right. \\
 &\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_{sa}=j_s+j_{sa}-1}^{(n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2)} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
 &\quad \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \right. \\
 &\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 &\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \right.
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}-l_k+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_k)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right) \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) \Big) \Big) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_s + j_{sa} - j^{sa} - s - k - j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_s + j_{sa} - j^{sa} - s - I - j_{sa}^s)!}{(n_i - n - I)! \cdot (n + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_{sa}=j_{sa}}^{(n)} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-k_2} \\
&\quad \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
&\quad \left. \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_{sa}=j_s+j_{sa}-1}^{(n)} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-k_2} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \\
&\quad \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \right. \\
&\quad \left. \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \quad \left. \left. \sum_{(n_i=n+l_k+1)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \right. \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{\binom{n+j_{sa}^{ik}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+l_k+1)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{\binom{n-s+1}{j_s}} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+l_k+1)}^{\binom{n}{n_i}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right) \\
& \left(\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n_i + j_s + j_{sa} - j^{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_{sa}=j_s+j_{sa}-1}
\end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{i_s}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i + j_s + j_{sa} - j^{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} = & \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\ & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\ & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\ & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right) \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-l}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} (n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - \mathbb{k} - 2 \cdot j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{t-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} (n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - I - 2 \cdot j_{sa}^s)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{D \circ SD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \right. \\
& \sum_{\binom{(n)}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{\binom{(n)}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - j_{ik} - j^{sa} - s - 2 \cdot j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\quad)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \\
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{(\quad)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_s+1)}^{j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k}_2 - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)} \sum_{n_{s_a} = \mathbf{n} - j^{s_a} + 2}^{n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(j^{s_a} - j_{i_k} - 1)!}{(j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})! \cdot (j_{s_a} - j_{s_a}^{i_k} - 1)!} \cdot \\
& \frac{(n - j^{s_a})!}{(n + j_{s_a} - j^{s_a} - s)! \cdot (s - j_{s_a})!} \cdot \\
& \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
& \left. \frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a})!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - \mathbf{n} - 1)! \cdot (n - j^{s_a})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{i_k} = j_{s_a}^{i_k}} \sum_{(j^{s_a} = j_{s_a})} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{i_k} = n_i - j_{i_k} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_i + j^{s_a} + j_{s_a}^s - j_s - j_{s_a} - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (n + j^{s_a} + j_{s_a}^s - j_s - j_{s_a} - s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{i_k} = j_s + j_{s_a}^{i_k} - 1)}^{(\)} \sum_{j^{s_a} = j_s + j_{s_a} - 1} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_i + j^{s_a} + j_{s_a}^s - j_s - j_{s_a} - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (n + j^{s_a} + j_{s_a}^s - j_s - j_{s_a} - s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{sa}}^{(n)} \right. \right. \\
 &\quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 &\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right. \\
 &\quad \left. \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \right) + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_s+j_{sa}-1}^{(n)} \\
 &\quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 &\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 &\quad \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 &\quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right.
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa} - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa} - s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}=j_{sa}} \right. \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n-j_{sa}+2)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j_{sa}+2)}^{(n_{ik}+j_{ik}-j_{sa}-k_2)} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-k_2)!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \quad \left. \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \right. \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \left(\sum_{\substack{(n_i = n + \mathbb{k} + 1) \\ (n_{is} = n + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2) \\ (n_{ik} = n + \mathbb{k}_2 - j_{ik} + 2) \\ n_{sa} = n - j^{sa} + 2}} \sum_{j_s=2}^{n-s+1} \sum_{\substack{(n + j_{sa}^{ik} - s) \\ (j_{ik} = j_s + j_{sa}^{ik})}} \sum_{\substack{(n + j_{sa} - s) \\ (j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}} \right) \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2} \\
& \frac{(n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(\)} \sum_{j^{sa} = j_s + j_{sa} - 1}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_i=j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - I)!}{(n_i - n - I)! \cdot (n + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_i=j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \right)$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right) \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-l}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} (n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{t-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} (n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{D \circ s D} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \right)$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-l_{k_1})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \right. \\
& \sum_{\binom{(n)}{n_i=n+k_1+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_s+j_{sa}^{ik}}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \\
& \sum_{\binom{(n)}{n_i=n+k_1+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - I - j_{sa}^s)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\quad)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \\
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{(\quad)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_s+1)}^{j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k}_2 - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)} \sum_{n_{s_a} = \mathbf{n} - j^{s_a} + 2}^{n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(j^{s_a} - j_{i_k} - 1)!}{(j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})! \cdot (j_{s_a} - j_{s_a}^{i_k} - 1)!} \cdot \\
& \frac{(n - j^{s_a})!}{(n + j_{s_a} - j^{s_a} - s)! \cdot (s - j_{s_a})!} \cdot \\
& \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
& \left. \frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a})!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - \mathbf{n} - 1)! \cdot (n - j^{s_a})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{i_k} = j_{s_a}^{i_k}} \sum_{(j^{s_a} = j_{s_a})} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{i_k} = n_i - j_{i_k} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_i + j_s + j_{s_a}^{i_k} - j_{i_k} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{s_a}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_s + j_{s_a}^{i_k} - j_{i_k} - s - j_{s_a}^s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{i_k} = j_s + j_{s_a}^{i_k} - 1)}^{(\)} \sum_{j^{s_a} = j_s + j_{s_a} - 1} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_i + j_s + j_{s_a}^{i_k} - j_{i_k} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{s_a}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_s + j_{s_a}^{i_k} - j_{i_k} - s - j_{s_a}^s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{sa}}^{(n)} \right. \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_s+j_{sa}-1}^{(n)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}-l_k+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_k)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_k} \right) \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) \Big) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
 \end{aligned}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - I)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}=j_{sa}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-k_2} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j_{sa} - n - 1)! \cdot (n - j_{sa})!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_s+j_{sa}-1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-k_2} \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - k_2)!}$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \quad \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
\end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) \Big) \Big) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\mathbb{k}_1-\mathbb{k}_2-1)!}{(n_i-n-\mathbb{k}_1-\mathbb{k}_2-1)! \cdot (n+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}}\right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\begin{aligned}
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{(n_i=n+l_k+1)}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{(n_{ik}=n+l_{k_2}-j_{ik}+2)}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{(j_{ik}=j_s+j_{sa}^{ik})}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{(n_i=n+l_k+1)}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{(n_{ik}=n+l_{k_2}-j_{ik}+2)}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DQSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \right)$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\quad)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{(\quad)} \sum_{\binom{(\quad)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(\quad)} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
& \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(\)}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{\binom{(\)}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(\)}{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}} \sum_{\binom{(\)}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{\binom{(\)}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s + j_{sa} - j_s - j^{sa} - 2 \cdot j_{sa}^{ik} - s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{(\)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
& \frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()} \\
& \frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!}} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \\
& \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!}} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Bigg) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_i+j_{ik}+j_{sa}-j^{sa}-s-k-j_{sa}^{ik}-1)!}{(n_i-n-k-1)! \cdot (n+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik})!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_i+j_{ik}+j_{sa}-j^{sa}-s-I-j_{sa}^{ik})!}{(n_i-n-I)! \cdot (n+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik})!}
\end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)! \cdot (n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)! \cdot (n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)! \cdot (n_{is}-n_{ik}-k_1-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)! \cdot (j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}^{ik}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_{ik} + j_{sa} - j^{sa} - s - k_1 - k_2 - j_{sa}^{ik} - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa} - j^{sa} - s - j_{sa}^{ik})!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}^{(\quad)} \sum_{n_{s_a}=\mathbf{n}_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2}^{(\quad)} \frac{(n_i + j_{i_k} + j_{s_a} - j^{s_a} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{s_a}^{i_k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{i_k} + j_{s_a} - j^{s_a} - s - j_{s_a}^{i_k})!}}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{i_k}=j_{s_a}^{i_k})}^{(\quad)} \sum_{j^{s_a}=j_{s_a}}^{(\quad)} \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2-j_{i_k}+2)}^{(n_i-j_{i_k}-\mathbb{k}_1+1)} \sum_{n_{s_a}=\mathbf{n}-j^{s_a}+2}^{n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2} \\ &\quad \frac{(n-j_{s_a})!}{(n-s)! \cdot (s-j_{s_a})!} \cdot \\ &\quad \frac{(n_i - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - 2)! \cdot (n_i - n_{i_k} - j_{i_k} - \mathbb{k}_1 + 1)!} \cdot \\ &\quad \left. \frac{(n_{i_k} - n_{s_a} - \mathbb{k}_2 - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a} - \mathbb{k}_2)!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - \mathbf{n} - 1)! \cdot (n - j^{s_a})!} + \right. \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(\quad)} \sum_{j^{s_a}=j_s+j_{s_a}-1}^{(\quad)} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)} \sum_{n_{s_a}=\mathbf{n}-j^{s_a}+2}^{n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2} \\ &\quad \frac{(n-j_s-j_{s_a}+1)!}{(n-j_s-s+1)! \cdot (s-j_{s_a})!} \cdot \\ &\quad \left. \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - \mathbb{k}_1 - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k} - \mathbb{k}_1)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_s-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
& \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_s-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
& \quad \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \quad \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
& \quad \left. \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-l}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}}{\frac{(D-s)!}{(D-n)!} \cdot \frac{t-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - I)!}{(n_i - n - I)! \cdot (n + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{D \circ SD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-l_{k_1})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{\binom{(\cdot)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \left. \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{\binom{(n_i-j_{ik}-l_{k_1}+1)}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
& \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=1}^{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{\binom{(n_i-j_{ik}-l_{k_1}+1)}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_s+j_{sa}^{ik}}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \\
 & \left. \sum_{\binom{(n)}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}-2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
\end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \left(\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!} \right)_{j^{sa}}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \left(\frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s)!} \right)_{j^{sa}}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{D OSD} = \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \left(\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} \right)_{j^{sa}} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\cdot)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{k}_1-\mathbb{k}_2-1)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-1)! \cdot (n-s)!} \right)_{j^{sa}}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s+1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{\binom{(\cdot)}{n+j_{sa}-s}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2} \right. \right. \\
& \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{\binom{(n)}{n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left(\sum_{j_s=1}^{\binom{(n+j_{sa}^{ik}-s)}{n+j_{sa}-s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+1} \right. \\
& \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{\binom{(n)}{n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{\binom{(n-s+1)}{n+j_{sa}-s}} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j^{sa}=j_{ik}+2} \right. \\
& \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{\binom{(n)}{n_i-j_s+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \left. \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \right. \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \left. \left(\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \right. \\
& \left. \frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n - s)!} \right. \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
& \left. \left(\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \right. \\
& \left. \frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s - 1)!} \right)
\end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i-s-k_1-k_2-1)!}{(n_i-n-k_1-k_2-1)! \cdot (n-s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j^{sa}=j_{ik}+1}^{(n)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i-s-k_1-k_2-1)!}{(n_i-n-k_1-k_2-1)! \cdot (n-s-1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \right. \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
&\quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\
& \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\)}}{(n_i + j_s + j_{sa} - j_{ik} - s - \mathbb{k} - j_{sa}^s - 2)!} \cdot \frac{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(\)} \cdot \frac{(n_i + j_s + j_{sa} - j_{ik} - s - I - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+1)}^{n_{ik}-\mathbb{k}_2-1} \right)$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}-2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n_i + j_s + j_{sa} - j_{ik} - s - k_1 - k_2 - j_{sa}^s - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!} \cdot \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n_i + j_s + j_{sa} - j_{ik} - s - k_1 - k_2 - j_{sa}^s - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa} - j_{ik} - s - j_{sa}^s - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right) + \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - \mathbb{k} - 2 \cdot j_{sa}^s)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - \mathbf{n} - I)! \cdot (n + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \right.$$

$$\left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \right.$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \right.$$

$$\left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \left(\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - k_1 - k_2 - 2 \cdot j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa} + j_{sa}^{ik} - 2 \cdot j^{sa} - s - 2 \cdot j_{sa}^s + 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right) \right. \\ \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right) \\ + \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\ \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\ \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \\ + \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\ \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \quad \left. \sum_{(n_i=n+l_{k+1})}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \right. \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
& \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+l_{k+1})}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \right. \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+l_{k+1})}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \quad \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k})!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \binom{(\quad)}{\quad} \right. \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right) \cdot \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j^{sa}=j_s+j_{sa}-1} \binom{(\quad)}{\quad} \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
&\quad \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
&\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}^{ik}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\
& \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right.
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \Big) \Big) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}_1+1)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j^{sa}=j_{ik}+1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}_1+1)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Bigg) + \\
 & (D-s) \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Big) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - k)!}{(n_i - n - k - 1)! \cdot (n + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - I + 1)!}{(n_i - n - I)! \cdot (n + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DQSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \right. \right.$$

$$\left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \right.$$

$$\left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right)$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
& \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{\mathbf{n} \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right) \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-\mathbb{k}-j_{sa}^s)!}{(n_i-n-\mathbb{k}-1)! \cdot (n+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^s+1)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n_i + j_s + j_{sa}^{ik} - j^{sa} - s - I - j_{sa}^s + 1)!}{(n_i - n - I)! \cdot (n + j_s + j_{sa}^{ik} - j^{sa} - s - j_{sa}^s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{j^{sa}=j_{ik}+2}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \right) \right. \\
& \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \quad \left(\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}^{ik}-s} \right. \\
& \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
& \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
& \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j^{sa} - s - k_1 - k_2 - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j^{sa} - s - j_{sa}^s + 1)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j^{sa} - s - k_1 - k_2 - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j^{sa} - s - j_{sa}^s + 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right) \cdot \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
&\quad \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
&\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}^{ik}-s} \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - I - 1)!}{(n_i - n - I)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Bigg) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+k_1+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+k_1+1}} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j^{sa} + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right. \right.$$

$$\left. \sum_{\binom{n}{n_i=n+k_1+1}} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{n_i-j_{ik}-k_1+1} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \right.$$

$$\left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right)$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}-k_2-1} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \left(\frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{sa})!}{(n+j_{sa}-j_{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} \right) + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{sa})!}{(n+j_{sa}-j_{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - l}{n - s - l + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - \mathbb{k} - 2)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - I - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{\mathbf{n} \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}_2-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)} \sum_{n_{s_a}=n-j^{s_a}+2}^{n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(n - j^{s_a})!}{(n + j_{s_a} - j^{s_a} - s)! \cdot (s - j_{s_a})!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a})!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - n - 1)! \cdot (n - j^{s_a})!} + \\
 & \left. \left. \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k})}^{(n+j_{s_a}^{i_k}-s)} \sum_{j^{s_a}=j_{i_k}+1}^{n+j_{s_a}-s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}_2-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)} \sum_{n_{s_a}=n-j^{s_a}+2}^{n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(n - j^{s_a})!}{(n + j_{s_a} - j^{s_a} - s)! \cdot (s - j_{s_a})!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \left. \left. \left. \frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a})!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - n - 1)! \cdot (n - j^{s_a})!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j^{s_a}=j_{i_k}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{s_a}=n_{i_k}+j_{i_k}-j^{s_a}-\mathbb{k}_2} \\
 & \frac{(n_i + j_{i_k} + j_{s_a}^s + j_{s_a} - j_s - 2 \cdot j_{s_a}^{i_k} - s - \mathbb{k}_1 - \mathbb{k}_2 - 2)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{i_k} + j_{s_a}^s + j_{s_a} - j_s - 2 \cdot j_{s_a}^{i_k} - s - 1)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(\)} \sum_{j^{s_a}=j_{i_k}+1}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\ &\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\ &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \right) + \end{aligned}$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{j^{sa}=j_{ik}+2}^{(n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \right) \right. \\
 & \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \quad \left(\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}^{ik}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+l_{k_1}+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_{sa} - s - k - j_{sa}^{ik} - 2)!}{(n_i - n - k - 1)! \cdot (n + j_{sa} - s - j_{sa}^{ik} - 1)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + j_{sa} - s - I - j_{sa}^{ik} - 1)!}{(n_i - n - I)! \cdot (n + j_{sa} - s - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \binom{(\quad)}{\quad} \right. \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right) \cdot \\
&\quad \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j^{sa}=j_s+j_{sa}-1} \binom{(\quad)}{\quad} \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \\
&\quad \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
&\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}^{ik}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}^{ik}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(n_i + j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{ik} - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{sa} - s - j_{sa}^{ik} - 1)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(n_i + j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{ik} - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{sa} - s - j_{sa}^{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Bigg) + \\
 & \left((D-s) \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Big) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j_{sa}^{ik} - j_{sa} - s - k)!}{(n_i - n - k - 1)! \cdot (n + j_{sa}^{ik} - j_{sa} - s + 1)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j_{sa}^{ik} - j_{sa} - s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{sa}^{ik} - j_{sa} - s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DQSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right. \right.$$

$$\left. \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{n_i-j_{ik}-k_1+1} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \right.$$

$$\left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - l}{n - s - l + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}$$

$$\frac{(n_i + j_{sa}^{ik} - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - j_{sa} - s + 1)!} \cdot \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}^{()} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{()} \\ \frac{(n_i + j_{sa}^{ik} - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - j_{sa} - s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{\mathbf{n} \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}}^{()} \right. \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ \frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot \\ \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \\ \left. \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-l_{k_1}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-l_{k_1})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-l_{k_2}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l_{k_2})!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + j_s - s - k - j_{sa}^s - 1)!}{(n_i + j_s - n - k - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_{is} - s - k - 1)!}{(n_{is} + j_s - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{(\)} \right. \right.$$

$$\left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right.$$

$$\left. \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1) \quad n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \left. \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \right. \\
& \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \right. \\
& \left. \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \right. \\
& \left. \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \right. \\
& \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right.
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \frac{(n_i + j_s - s - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i + j_s - n - k_1 - k_2 - j_{sa}^s - 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j^{sa}=j_s+j_{sa}-1)} \sum_{(n_i=n+k+1)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \frac{(n_{is} - s - k_1 - k_2 - 1)!}{(n_{is} + j_s - n - k_1 - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!} -$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \left. \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \right. \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\
& \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i + j_s - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{is} - s - \mathbb{k} - 1)!}{(n_{is} + j_s - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}-2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(n_i+j_s-s-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^s-1)!} \cdot \frac{(n_i+j_s-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^s-1)! \cdot (\mathbf{n}-s)!}{(n_i+j_s-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^s-1)! \cdot (\mathbf{n}-s)!} \\ \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(n_{is}-s-\mathbb{k}_1-\mathbb{k}_2-1)!} \cdot \frac{(n_{is}-s-\mathbb{k}_1-\mathbb{k}_2-1)!}{(n_{is}+j_s-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^s-s-j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \right) \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(n-j_{sa})!}{(\mathbf{n}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \\ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \right. \\
& \sum_{\binom{(n)}{n_i=n+k_1+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_s+j_{sa}^{ik}}} \sum_{\binom{n+j_{sa}-s}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \\
& \sum_{\binom{(n)}{n_i=n+k_1+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-k_2}{n_{sa}=n-j^{sa}+2}} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2 - 1)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2 - 1)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}}^{n_i-j_{ik}-\mathbb{k}_1+1} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \right)$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\quad)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \\
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{(\quad)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_s+1)}^{j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k}_2 - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)} \sum_{n_{s_a} = \mathbf{n} - j^{s_a} + 2}^{n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(j^{s_a} - j_{i_k} - 1)!}{(j^{s_a} + j_{s_a}^{i_k} - j_{i_k} - j_{s_a})! \cdot (j_{s_a} - j_{s_a}^{i_k} - 1)!} \cdot \\
& \frac{(n - j^{s_a})!}{(n + j_{s_a} - j^{s_a} - s)! \cdot (s - j_{s_a})!} \cdot \\
& \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
& \left. \frac{(n_{i_k} - n_{s_a} - 1)!}{(j^{s_a} - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_{s_a} - j^{s_a})!} \cdot \frac{(n_{s_a} - 1)!}{(n_{s_a} + j^{s_a} - \mathbf{n} - 1)! \cdot (n - j^{s_a})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{i_k} = j_{s_a}^{i_k}} \sum_{(j^{s_a} = j_{s_a})} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{i_k} = n_i - j_{i_k} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_{i_k} + j_{i_k} + \mathbb{k}_1 - j_s - s - \mathbb{k} - 1)!}{(n_{i_k} + j_{i_k} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{s_a}^s - 1)! \cdot (n - s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{i_k} = j_s + j_{s_a}^{i_k} - 1)}^{(\)} \sum_{j^{s_a} = j_s + j_{s_a} - 1} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)}^{(\)} \sum_{n_{s_a} = n_{i_k} + j_{i_k} - j^{s_a} - \mathbb{k}_2} \\
& \frac{(n_{i_k} + j_{i_k} + \mathbb{k}_1 - j_s - s - \mathbb{k} - 1)!}{(n_{i_k} + j_{i_k} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{s_a}^s - 1)! \cdot (\mathbf{n} + j_{s_a}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{j_{sa}=j_{sa}}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
 &\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \right. \\
 &\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} + \right. \\
 &\quad \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_{sa}=j_s+j_{sa}-1}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \right. \\
 &\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \right. \\
 &\quad \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \right. \\
 &\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-n-1)! \cdot (n-j_{sa})!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 &\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \right.
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}=j_{sa}} \right) \right.$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n-j_{sa}+2)}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j_{sa} - n - 1)! \cdot (n - j_{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_s+j_{sa}-1} \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{(n_{sa}=n-j_{sa}+2)}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j_{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j_{sa} - \mathbb{k}_2)!}$$

$$\begin{aligned}
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-l}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^s-1)!}{(n_{ik}+j_{ik}+\mathbb{k}_1-n-\mathbb{k}-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\begin{aligned}
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_s+j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 + 1)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{(\)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \right)$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\quad)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{(\quad)} \sum_{\binom{(\quad)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
 \end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k + 1)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) \Bigg) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(2 \cdot n_{is} + j_s - n_{ik} - j_{ik} - s - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)! \cdot (n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)! \cdot (n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)! \cdot (n_{is}-n_{ik}-k_1-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)! \cdot (j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}^{ik}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k + 1)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{ik}+j^{sa}-j_s-s-k_2-2)!}{(n_{ik}+j^{sa}-n-k_2-j_{sa}^s-2)! \cdot (n-s)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{ik}+j^{sa}-j_s-s-k_2-2)!}{(n_{ik}+j^{sa}-n-k_2-j_{sa}^s-2)! \cdot (n+j_{sa}^s-s-j_s)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \right. \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right) \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right. \\
 & \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\
& \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(n_{ik} + j^{sa} + \mathbb{k}_1 - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j^{sa} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(n_{ik} + j^{sa} + \mathbb{k}_1 - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j^{sa} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}-2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} (n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} (n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{D\theta SD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+2}^{(n+j_{sa}-s)} \right) \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{(n+j_{sa}-s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} + \mathbb{k}_1 - n - \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j^{sa} + 1)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}}{(\mathbb{n}_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}$$

$$\frac{(\mathbb{n}_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(\mathbb{n}_{ik} + j^{sa} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}}\right)$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}}{\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}}{\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!}}$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(\mathbf{n}-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(2 \cdot n_i - n_{ik} - j_s - j^{sa} - s - 2 \cdot l_{k_1} - l_{k_2} + 2)!}{(2 \cdot n_i - n_{ik} - j^{sa} - n - 2 \cdot l_{k_1} - l_{k_2} - j_{sa}^s + 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}
 \end{aligned}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{sa} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{sa} + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} = & \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j_{sa}=j_{sa}}^{(\cdot)} \right. \\ & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j_{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\ & \left. \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j_{sa} - \mathbf{n} - 1)! \cdot (n - j_{sa})!} + \right. \\ & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_{sa}=j_s+j_{sa}-1}^{(\cdot)} \\ & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j_{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\ & \left. \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \right. \\ & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j_{sa} - \mathbf{n} - 1)! \cdot (n - j_{sa})!} \right) + \end{aligned}$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n_i-j_{ik}-k_1+1)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \quad \left. \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \right. \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \quad \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \quad \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\mathbf{n}+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(\mathbf{n})} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \quad \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) - \\
& \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(\mathbf{n})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} + 2)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!} - \\
& \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(\mathbf{n})} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j^{sa} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j^{sa} + 1)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 &\quad \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \right) \cdot \\
 &\quad \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 &\quad \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \right) \cdot \\
 &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 &\quad \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 &\quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}$$

$$\frac{(2 \cdot n_i + l_{k_2} - n_{ik} - j_s - j^{sa} - s - 2 \cdot l_k + 2)!}{(2 \cdot n_i + l_{k_2} - n_{ik} - j^{sa} - n - 2 \cdot l_k - j_{sa}^s + 2)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{is}=n+l_{k_1}+l_{k_2}-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j^{sa} - s - 2 \cdot l_{k_1} - l_{k_2})!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j^{sa} - n - 2 \cdot l_{k_1} - l_{k_2} - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$$

$$s = s + l_k + 1 \wedge l_{k_z}: z = 1 \wedge l_k = l_{k_2} \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
& \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \left((D-s) \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} + 2)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j^{sa} - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{\binom{(\cdot)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
 & \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{\binom{(\cdot)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
 \end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{\binom{n}{n_i=n+l_k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-l_{k_1}+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}}$$

$$\frac{(n_{sa} + j^{sa} - j_s - s - 1)!}{(n_{sa} + j^{sa} - n - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{\binom{n}{n_i=n+l_k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}}$$

$$\frac{(n_{sa} + j^{sa} - j_s - s - 1)!}{(n_{sa} + j^{sa} - n - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$$

$$s = s + l_k + 1 \wedge l_{k_z}: z = 1 \wedge l_k = l_{k_2} \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
& \frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()} \\
& \frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!}} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \\
& \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \\
& \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!}} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j^{sa}-n-j_{sa}^s-1)! \cdot (n+j_{sa}-s-j^{sa})!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j^{sa}-n-j_{sa}^s-1)! \cdot (n+j_{sa}-s-j^{sa})!}
\end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)! \cdot (n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)! \cdot (n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)! \cdot (n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)! \cdot (j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}^{ik}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)} \\
 & \frac{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot k_1 - 2 \cdot k_2 + 1)!}{(2 \cdot n_i - n_{sa} - j^{sa} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{(j^{sa}=j_s+j_{sa}-1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}
 \end{aligned}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{sa} - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa} - s - j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}=j_{sa}} \right) \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
&\quad \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \\
&\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j_{sa})!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j_{sa}+2}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \\
&\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j_{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}-\mathbb{k}_2)!} \right)
\end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) \Big) \Big) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i - n_{sa} - j^{sa} - n - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (n - s)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j^{sa}-n-j_{sa}^s-1)! \cdot (n+j_{sa}-s-j^{sa})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\begin{aligned}
& \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{(n_i=n+l_k+1)}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{(n_{ik}=n+l_{k_2}-j_{ik}+2)}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{(j_{ik}=j_s+j_{sa}^{ik})}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{(n_i=n+l_k+1)}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{(n_{ik}=n+l_{k_2}-j_{ik}+2)}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 2)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa} - s - j^{sa})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{(\)} \right. \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left. \frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \right)$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{\binom{(\cdot)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
& \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+l_k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-l_{k_1}+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}} \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 2 \cdot l_k - l_{k_1} + 2)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - n - 2 \cdot l_k - l_{k_1} - j_{sa}^s + 2)! \cdot (n - s)!} \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{\binom{n}{n_i=n+l_k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1}}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}} \frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j^{sa} - n - j_{sa}^s - 1)! \cdot (n + j_{sa} - s - j^{sa})!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$$

$$s = s + l_k + 1 \wedge l_{k_z}: z = 1 \wedge l_k = l_{k_2} \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
 & \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_i + j_s - n_{sa} - j^{sa} - s - 2 \cdot k_1 - 2 \cdot k_2 - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j^{sa} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_{is} + j_s - n_{sa} - j^{sa} - s - 2 \cdot k_1 - 2 \cdot k_2 - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{sa} - j^{sa} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge l = l = 1 \wedge s = s + 1 \vee$

$l = k + 1 \wedge s > 1 \wedge k > 0 \wedge l = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \\
 & \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \\
 & \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}^{ik}-s} \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_i + j_s - n_{sa} - j^{sa} - s - 2 \cdot k - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j^{sa} - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{sa} - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \frac{(n-j_{sa})!}{(\mathbf{n}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \\
&\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \\
&\quad \left. \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \quad \left(\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right) + \\
 & \quad \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) \Big) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-l}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 3 \cdot l_{k_1} - 2 \cdot l_{k_2} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - n - 3 \cdot l_{k_1} - 2 \cdot l_{k_2} - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 3 \cdot k_1 - 2 \cdot k_2 - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\begin{aligned}
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_s+j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+l_k+1}} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-l_{k_1})}{n_{ik}=n+l_{k_2}-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{(\)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\cdot)}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{\binom{(\cdot)}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(\cdot)} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s}
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \right. \\
& \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot
\end{aligned}$$

$$\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot k_2 - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - n - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot k_2 - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - n - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \right)$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}^{()} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \\
& \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \left. \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}^{ik}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}^{ik}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{ik}-s} \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot k_2 - k_1 - 1)!}{(n_i + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - n - 2 \cdot k_2 - k_1 - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}
 \end{aligned}$$

$$\frac{(n_{is} + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \\
&\quad \left. \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \right. \\
&\quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\quad \left. \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \right. \\
&\quad \left. \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) \Big) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}}$$

$$\frac{(n_i+n_{ik}+j_{ik}+l_{k_1}-n_{sa}-j^{sa}-s-2 \cdot l_k-1)!}{(n_i+n_{ik}+j_s+j_{ik}+l_{k_1}-n_{sa}-j^{sa}-n-2 \cdot l_k-j_{sa}^s-1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_{is} + n_{ik} + j_{ik} + k_1 - n_{sa} - j^{sa} - s - 2 \cdot k - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} + k_1 - n_{sa} - j^{sa} - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(\mathbf{n}-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(n_{sa} + j_{ik} - j_s - s)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \\
 & \frac{(n_{sa} + j_{ik} - j_s - s)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j_{ik}-n-j_{sa}^s)! \cdot (n+j_{sa}-s-j_{ik}-1)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j_{ik}-n-j_{sa}^s)! \cdot (n+j_{sa}-s-j_{ik}-1)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot \right. \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \qquad \qquad \qquad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \qquad \qquad \qquad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \qquad \qquad \qquad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2)!}{(2 \cdot n_i - n_{sa} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa} - s - j_{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}-\mathbb{k}_2-1}{n_{sa}=n-j^{sa}+2}} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot k)!}{(2 \cdot n_i - n_{sa} - j_{ik} - n - 2 \cdot k - j_{sa}^s)! \cdot (n - s)!}}{\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa} - s - j_{ik} - 1)!}}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!}}{\right)$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+2}^{(n+j_{sa}-s)} \right) \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{(n+j_{sa}-s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 3 \cdot k_1 - 2 \cdot k_2 + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 3)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa} - s - j_{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \left(\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 + 1)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 1)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa} - s - j_{ik} - 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot k - k_1 + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - n - 2 \cdot k - k_1 - j_s^s + 3)! \cdot (n-s)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_{sa}+j_{sa}-s-j_{sa}^s-1)!}{(n_{sa}+j_{ik}-n-j_{sa}^s)! \cdot (n+j_{sa}-s-j_{ik}-1)!}
\end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \right. \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right) \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right. \\
 & \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \qquad \qquad \qquad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \qquad \qquad \qquad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \qquad \qquad \qquad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 + 1)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(n_{sa} + j_{sa} - s - j_{sa}^s - 1)!}{(n_{sa} + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa} - s - j_{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+2)}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}-2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{\binom{()}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \frac{(2 \cdot n_{is} + j_s - n_{sa} - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!}} \right)$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+2}^{(n+j_{sa}-s)} \right) \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}-s)} \sum_{j^{sa}=j_{ik}+1}^{(n+j_{sa}-s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{sa} - j_{ik} - s - 2 \cdot k - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n-s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(\mathbf{n}-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \left(\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 3 \cdot k_1 - 2 \cdot k_2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - n - 3 \cdot k_1 - 2 \cdot k_2 - 1)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \left(\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 3 \cdot k_1 - 2 \cdot k_2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - n - 3 \cdot k_1 - 2 \cdot k_2 - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \\
&\quad \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
&\quad \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right)
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\mathbf{n}+j_{sa}-s} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{\mathbf{n}-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!} - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{\mathbf{n}-s-I+1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \right. \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right) \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right. \\
 & \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \qquad \qquad \qquad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \qquad \qquad \qquad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \qquad \qquad \qquad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}-j^{sa}+2)}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}-\mathbb{k}_2-1}{n_{sa}=n-j^{sa}+2}} \\
 & \frac{(n - j_s - j_{sa} + 1)!}{(n - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1} \sum_{\binom{(n+j_{sa}^{ik}-s)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{\binom{(n)}{n_i=n+\mathbb{k}+1}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}{n_{sa}=n-j^{sa}+2}}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}
 \end{aligned}$$

$$\begin{aligned}
& \frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 2)!} \\
& \frac{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}{(D - s)! \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}} \\
& \frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 2)!} \\
& \frac{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}{D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee} \\
& I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \\
& \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee \\
& I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge \\
& \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow \\
& {}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j^{sa}=j_{sa}} \right. \\
& \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \right. \\
& \left. \frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \right) \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_s+j_{sa}-1}
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot k_2 - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - n - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot k_2 - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - n - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n-s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & \left(\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \left(\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_{sa} - j_s - s - 2 \cdot k - 2)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_{sa} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1} \\
 & \left(\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \right) \\
 & \frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_{sa} - j_s - s - 2 \cdot k - 2)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_{sa} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_{sa}=n-j^{sa}+2)}^{(n_{ik}-k_2-1)} \\
 & \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_i+n_{ik}-n_{sa}-s-2 \cdot k_2-k_1-2)!}{(n_i+n_{ik}+j_s-n_{sa}-n-2 \cdot k_2-k_1-j_{sa}^s-2)! \cdot (n-s)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n_{is}+n_{ik}-n_{sa}-s-2 \cdot k_2-k_1-2)!}{(n_{is}+n_{ik}+j_s-n_{sa}-n-2 \cdot k_2-k_1-j_{sa}^s-2)! \cdot (n+j_{sa}^s-s-j_s)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j^{sa}=j_s+j_{sa}-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \left. \frac{(n-j_s-j_{sa}+1)!}{(n-j_s-s+1)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \right. \\
 & \left. \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \right) \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \right. \\
 & \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\
& \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_{sa}=n-j^{sa}+2}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right)
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + n_{ik} + \mathbb{k}_1 - n_{sa} - s - 2 \cdot \mathbb{k} - 2)!}{(n_i + n_{ik} + j_s + \mathbb{k}_1 - n_{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{is} + n_{ik} + \mathbb{k}_1 - n_{sa} - s - 2 \cdot \mathbb{k} - 2)!}{(n_{is} + n_{ik} + j_s + \mathbb{k}_1 - n_{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\ \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right. \\ \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\left(\frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\left(\frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s)!} \right)_{j_i}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s \geq 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \right) \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n
\end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-\mathbb{k}-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n-s)!} -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s-1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right.$$

$$\left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_s-j_i-k-j_{sa}^s-1)!}{(n_i-n-k-1)! \cdot (n+j_s-j_i-j_{sa}^s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_s-j_i-I-j_{sa}^s)!}{(n_i-n-I)! \cdot (n+j_s-j_i-j_{sa}^s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
 & \left. \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-k-2 \cdot j_{sa}^s-1)!}{(n_i-n-k-1)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2 \cdot j_{sa}^s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-I-2 \cdot j_{sa}^s)!}{(n_i-n-I)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2 \cdot j_{sa}^s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\begin{aligned}
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}} \\
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = n + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n + \mathbb{k} - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^n \right. \\
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-2 \cdot s-k-1)!}{(n_i-n-k-1)! \cdot (n+j_i+j_{sa}^s-j_s-2 \cdot s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-2 \cdot s-l)!}{(n_i-n-l)! \cdot (n+j_i+j_{sa}^s-j_s-2 \cdot s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge l = l = 1 \wedge s = s + 1 \vee$$

$$l = k + 1 \wedge s > 1 \wedge k > 0 \wedge l = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
 \right)$$

$$\begin{aligned}
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}} \\
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = n + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n + \mathbb{k} - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^n \right. \\
& \sum_{(n_i = n + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s-\mathbb{k}-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s-I)!}{(n_i-n-I)! \cdot (n+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
&\quad \left. \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - k - j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - I - j_{sa}^s)!}{(n_i - n - I)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \left. \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \left. \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - I)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}
 \end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
&\quad \left. \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \\
&\quad \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right) \\
&\quad \left. \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right)
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_s+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik}-\mathbb{k}-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik})!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}
 \end{aligned}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n_{is} + j_s - j_{ik})}^{()} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right.$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{is} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik})} \sum_{n_s = \mathbf{n} - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \quad \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \quad \frac{(n_i+j_{ik}-j_i-k-j_{sa}^{ik}-1)!}{(n_i-n-k-1)! \cdot (n+j_{ik}-j_i-j_{sa}^{ik})!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{()} \sum_{n_s=\mathbf{n}_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_{ik}-j_i-I-j_{sa}^{ik})!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_{ik}-j_i-j_{sa}^{ik})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{(n+j_{sa}^{ik}-s)} \right. \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{(n+j_{sa}^{ik}-s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\begin{aligned}
 & \left(\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\begin{aligned}
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^a} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \left(\frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!} \right)_{j_i} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \left(\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s)!} \right)_{j_i}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{(j_s=1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \right. \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \right. \\ \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\ \left. \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i-s-k-1)!}{(n_i-n-k-1)! \cdot (n-s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{is}^{lk}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^{(\cdot)}$$

$$\sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{(\cdot)}$$

$$\frac{(n_i-s-I)!}{(n_i-\mathbf{n}-I)! \cdot (n-s-1)!}$$

$$D = \mathbf{n} < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\frac{(D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)}}{\sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-lk-1}} \cdot \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (n-j_i)!} + \frac{(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)}}{\sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-lk-1}} \cdot \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_s-j_{ik}-k-j_{sa}^s-2)!}{(n_i-n-k-1)! \cdot (n+j_s-j_{ik}-j_{sa}^s-1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1} \\ \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk} \\ \frac{(n_i+j_s-j_{ik}-I-j_{sa}^s-1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_s-j_{ik}-j_{sa}^s-1)!}$$

$$D = \mathbf{n} < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\frac{(D-s)!}{(D-s-1)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \\ \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\ \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\ \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-2 \cdot j_i-k-2 \cdot j_{sa}^s)!}{(n_i-n-k-1)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-2 \cdot j_i-2 \cdot j_{sa}^s+1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \frac{(n_i+2 \cdot j_s+j_{sa}^{lk}-2 \cdot j_i-I-2 \cdot j_{sa}^s+1)!}{(n_i-n-I)! \cdot (n+2 \cdot j_s+j_{sa}^{lk}-2 \cdot j_i-2 \cdot j_{sa}^s+1)!}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \right. \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \right. \\ \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\ \left. \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_{ik}+j_{sa}^s-j_s-2 \cdot s-k)!}{(n_i-n-k-1)! \cdot (n+j_{ik}+j_{sa}^s-j_s-2 \cdot s+1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^{(\cdot)}$$

$$\sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{(\cdot)}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-2 \cdot s-I+1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_{ik}+j_{sa}^s-j_s-2 \cdot s+1)!}$$

$$D = \mathbf{n} < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s+1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\frac{(D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)}}{\sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-lk-1}} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)} \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-lk-1}} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3 \cdot s-k)!}{(n_i-n-k-1)! \cdot (n+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3 \cdot s+1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{lk} - j_s - 3 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{lk} - j_s - 3 \cdot s + 1)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \right. \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\ \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-k-j_{sa}^s-1)!}{(n_i-n-k-1)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \frac{(n_i+j_s+j_{sa}^{lk}-j_{ik}-s-I-j_{sa}^s)!}{(n_i-n-I)! \cdot (n+j_s+j_{sa}^{lk}-j_{ik}-s-j_{sa}^s)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()}} \right) \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\ \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-k-2)!}{(n_i-n-k-1)! \cdot (n+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^{(\cdot)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{lk}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{lk}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbf{lk}}$$

$$\frac{(n_i+j_i+j_{sa}^s-j_s-j_{sa}^{lk}-s-I-1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_i+j_{sa}^s-j_s-j_{sa}^{lk}-s-1)!}$$

$$D = \mathbf{n} < n \wedge \mathbf{lk} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s+1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbf{lk} + 1 \wedge s > 1 \wedge \mathbf{lk} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbf{lk} + 1 \wedge$$

$$\mathbf{lk}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)} \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{lk}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{lk}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbf{lk}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{lk}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{lk}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{lk}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbf{lk}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\left. \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_{ik}+j_{sa}^s-j_s-2 \cdot j_{sa}^{ik}-k-2)!}{(n_i-n-k-1)! \cdot (n+j_{ik}+j_{sa}^s-j_s-2 \cdot j_{sa}^{ik}-1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^{(\cdot)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbf{k}}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - I - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbf{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbf{k} + 1 \wedge s > 1 \wedge \mathbf{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbf{k} + 1 \wedge$$

$$\mathbf{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)} \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbf{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(\cdot)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbf{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\left. \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i-k-j_{sa}^{ik}-2)!}{(n_i-n-k-1)! \cdot (n-j_{sa}^{ik}-1)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \frac{(n_i - I - j_{sa}^{ik} - 1)!}{(n_i - n - I)! \cdot (n - j_{sa}^{ik} - 1)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \right. \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\ \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \\ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\ \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \right. \\ \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i+j_{sa}^{ik}-2 \cdot s-k)!}{(n_i-n-k-1)! \cdot (n+j_{sa}^{ik}-2 \cdot s+1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}^{()}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{()} \right) \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{()}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{ik=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
 \end{aligned}$$

$$\frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i + j_s - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{is} - s - \mathbb{k} - 1)!}{(n_{is} + j_s - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\begin{aligned}
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_s - s - k - j_{sa}^s - 1)!}{(n_i + j_s - n - k - j_{sa}^s - 1)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}^{(\quad)} \\ \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{(\quad)} \\ \frac{(n_{is}-s-lk-1)!}{(n_{is}+j_s-\mathbf{n}-lk-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^s-s-j_s)!}$$

$$D = \mathbf{n} < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge lk_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{lk}}^{(\quad)} \right. \right. \\ \left. \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-lk} \right. \\ \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\ \left. \frac{(n_{ik}-n_s-lk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-lk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\ \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{lk}}^{(\quad)} \right. \\ \left. \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-lk} \right. \\ \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{lk}+1)! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k} - 1)!}{(n_{ik} + j_{ik} - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{ik} - j_s - \mathbb{k} - 1)!}{(n_{ik} + j_{ik} - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{\mathbf{n}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1}^{\iota - I} \sum_{j_{ik}=j_{sa}^{ik}}^{\iota - I} \sum_{(j_i=s)}^{\iota - I}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^s-1)!} \cdot \frac{(n_{ik}+j_{ik}-n-\mathbb{k}-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}{(D-s)! \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}}{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^s-1)!}{(n_{ik}+j_{ik}-n-\mathbb{k}-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \right. \\
 & \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - k + 1)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - k - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{i_s}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+l_k-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-l_k} \\
 & \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-j_{s_a}^{i_k}+1)! \cdot (j_{s_a}^{i_k}-2)!} \cdot \\
 & \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \\
 & \left. \frac{(n_{i_k}-n_s-l_k-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i-l_k)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{s_a}^{i_k}-s)} \sum_{(j_{i_k}=j_{s_a}^{i_k})}^{(n+j_{s_a}^{i_k}-s)} \sum_{j_i=j_{i_k}+s-j_{s_a}^{i_k}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{i_k}=n+l_k-j_{i_k}+2)}^{(n_i-j_{i_k}+1)} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-l_k} \right. \\
 & \left. \frac{(j_{i_k}-2)!}{(j_{i_k}-j_{s_a}^{i_k})! \cdot (j_{s_a}^{i_k}-2)!} \cdot \frac{(j_i-j_{i_k}-1)!}{(j_i+j_{s_a}^{i_k}-j_{i_k}-s)! \cdot (s-j_{s_a}^{i_k}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{i_k}-1)!}{(j_{i_k}-2)! \cdot (n_i-n_{i_k}-j_{i_k}+1)!} \cdot \right. \\
 & \left. \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n+j_{s_a}^{i_k}-s)} \sum_{j_i=j_{i_k}+s-j_{s_a}^{i_k}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{i_s}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+l_k-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-l_k} \right. \\
 & \left. \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-j_{s_a}^{i_k}+1)! \cdot (j_{s_a}^{i_k}-2)!} \cdot \frac{(j_i-j_{i_k}-1)!}{(j_i+j_{s_a}^{i_k}-j_{i_k}-s)! \cdot (s-j_{s_a}^{i_k}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - \mathbb{k} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j_{ik} - s - \mathbb{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{1} = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \right.$$

$$\left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \right.$$

$$\left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \right)$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left(\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \right.$$

$$\left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \right.$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left(\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_i + 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_i + 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - \mathbb{k} + 2)!}{(2 \cdot n_i - n_{ik} - j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \right.$$

$$\left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \right.$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right.$$

$$\left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right)^+$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left(\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \mathbb{k})!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - n - \mathbb{k} - j_{sa}^s)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j_i - s - \mathbb{k})!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_i - n - \mathbb{k} - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right.$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \right. \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{t - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{t - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t + s) \cdot (t - I)}{n \cdot (t + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Big) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)} \sum_{(n_{ik}=n_i-j_{ik}+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k})} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - j_i)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_s+s-1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)} \sum_{(n_{is}=n+\mathbb{k}-j_s+2)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k})} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k})} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \right) \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - j_i)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(\iota+s) \cdot (\iota-I)}{n \cdot (\iota+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
& \left. \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right) \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot k + 2)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - j_{sa}^s + 2)! \cdot (n-s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_i)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
 \left. \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right) \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (n-s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(2 \cdot n_{is} + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_i - n - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (n+j_{sa}^s-s-j_s)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
 \left. \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right) \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i-2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
 \left. \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right) \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i-2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(\iota+s) \cdot (\iota-I)}{n \cdot (\iota+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
& \left. \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \right) \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i-2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2 \cdot \mathbb{k}-1)!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\mathbf{n}-2 \cdot \mathbb{k}-j_{sa}^s-1)! \cdot (\mathbf{n}-s)!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_{is}+n_{ik}+j_{ik}-n_s-j_i-s-2 \cdot \mathbb{k}-1)!}{(n_{is}+n_{ik}+j_s+j_{ik}-n_s-j_i-\mathbf{n}-2 \cdot \mathbb{k}-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^s-s-j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbb{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbb{n}+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=\mathbb{n}-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \left. \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
 & \sum_{(n_i=\mathbb{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=\mathbb{n}_i-j_{i_k}+1)}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(n_s + j_{i_k} - j_s - s)!}{(n_s + j_{i_k} - \mathbf{n} - j_{s_a}^s)! \cdot (\mathbf{n} - s)!} - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n)} \sum_{j_i=j_{i_k}+1} \\
 & \sum_{(n_i=\mathbb{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbb{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbb{n}_{i_s}+j_s-j_{i_k})}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(n_s + j_{i_k} - j_s - s)!}{(n_s + j_{i_k} - \mathbf{n} - j_{s_a}^s)! \cdot (\mathbf{n} + j_{s_a}^s - s - j_s)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s-1)} \sum_{j_i=j_{i_k}+1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \left. \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}+1)}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(n_s - j_{s_a}^s - 1)!}{(n_s + j_{i_k} - n - j_{s_a}^s)! \cdot (n - j_{i_k} - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n)} \sum_{j_i=j_{i_k}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(n_s - j_{s_a}^s - 1)!}{(n_s + j_{i_k} - n - j_{s_a}^s)! \cdot (n - j_{i_k} - 1)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s-1)} \sum_{j_i=j_{i_k}+1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
& \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \cdot \\
& \left. \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}+1)}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_i - n_s - j_s - j_{i_k} - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_i - n_s - j_{i_k} - n - 2 \cdot \mathbb{k} - j_{s_a}^s)! \cdot (n-s)!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n)} \sum_{j_i=j_{i_k}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
& \frac{(n_s - j_{s_a}^s - 1)!}{(n_s + j_{i_k} - n - j_{s_a}^s)! \cdot (n - j_{i_k} - 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s-1)} \sum_{j_i=j_{i_k}+1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k} - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k})} \sum_{n_s = \mathbf{n} - j_i + 2}^{n_{i_k} + j_{i_k} - j_i - \mathbb{k}} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \left. \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s = 1} \sum_{j_{i_k} = j_{s_a}^{i_k}} \sum_{(j_i = j_{i_k} + 1)} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{i_k} = n_i - j_{i_k} + 1)}^{(n)} \sum_{n_s = n_{i_k} + j_{i_k} - j_i - \mathbb{k}} \\
 & \frac{(3 \cdot n_i - n_{i_k} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} + 3)!}{(3 \cdot n_i - n_{i_k} - n_s - 2 \cdot j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{s_a}^s + 3)! \cdot (\mathbf{n} - s)!} \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{i_k} = j_s + j_{s_a}^{i_k} - 1)}^{(n)} \sum_{j_i = j_{i_k} + 1} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k} - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = n_{i_s} + j_s - j_{i_k})}^{(n)} \sum_{n_s = n_{i_k} + j_{i_k} - j_i - \mathbb{k}} \\
 & \frac{(n_s - j_{s_a}^s - 1)!}{(n_s + j_{i_k} - \mathbf{n} - j_{s_a}^s)! \cdot (\mathbf{n} - j_{i_k} - 1)!}
 \end{aligned}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s = 1}^{(n-1)} \sum_{(j_{i_k} = s - 1)} \sum_{j_i = j_{i_k} + 1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(2 \cdot n_{is} + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \left. \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}+1)}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_i + 3 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_i - n - 2 \cdot \mathbb{k} - 1)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n)} \sum_{j_i=j_{i_k}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
 & \frac{(3 \cdot n_{i_s} + 2 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_{i_s} + 3 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_i - n - 2 \cdot \mathbb{k} - 1)! \cdot (n + j_{s_a}^s - s - j_s)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{i_k}=s-1)}^{(n-1)} \sum_{j_i=j_{i_k}+1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned} & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\ & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\ & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\ & \left. \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\ & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_i=j_{i_k}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\ & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}+1)}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\ & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_{i_k} - s - 2 \cdot \mathbb{k} - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_{i_k} - n - 2 \cdot \mathbb{k} - j_{i_k}^s - 2)! \cdot (n - s)!} \\ & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{i_k}^{\mathbb{k}}-1)}^{(n)} \sum_{j_i=j_{i_k}+1} \\ & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\ & \frac{(3 \cdot n_{i_s} + 2 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_{i_k} - s - 2 \cdot \mathbb{k} - 2)!}{(3 \cdot n_{i_s} + 3 \cdot j_s - n_{i_k} - n_s - 2 \cdot j_{i_k} - n - 2 \cdot \mathbb{k} - j_{i_k}^s - 2)! \cdot (n + j_{i_k}^s - s - j_s)!} \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s-1)} \sum_{j_i=j_{i_k}+1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
& \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \cdot \\
& \left. \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=\mathbf{n}_i-j_{i_k}+1)}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_{i_k} + j_{i_k} - n_s - j_s - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{i_k} + j_{i_k} - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - j_{s_a}^s - 2)! \cdot (\mathbf{n} - s)!} \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n)} \sum_{j_i=j_{i_k}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{(n)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_{i_k} + j_{i_k} - n_s - j_s - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{i_k} + j_{i_k} - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - j_{s_a}^s - 2)! \cdot (\mathbf{n} + j_{s_a}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s-1)} \sum_{j_i=j_{i_k}+1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_k-1} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i+n_{ik}-n_s-s-2 \cdot \mathbb{k}-2)!}{(n_i+n_{ik}+j_s-n_s-n-2 \cdot \mathbb{k}-j_{sa}^s-2)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_{is}+n_{ik}-n_s-s-2 \cdot \mathbb{k}-2)!}{(n_{is}+n_{ik}+j_s-n_s-n-2 \cdot \mathbb{k}-j_{sa}^s-2)! \cdot (n+j_{sa}^s-s-j_s)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right. \\
 \left. \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \right) \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \left(\frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!} \right)_{j_i} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \left(\frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s)!} \right)_{j_i}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\
 &\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 &\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 &\quad \left. \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 &\quad \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Big) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)! \cdot (n_{ik} - n_s - k - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)! \cdot (j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{is} - 1)! \cdot (n_{is} - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)! \cdot (j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i + j_s - j_i - k - j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i + j_s - j_i - I - j_{sa}^s)!}{(n_i - n - I)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z : z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
\end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - k - 2 \cdot j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - I - 2 \cdot j_{sa}^s)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \right)$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n_i-j_{ik}+1)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k - 1)!}{(n_i - n - k - 1)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!} - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_s+s-1} \sum_{(n_i=n+k+1)} \sum_{n_{is}=n+k-j_s+2} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - I)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n+k-j_{ik}+2)} \sum_{n_{is}=n-j_i+2} \sum_{(i=2)}^{(n_i-j_{ik}+1)} \sum_{n_{ik}+j_{ik}-j_i-k} \sum_{(n-j_i+1)} \right) \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - k - 1)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - I)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \right. \\
&\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
&\quad \left. \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
&\quad \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - l_k - j_{sa}^s - 1)!}{(n_i - n - l_k - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}
 \end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - I - j_{sa}^s)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\ &\quad \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right. \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\ &\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\ &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \right) \end{aligned}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) +$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right)$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - l}{n - s - l + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(n_i+n+\mathbb{k}-1)! \cdot (n+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\mathbb{k}-1)!} \cdot \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}^{(\)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}^{(\)}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s-I)!}{(n_i-n-I)! \cdot (n+j_{ik}+j_{sa}^s-j_s-j_{sa}^{ik}-s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z = z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{i_s=n+l_k-j_s+2}}^{n_i-j_s+1} \sum_{(n_{i_k=n+l_k-j_{i_k}+2})}^{(n_{i_s+j_s-j_{i_k}})} \sum_{n_s=n-j_i+2}^{n_{i_k+j_{i_k}-j_i-l_k} (n-j_i+1)} \sum_{(i=2)} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \\
 & \frac{(n_{i_k} - n_s - l_k - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i - l_k)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{s_a}^{i_k}-s)} \sum_{(j_{i_k}=j_{s_a}^{i_k})} \sum_{j_i=j_{i_k}+s-j_{s_a}^{i_k}+1}^n \right) \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{i_k=n+l_k-j_{i_k}+2})}^{(n_i-j_{i_k}+1)} \sum_{n_s=n-j_i+2}^{n_{i_k+j_{i_k}-j_i-l_k} (n-j_i+1)} \sum_{(i=2)} \\
 & \frac{(j_{i_k} - 2)!}{(j_{i_k} - j_{s_a}^{i_k})! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(j_i - j_{i_k} - 1)!}{(j_i + j_{s_a}^{i_k} - j_{i_k} - s)! \cdot (s - j_{s_a}^{i_k} - 1)!} \cdot \\
 & \frac{(n_i - n_{i_k} - 1)!}{(j_{i_k} - 2)! \cdot (n_i - n_{i_k} - j_{i_k} + 1)!} \cdot \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(n+j_{s_a}^{i_k}-s)} \sum_{j_i=j_{i_k}+s-j_{s_a}^{i_k}+1}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{i_s=n+l_k-j_s+2}}^{n_i-j_s+1} \sum_{(n_{i_k=n+l_k-j_{i_k}+2})}^{(n_{i_s+j_s-j_{i_k}})} \sum_{n_s=n-j_i+2}^{n_{i_k+j_{i_k}-j_i-l_k} (n-j_i+1)} \sum_{(i=2)} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - j_{s_a}^{i_k} + 1)! \cdot (j_{s_a}^{i_k} - 2)!} \cdot \frac{(j_i - j_{i_k} - 1)!}{(j_i + j_{s_a}^{i_k} - j_{i_k} - s)! \cdot (s - j_{s_a}^{i_k} - 1)!}
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k})} \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!} \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_s+s-1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k})} \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{(n_s=\mathbf{n}-j_i+2)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \right) \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i+j_{ik}-j_i-\mathbb{k}-j_{sa}^{ik}-1)!}{(n_i-\mathbf{n}-\mathbb{k}-1)! \cdot (\mathbf{n}+j_{ik}-j_i-j_{sa}^{ik})!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i+j_{ik}-j_i-I-j_{sa}^{ik})!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_{ik}-j_i-j_{sa}^{ik})!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z; z = 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\
 &\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 &\quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 &\quad \left. \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \right) + \\
 &\quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 &\quad \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Big) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - I)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^a}^{ik} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}
 \end{aligned}$$

$$\left(\frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{i_s}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\left(\frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s)!} \right)_{j_i}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \right.$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k-j_s+1}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \right. \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \right. \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_i-s-k-1)!}{(n_i-n-k-1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s-1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \right. \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+l+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}$$

$$\frac{(n_i + j_s - j_{ik} - lk - j_{sa}^s - 2)!}{(n_i - n - lk - 1)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+l+1)}^{(n)} \sum_{n_{is}=n+l-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}$$

$$\frac{(n_i + j_s - j_{ik} - I - j_{sa}^s - 1)!}{(n_i - n - I)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right.$$

$$\sum_{(n_i=n+l+1)}^{(n)} \sum_{(n_{ik}=n+l-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{(n_i=n+\mathbb{k}+1)} \sum_{(n_{ik}=n_i-j_{ik}+1)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - 2 \cdot j_{sa}^s)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!} \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n+\mathbb{k}+1)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{tk}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right)
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k)!}{(n_i - n - k - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right) \\
&\quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right) \\
&\quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}^{(n-j_i+1)} \sum_{(i=2)}^{(n)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k})!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}
 \end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
&\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
&\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right)
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_l-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-l_k-j_{sa}^s-1)!}{(n_i-n-l_k-1)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k})}^{()} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}} \frac{(n_i + j_s + j_{s_a}^{i_k} - j_{i_k} - s - I - j_{s_a}^s)!}{(n_i - n - I)! \cdot (n + j_s + j_{s_a}^{i_k} - j_{i_k} - s - j_{s_a}^s)!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s-1)} \sum_{j_i=j_{i_k}+1} \right) \cdot \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n+\mathbb{k}-j_{i_k}+2)}^{(n_i-j_{i_k}+1)} \sum_{n_s=n-j_i+2}^{n_{i_k}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{i_k} - 2)!}{(j_{i_k} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{i_k} - 1)!}{(j_{i_k} - 2)! \cdot (n_i - n_{i_k} - j_{i_k} + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{i_k}+1} \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n+\mathbb{k}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k})} \sum_{n_s=n-j_i+2}^{n_{i_k}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^a}^{ik} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}
 \end{aligned}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 2)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!} \cdot \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}^{(n)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)}$$

$$\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}^{(n)} \frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - I - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s-3)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{\iota k}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - 2)!} \cdot \frac{1}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - I - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s=n+k-j_s+2}}^{n_i-j_s+1} \sum_{(n_{i_k=n+k-j_{ik}+2})}^{(n_{i_s+j_s-j_{ik}})} \sum_{n_s=n-j_i+2}^{n_{i_k}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{ik})!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{i_k=n+k-j_{ik}+2})}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_k}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{i_k}-j_{ik}+1)!} \cdot \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{i_k}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s=n+k-j_s+2}}^{n_i-j_s+1} \sum_{(n_{i_k=n+k-j_{ik}+2})}^{(n_{i_s}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{ik})!} \cdot \\
 & \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{i_k}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i - \mathbb{k} - j_{sa}^{ik} - 2)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - j_{sa}^{ik} - 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i - I - j_{sa}^{ik} - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - j_{sa}^{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{t - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\substack{(n) \\ (n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\substack{(\) \\ (n_{ik}=\mathbf{n}_i-j_{ik}+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k})!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{t - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_{ik}+1)} \sum_{\substack{(n) \\ (n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{\substack{(\) \\ (n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - I + 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t + s) \cdot (t - I)}{n \cdot (t + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{\substack{(n) \\ (n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\substack{(\) \\ (n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \right) \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \sum_{j_s=1} \sum_{ik=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_s - s - k - j_{sa}^s - 1)!}{(n_i + j_s - n - k - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_{is} - s - k - 1)!}{(n_{is} + j_s - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-l)}{n \cdot (t+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 &\quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 &\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i + j_s - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_{is} - s - \mathbb{k} - 1)!}{(n_{is} + j_s - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = \mathbf{n} < \mathbf{n} \wedge \mathbf{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = \mathbf{s} + 1 \vee$$

$$I = \mathbf{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbf{k} > 0 \wedge I = 1 \wedge \mathbf{s} = \mathbf{s} + \mathbf{k} + 1 \wedge \mathbf{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbf{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbf{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbf{k})!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbf{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 &\quad \left. \frac{(n_{ik}-n_s-\mathbf{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbf{k})!} \right) + \\
 &\quad \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j_{ik}-n-\mathbb{k}-j_{sa}^s-1)! \cdot (n-s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_k}^{()}$$

$$\frac{(n_{ik} + j_{ik} - j_s - l_k - 1)!}{(n_{ik} + j_{ik} - n - l_k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge l_{k_z}: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{()} \right. \right.$$

$$\left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \right.$$

$$\left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \right.$$

$$\left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right.$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{()}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \quad \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \quad \left. \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-i+1)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n_i-j_{ik}+1)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - k + 1)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - k - j_{sa}^s + 1)! \cdot (n - s)!} - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_s+s-1} \sum_{(n_i=n+k+1)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_{ik} + j_{sa}^{ik} - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - k - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(2 \cdot n_{is} + j_s - n_{ik} - j_{ik} - s - k - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_{ik} - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
&\quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
&\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
&\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}^{(n-j_i+1)} \sum_{(i=2)}^{(n)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_{ik} + j_i - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j_i - n - \mathbb{k} - j_{sa}^s - 2)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_{ik} + j_i - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j_i - n - \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_l-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(n_{ik}+j_{sa}^{ik}-s-l_k-j_{sa}^s-1)!}{(n_{ik}+j_i-n-l_k-j_{sa}^s-2)! \cdot (n+j_{sa}^{ik}-s-j_i+1)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_i - n - \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right)$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s-2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - k + 2)!}{(2 \cdot n_i - n_{ik} - j_i - n - k - j_{sa}^s + 2)! \cdot (n-s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \frac{(n_{ik} + j_{sa}^{lk} - s - lk - j_{sa}^s - 1)!}{(n_{ik} + j_i - n - lk - j_{sa}^s - 2)! \cdot (n + j_{sa}^{lk} - s - j_i + 1)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \right. \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \sum_{(i=2)}^{(n-j_i+1)} \\ \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \sum_{(i=2)}^{(n-j_i+1)} \\ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \mathbb{k})!} \cdot \frac{1}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(2 \cdot n_{is} + j_s - n_{ik} - j_i - s - \mathbb{k})!} \cdot \frac{1}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_i - \mathbf{n} - \mathbb{k} - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(\mathbf{n}-j_i+1)}}{\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i - n_{ik} - 1)! \cdot (n_{ik} - n_s - \mathbb{k} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)! \cdot (j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(\mathbf{n}-j_i+1)}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}^{()}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right) \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right)$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \right. \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_i)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right.$$

$$\left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (n-s)!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_s-j_{sa}^s-1)!}{(n_s+j_i-n-j_{sa}^s-1)! \cdot (n-j_i)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \right. \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-l_k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-l_k)!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} + 2)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (n - s)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}
\end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_i)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \\ &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \\ &\quad \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\ &\quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\ &\quad \left. \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - 1)!} \cdot \frac{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}{(D - s)! \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_s+s-1}}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(2 \cdot n_{is} + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - 1)!} \cdot \frac{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}{D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right)$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)}}{(j_{ik}-2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$
 $I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \right. \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \right) +$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& \left((D-s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n_i-j_{ik}+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k)} \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n - s)!} - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_s+s-1)} \sum_{(n_i=n+k+1)} \sum_{n_{is}=n+k-j_s+2} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k)} \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge k_z: z = 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n+k-j_{ik}+2)} \sum_{(n_s=n-j_i+2)} \sum_{(i=2)}^{(n_i-j_{ik}+1)} \sum_{(n_{ik}+j_{ik}-j_i-k)} \sum_{(n-j_i+1)} \right) \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \left((D - s)! \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot k - 1)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_{is} + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot k - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right) \\
 &\quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right) \\
 &\quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_s + j_{ik} - j_s - s)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_s + j_{ik} - j_s - s)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_l-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(n_s-j_{sa}^s-1)!}{(n_s+j_{ik}-n-j_{sa}^s)! \cdot (n-j_{ik}-1)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{i_s}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} - j_{ik} - 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$\begin{aligned} {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \\ & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ & \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) + \right. \\ & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\ & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \\ & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\ & \left. \frac{(n_i - n_{i_s} - 1)!}{(j_s-2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - 1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik})!} \right) + \\ & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \right) + \end{aligned}$$

$$\begin{aligned}
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k - j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk}^{()} \\ \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)}}{\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \sum_{(i=2)}^{(n-j_i+1)}} \cdot \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\ \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\ (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{()} \\ \sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-lk-1} \sum_{(i=2)}^{(n-j_i+1)} \\ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot k + 3)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - j_{sa}^s + 3)! \cdot (n - s)!}}{\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s=n+k-j_s+2}}^{n_i-j_s+1} \sum_{(n_{i_k=n+k-j_{ik}+2})}^{(n_{i_s+j_s-j_{ik}})} \sum_{n_s=n-j_i+2}^{n_{i_k}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{ik})!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{i_k=n+k-j_{ik}+2})}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_k}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{i_k}-j_{ik}+1)!} \cdot \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{i_k}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s=n+k-j_s+2}}^{n_i-j_s+1} \sum_{(n_{i_k=n+k-j_{ik}+2})}^{(n_{i_s}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{i_k}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{ik})!} \cdot \\
 & \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{i_k}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\begin{aligned}
& \left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!} \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} - j_{ik} - 1)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \right. \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \\
& \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \right)
\end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\substack{(n) \\ (n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\substack{(\cdot) \\ (n_{ik}=\mathbf{n}_i-j_{ik}+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_{ik}+1)} \sum_{\substack{(n) \\ (n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\substack{n_i-j_s+1 \\ (n_{is}=\mathbf{n}+\mathbb{k}-j_s+2)}} \sum_{\substack{(\cdot) \\ (n_{ik}=\mathbf{n}_{is}+j_s-j_{ik})}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(2 \cdot n_{is} + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \sum_{\substack{(n) \\ (n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\substack{(n_i-j_{ik}+1) \\ (n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}} \sum_{\substack{n_{ik}-\mathbb{k}-1 \\ (n_s=\mathbf{n}-j_i+2)}} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot \mathbb{k} - 1)! \cdot (n-s)!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k})!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot \mathbb{k} - 1)! \cdot (n+j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_i=j_s^{\mathbb{k}}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n - s)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{\mathbb{k}}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = \mathbf{n} < \mathbf{n} \wedge \mathbf{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbf{k} + 1 \wedge s > 1 \wedge \mathbf{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbf{k} + 1 \wedge$$

$$\mathbf{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbf{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \\ &\quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\ &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) + \right. \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbf{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbf{k}-1} \sum_{(i=2)}^{(n-j_i+1)} \\ &\quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\ &\quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \right) + \\ &\quad \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right) \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot k - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=n-j_i+2}^{n_{ik}-k-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \\
& \quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) + \right. \\
& \quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \\
& \quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \right) - \\
& \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \quad \frac{(n_i+n_{ik}-n_s-s-2 \cdot \mathbb{k}-2)!}{(n_i+n_{ik}+j_s-n_s-\mathbf{n}-2 \cdot \mathbb{k}-j_{sa}^s-2)! \cdot (\mathbf{n}-s)!}
\end{aligned}$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+lk+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+lk-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk} \\
& \frac{(n_{is} + n_{ik} - n_s - s - 2 \cdot lk - 2)!}{(n_{is} + n_{ik} + j_s - n_s - \mathbf{n} - 2 \cdot lk - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
\end{aligned}$$

GÜLDÜNYA

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\ &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\ &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \right. \\ &\quad \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right) \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n
 \end{aligned}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 2)}^{(n_{i_s} + j_s - j_{ik} - \mathbb{k}_1)} \sum_{n_s = \mathbf{n} - j_i + 2}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1}^{l-I} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(\)} \sum_{j_i = j_s + s - 1}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n_{i_s} + j_s - j_{ik} - \mathbb{k}_1)}^{(\)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\left(\frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s)!} \right)_{j_i}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
& \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
& \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
& \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - s)!} \right)_{j_i}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s} \right. \right.$$

$$\left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right.$$

$$\left. \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \right) \right)$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
& \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
\end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s - 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n - s)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n - s - 1)!}
\end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 &\quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 &\quad \left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 &\quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{ik}-j_{ik})!}$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-\mathbb{k}-j_{sa}^s-1)!}{(n_i-n-\mathbb{k}-1)! \cdot (n+j_s-j_i-j_{sa}^s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-l+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_s+s-1}^{()}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-l-j_{sa}^s)!}{(n_i-n-l)! \cdot (n+j_s-j_i-j_{sa}^s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right. \\
&\quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
&\quad \left. \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
&\quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
&\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
&\quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
&\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right.
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - j_i - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_s - j_i - j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - j_i - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_s - j_i - j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - k - 2 \cdot j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - I - 2 \cdot j_{sa}^s)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{()} \right. \right.$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) +$$

$$\left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right.$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j_{ik}^{ik}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}}{} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{\binom{\mathbf{n}}{}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (n-j_i)!} \Big) \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{\binom{\mathbf{n}}{}} \sum_{(n_{ik}=\mathbf{n}-j_{ik}-\mathbb{k}_1+1)}^{\binom{\mathbf{n}}{}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-2 \cdot s-\mathbb{k}-1)!}{(n_i-\mathbf{n}-\mathbb{k}-1)! \cdot (\mathbf{n}+j_i+j_{sa}^s-j_s-2 \cdot s)!} \cdot \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{\binom{\mathbf{n}}{}} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{\binom{\mathbf{n}}{}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{\binom{\mathbf{n}}{}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-2 \cdot s-I)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_i+j_{sa}^s-j_s-2 \cdot s)!}
 \end{aligned}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \right)$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \quad \left. \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \right. \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \quad \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - l}{n - s - l + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - I)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{()} \right.$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) +$$

$$\left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right.$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j_{ik}^{ik}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-k-j_{sa}^s-1)!}{(n_i-n-k-1)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-I-j_{sa}^s)!}{(n_i-n-I)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right. \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
&\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\
&\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
&\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
&\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
&\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}
\end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{()} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j_{ik}^{ik}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left(\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - k - 1)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_{sa} - 2 \cdot j_{sa}^{ik} - I)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_{sa} - 2 \cdot j_{sa}^{ik})!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right.
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \quad \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_i + j_{ik} - j_i - \mathbb{k} - j_{sa}^{ik} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!} \cdot \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} - j_i - I - j_{sa}^{ik})!}{(n_i - n - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{ik} - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\frac{(n_i + j_{ik} - j_i - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{ik} - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\begin{aligned} & \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{()} \right. \\ & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ & \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\ & \left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \right. \\ & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\ & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \right. \\ & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\ & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \right) \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j_{ik}^{ik}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s-k-1)!}{(n_i-n-k-1)! \cdot (n+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s-I)!}{(n_i-n-I)! \cdot (n+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
&\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\
&\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
&\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
&\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n-s+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \left. \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \right.
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \left. \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\bar{a}}^{ik}} \sum_{(j_i=j_{ik}+1)} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \left(\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n - s)!} \right)_{j_i} - \right.
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{i_s}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{i_s}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s)!} \right)_{j_i}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{(D-n)!} \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i-n_{ik}-lk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-lk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{i_s}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{ik}-lk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{i_s}+j_s-n_{ik}-j_{ik}-lk_1)!} \cdot$$

$$\left. \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \left(\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} \right)_{j_i} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \left(\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} \right)_{j_i}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n-s+1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right)$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\bar{a}}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_i-s-lk_1-lk_2-1)!}{(n_i-n-lk_1-lk_2-1)! \cdot (n-s-1)!}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i-n_{ik}-lk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-lk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-lk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-lk_1)!}$$

$$\left. \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \left(\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_s - j_{ik} - \mathbb{k} - j_{sa}^s - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_s - j_{ik} - I - j_{sa}^s - 1)!}{(n_i - n - I)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - j_{ik} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - j_{ik} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \right.$$

$$\left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right)^+$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \quad \left. + \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \\
 & \quad \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \quad \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - k - 2 \cdot j_{sa}^s)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^s)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k)!}{(n_i - n - k - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right)^+$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^s-j_s-2 \cdot s-lk_1-lk_2)!}{(n_i-n-lk_1-lk_2-1)! \cdot (n+j_{ik}+j_{sa}^s-j_s-2 \cdot s+1)!}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i-n_{ik}-lk_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-lk_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-lk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-lk_1)!}$$

$$\left. \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
& \quad \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
& \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k})!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\mathbf{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}}^{n_i-j_{ik}-\mathbb{k}_1+1} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - k - j_{sa}^s)!}{(n_i - n - k - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+j_s+j_{sa}^{lk}-j_i-s-I-j_{sa}^s+1)!}{(n_i-n-I)! \cdot (n+j_s+j_{sa}^{lk}-j_i-s-j_{sa}^s+1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{(D-n)!} \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-k_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-k_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
& \quad \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
& \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - k_1 - k_2 - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - k_1 - k_2 - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 2)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - I - 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \quad \left. + \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \\
 & \quad \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
& \quad \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
& \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - I - 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k}_1 - \mathbb{k}_2 - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k}_1 - \mathbb{k}_2 - 2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Bigg) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(n_i-k-j_{sa}^{ik}-2)!}{(n_i-n-k-1)! \cdot (n-j_{sa}^{ik}-1)!}
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - I - j_{sa}^{ik} - 1)!}{(n_i - n - I)! \cdot (n - j_{sa}^{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) +$$

$$\begin{aligned}
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
& \quad \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
& \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k_1 - k_2 - j_{sa}^{ik} - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - j_{sa}^{ik} - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k_1 - k_2 - j_{sa}^{ik} - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k})!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - I + 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s} \right.$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}}^{n_i-j_{ik}-\mathbb{k}_1+1} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (n + j_{sa}^{ik} - 2 \cdot s + 1)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{sa}^{lk} - 2 \cdot s - k_1 - k_2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{sa}^{lk} - 2 \cdot s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{\binom{)}{}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{\binom{)}{}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i + j_s - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_{is} - s - \mathbb{k} - 1)!}{(n_{is} + j_s - n - \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(n_i + j_s - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} -$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(n_{is} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_{is} + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sA}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_i + j_s - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i + j_s - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=\mathbf{n}_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_{is} - s - \mathbb{k} - 1)!}{(n_{is} + j_s - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\)} \sum_{j_i=j_s+s-1} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \right)$$

$$\begin{aligned}
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
& \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_s - s - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i + j_s - n - k_1 - k_2 - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_{sa}^s-k_2} \\
 & \frac{(n_{is} - s - k_1 - k_2 - 1)!}{(n_{is} + j_s - n - k_1 - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\ &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\ &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (n - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2 - 1)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2)}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2 - 1)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right) \right)$$

$$\begin{aligned}
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \left. \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \right. \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \right. \\
 & \left. \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \right. \\
 & \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \right. \\
 & \left. \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right.
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Big) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik}+j_{ik}+k_1-j_s-s-k-1)!}{(n_{ik}+j_{ik}+k_1-n-k-j_{sa}^s-1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik}+j_{ik}+k_1-j_s-s-k-1)!}{(n_{ik}+j_{ik}+k_1-n-k-j_{sa}^s-1)! \cdot (n+j_{sa}^s-s-j_s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right.$$

$$\left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right.$$

$$\left. \frac{(n_i-n_{ik}-k_1-1)!}{(j_i-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \right.$$

$$\left. \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \quad \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Bigg) - \\
 & \quad \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(n_{ik}+j_{sa}^{ik}-s-k_2-j_{sa}^s-1)!}{(n_{ik}+j_{ik}-n-k_2-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\ \frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-j_{sa}^s-1)!}{(n_{ik}+j_{ik}-\mathbf{n}-\mathbb{k}_2-j_{sa}^s-1)! \cdot (\mathbf{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\ \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ \left. (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \right. \\ \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\ \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \right)$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\
 &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 &\quad \left((D-s) \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 &\quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right) \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}
\end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+l_k+1)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-l_{k_2})} \frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot l_{k_1} - l_{k_2} + 1)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - 2 \cdot l_{k_1} - l_{k_2} - j_{sa}^s + 1)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_s+s-1)} \sum_{(n_i=n+l_k+1)} \sum_{(n_{is}=n+l_{k_1}+l_{k_2}-j_s+2)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{(n_s=n_{ik}+j_{ik}-j_i-l_{k_2})} \frac{(n_{ik} + j_{sa}^{ik} + l_{k_1} - s - l_k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + l_{k_1} - n - l_k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$$

$$s = s + l_k + 1 \wedge l_{k_z}: z = 1 \wedge l_k = l_{k_2} \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_i - j_{ik} - k_1 + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{()} \sum_{j_i = j_s + s - 1} \\
 & \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{n_{is} = n + k_1 + k_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik} - k_1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s = 1}^{()} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^n \right. \right. \\
 & \left. \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_i - j_{ik} - k_1 + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^n \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k + 1)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(i+s) \cdot (i-I)}{n \cdot (i+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \right.$$

$$\left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k + 1)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n - s)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j_{ik} - s - 2 \cdot k_1 - k_2 - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_{ik} - n - 2 \cdot k_1 - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j_{ik} - n - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}^{()} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 &\quad \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 &\quad \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \qquad \qquad \qquad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \qquad \qquad \qquad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \qquad \qquad \qquad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_{ik} + j_i - j_s - s - \mathbb{k}_2 - 2)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_{ik} + j_i - j_s - s - \mathbb{k}_2 - 2)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s} \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
 \end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right) \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Big) -
\end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_i + \mathbb{k}_1 - j_s - s - \mathbb{k} - 2)!}{(n_{ik} + j_i + \mathbb{k}_1 - n - \mathbb{k} - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_{ik} + j_i + lk_1 - j_s - s - lk - 2)!}{(n_{ik} + j_i + lk_1 - n - lk - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) +$$

$$\begin{aligned}
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \right. \\
 & \quad \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - j_{sa}^s - 1)!}{(n_{ik} + j_i - n - k_2 - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - j_{sa}^s - 1)!}{(n_k + j_i - n - k_2 - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
& \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{n_i-j_{ik}-k_1+1} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - 2 \cdot k_1 - k_2 + 2)!}{(2 \cdot n_i - n_{ik} - j_i - n - 2 \cdot k_1 - k_2 - j_{sa}^s + 2)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j_i - s - 2 \cdot \mathbb{k} + 2)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_i - n - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_i + \mathbb{k}_1 - n - \mathbb{k} - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j_i - s - 2 \cdot \mathbb{k} + 2)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_i=j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j_i - s - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2}} \sum_{n_s=\mathbf{n}-j_i+2}^{n_i-j_{ik}-\mathbb{k}_1+1} \sum_{n_{ik}=\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right)^+$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_i - s - 2 \cdot k + 2)!}{(2 \cdot n_i + k_2 - n_{ik} - j_i - n - 2 \cdot k - j_{sa}^s + 2)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(2 \cdot n_{is} + j_s + lk_2 - n_{ik} - j_i - s - 2 \cdot lk)!}{(2 \cdot n_{is} + 2 \cdot j_s + lk_2 - n_{ik} - j_i - n - 2 \cdot lk - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - lk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - lk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_s + j_i - j_s - s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\ &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\ &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k1}+l_{k2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k1}+l_{k2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k2}}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \left(\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - j_i)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - \mathbf{n} - j_{sa}^s - 1)! \cdot (\mathbf{n} - j_{sa}^s)!} -$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right) \right)$$

$$\begin{aligned}
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Big) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot k_1 - 2 \cdot k_2 + 1)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \right.$$

$$\left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right)$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
& \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot k + 1)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n - s)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$

$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - lk_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - lk_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 2)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s + 2)! \cdot (n - s)!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 &\quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 &\quad \left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_k-2-j_{ik}+2)}^{(n_i-j_{ik}-l_k+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_k-2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_k)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_k-2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_k-2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_k)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_k}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+1)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)} \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot k - k_1 + 2)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - k_1 - j_{sa}^s + 2)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_s+s-1)} \sum_{(n_i=n+k+1)} \sum_{(n_{is}=n+k_1+k_2-j_s+2)} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{(j_i=s)} \right)$$

$$\begin{aligned}
 & \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_i - j_{ik} - k_1 + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s = 2}^{n - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{()} \sum_{j_i = j_s + s - 1} \\
 & \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{n_{is} = n + k_1 + k_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik} - k_1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s = 1}^{()} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^n \right. \right. \\
 & \left. \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_i - j_{ik} - k_1 + 1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^n \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_i - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right.$$

$$\left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_i - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \right.$$

$$\left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \right. \\
 & \quad \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) - \\
 & \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
\end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot l_{k_1} - 2 \cdot l_{k_2} - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot l_{k_1} - 2 \cdot l_{k_2} - j_{sa}^s - 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot l_{k_1} - 2 \cdot l_{k_2} - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot l_{k_1} - 2 \cdot l_{k_2} - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\ &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\ &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \right. \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k2}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k1}+l_{k2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k2}} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k1}+l_{k2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k2}}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$
 $I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$
 $\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$
 $I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$
 $s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k_2 - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k_2 - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n+j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \right.$$

$$\left. \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right.$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_s+s-1}^{(\cdot)} \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
& \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
& \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) +
\end{aligned}$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & \quad \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \quad \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) \Bigg) - \\
 & \quad \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \Bigg)
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \cdot \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \cdot \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - 1)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - n - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (n - s)!} - \\
& \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_{is} + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} - n_s - j_i - n - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
\end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\quad \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\ &\quad \left. \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\ &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right) \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_i + n_{ik} + j_{ik} + l_{k_1} - n_s - j_i - s - 2 \cdot l_k - 1)!}{(n_i + n_{ik} + j_s + j_{ik} + l_{k_1} - n_s - j_i - n - 2 \cdot l_k - j_{sa}^s - 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_{is} + n_{ik} + j_{ik} + l_{k_1} - n_s - j_i - s - 2 \cdot l_k - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} + l_{k_1} - n_s - j_i - n - 2 \cdot l_k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \wedge j_{ik} = j_i - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$$

$$s = s + l_k + 1 \wedge l_{k_z}: z = 1 \wedge l_k = l_{k_2} \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\quad)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sA}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(n_s + j_{ik} - j_s - s)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_s + j_{ik} - j_s - s)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$

$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!}$$

$$\begin{aligned}
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\ & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\ & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\ & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \\ & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\ & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\ & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\ & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\ & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\ & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right)^+$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k - j_{sa}^s)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$

$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big)^ +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
 & \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 3)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s + 3)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 + 1)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right)$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot k - k_1 + 3)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - k_1 - j_{sa}^s + 3)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$

$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big)^ +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
 & \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 + 1)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s + 1)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}
 \end{aligned}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\cdot)}{\cdot} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\cdot)}{\cdot} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\cdot)}{\cdot} \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{n_i=j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-k_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}} \sum_{n_s=n-j_i+2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^{n} \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^{n} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot k - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_{ik} - s - 2 \cdot lk - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot lk - j_{sa}^s - 2)! \cdot (n-s)!}$$

$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$

$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big)^ +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{\binom{(\cdot)}{j_s}} \sum_{j_{ik}=s-1}^{\binom{(\cdot)}{j_{ik}}} \sum_{j_i=j_{ik}+2}^{\binom{(\cdot)}{j_i}} \right. \right. \\
 & \sum_{\substack{(n) \\ (n_i=n+k+1)}}^{\binom{(n)}{n_i}} \sum_{\substack{(n_i-j_{ik}-k_1+1) \\ (n_{ik}=n+k_2-j_{ik}+2)}}^{\binom{(n_i-j_{ik}-k_1+1)}{n_{ik}}} \sum_{\substack{n_{ik}+j_{ik}-j_i-k_2 \\ n_s=n-j_i+2}}^{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{\binom{(n-1)}{j_s}} \sum_{j_{ik}=s}^{\binom{(n-1)}{j_{ik}}} \sum_{j_i=j_{ik}+1}^{\binom{(n-1)}{j_i}} \\
 & \sum_{\substack{(n) \\ (n_i=n+k+1)}}^{\binom{(n)}{n_i}} \sum_{\substack{(n_i-j_{ik}-k_1+1) \\ (n_{ik}=n+k_2-j_{ik}+2)}}^{\binom{(n_i-j_{ik}-k_1+1)}{n_{ik}}} \sum_{\substack{n_{ik}+j_{ik}-j_i-k_2 \\ n_s=n-j_i+2}}^{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{\binom{(n-s+1)}{j_s}} \sum_{j_{ik}=j_s+s-2}^{\binom{(\cdot)}{j_{ik}}} \sum_{j_i=j_{ik}+2}^{\binom{(\cdot)}{j_i}} \right. \\
 & \sum_{\substack{(n) \\ (n_i=n+k+1)}}^{\binom{(n)}{n_i}} \sum_{\substack{n_i-j_s+1 \\ n_{is}=n+k_1+k_2-j_s+2}}^{\binom{n_i-j_s+1}{n_{is}}} \sum_{\substack{(n_{is}+j_s-j_{ik}-k_1) \\ (n_{ik}=n+k_2-j_{ik}+2)}}^{\binom{(n_{is}+j_s-j_{ik}-k_1)}{n_{ik}}} \sum_{\substack{n_{ik}+j_{ik}-j_i-k_2 \\ n_s=n-j_i+2}}^{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s}} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - s)!} \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
& \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
& \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
\end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=s+j_{sa}^{ik}-1}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{n_i=j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$
 $I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$
 $\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$
 $I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$
 $s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}_2-j_{ik}+2}} \sum_{n_s=n-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right)$$

$$\begin{aligned}
& (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
& \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
& \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
& \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \right. \\
& \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
\end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\bar{a}}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot k - k_1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - k_1 - 1)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot lk - lk_1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot lk - lk_1 - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$= n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!}$$

$$\left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
 & \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
 & \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot k_2 - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot k_2 - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - j_s - s - 2 \cdot k - 2)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!}
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot l_{k_1} - n_s - j_s - s - 2 \cdot l_k - 2)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot l_{k_1} - n_s - n - 2 \cdot l_k - j_{sa}^s - 2)! \cdot (n-s)!}$$

$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$

$l_{k_2}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \wedge j_{ik} = j_i - 1 \vee$

$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$

$s = s + l_k + 1 \wedge l_{k_2}: z = 1 \wedge l_k = l_{k_2} \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-l_{k_2}-1}$$

$$\frac{(n_i - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - l_{k_1} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}-l_{k_2}-1}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - l_{k_1})!}$$

$$\left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \right. \\
 & \left. \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + n_{ik} - n_s - s - 2 \cdot k_2 - k_1 - 2)!}{(n_i + n_{ik} + j_s - n_s - n - 2 \cdot k_2 - k_1 - j_{sa}^s - 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{is} + n_{ik} - n_s - s - 2 \cdot k_2 - k_1 - 2)!}{(n_{is} + n_{ik} + j_s - n_s - n - 2 \cdot k_2 - k_1 - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \left. \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right. \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\left. \left. \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + n_{ik} + k_1 - n_s - s - 2 \cdot k - 2)!}{(n_i + n_{ik} + j_s + k_1 - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{is} + n_{ik} + k_1 - n_s - s - 2 \cdot k - 2)!}{(n_{is} + n_{ik} + j_s + k_1 - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{D OSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s_a}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{s_a}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s)!} \right)_{j_i}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{s_a}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s_a}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\left(\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{s_a}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\left(\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} \right)_{j_i}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{s_a}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
& \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\alpha}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{s\alpha}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{s\alpha}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{\binom{()}{n_i=n+k+1}} \sum_{n_i=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_s+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \sum_{\binom{()}{n_i=n+k+1}}^{(n)} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{\binom{()}{n+j_{sa}^{ik}-s}} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{\binom{()}{n_i=n+k+1}}^{(n)} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\alpha}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{s\alpha}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{s\alpha}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{\binom{()}{n_i=n+k+1}} \sum_{n_i=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_s+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^n \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{\binom{()}{n_i=n+k+1}}^{(n)} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \left. \sum_{\binom{()}{n_i=n+k+1}}^{(n)} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - j_i - k - j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - j_i - I - j_{sa}^s)!}{(n_i - n - I)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - j_i - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - j_i - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - k - 2 \cdot j_{sa}^s - 1)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - I - 2 \cdot j_{sa}^s)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

- $D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$
- $I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$
- $k_z: z = 2 \wedge k = k_1 + k_2 \vee$
- $I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$
- $s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - k_1 - k_2 - 2 \cdot j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - k_1 - k_2 - 2 \cdot j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{\binom{()}{n_i=n+k+1}} \sum_{n_i=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_s+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \sum_{\binom{()}{n_i=n+k+1}}^{(n)} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{\binom{()}{n+j_{sa}^{ik}-s}} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{\binom{()}{n_i=n+k+1}}^{(n)} \sum_{\binom{()}{n_{ik}=n+k_2-j_{ik}+2}}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k - 1)!}{(n_i - n - k - 1)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - I)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$
 $I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$
 $k_z: z = 2 \wedge k = k_1 + k_2 \vee$
 $I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$
 $s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
\end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0 S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$D = \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
& \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - I - j_{sa}^s)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s} \right. \right.$$

$$\left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
& \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
\end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - k_1 - k_2 - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
\end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
& \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
& \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_{sa} - 2 \cdot j_{sa}^{ik} - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_{sa} - 2 \cdot j_{sa}^{ik})!}$$

$D = \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} - j_i - k - j_{sa}^{ik} - 1)!}{(n_i - n - k - 1)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} - j_i - I - j_{sa}^{ik})!}{(n_i - n - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} - j_i - k_1 - k_2 - j_{sa}^{ik} - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} - j_i - k_1 - k_2 - j_{sa}^{ik} - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \mathbb{k} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \right)$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_k+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
 \end{aligned}$$

$$\left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \left(\frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!} \right)_{j_i} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \left(\frac{(n_i - s - I)!}{(n_i - n - I)! \cdot (n - s)!} \right)_{j_i}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left(\left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s} \right. \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \right.$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.$$

$$\left. (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\quad)} \sum_{j_i=j_s+s-1} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{i_s}=\mathbf{n}+l_{k_1}+l_{k_2}-j_s+2)}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+l_{k_2}-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-l_{k_1})} \sum_{(n_s=\mathbf{n}-j_i+2)}^{n_{i_k}-l_{k_2}-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - l_{k_1} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k} - l_{k_1})!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{i_k}=s-1)}^{()} \sum_{j_i=j_{i_k}+2}^{\mathbf{n}} \right) \right. \\
 & \sum_{(n_i=\mathbf{n}+l_k+1)}^{(n)} \sum_{(n_{i_k}=\mathbf{n}+l_{k_2}-j_{i_k}+2)}^{(n_i-j_{i_k}-l_{k_1}+1)} \sum_{(n_s=\mathbf{n}-j_i+2)}^{n_{i_k}+j_{i_k}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{i_k} - 2)!}{(j_{i_k} - s + 1)! \cdot (s - 3)!} \cdot \right. \\
 & \frac{(n_i - n_{i_k} - 1)!}{(j_{i_k} - 2)! \cdot (n_i - n_{i_k} - j_{i_k} + 1)!} \cdot \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right. \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{i_k}=s)}^{()} \sum_{j_i=j_{i_k}+1}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+l_k+1)}^{(n)} \sum_{(n_{i_k}=\mathbf{n}+l_{k_2}-j_{i_k}+2)}^{(n_i-j_{i_k}-l_{k_1}+1)} \sum_{(n_s=\mathbf{n}-j_i+2)}^{n_{i_k}+j_{i_k}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{i_k} - 2)!}{(j_{i_k} - s + 1)! \cdot (s - 3)!} \cdot \right. \\
 & \frac{(n_i - n_{i_k} - 1)!}{(j_{i_k} - 2)! \cdot (n_i - n_{i_k} - j_{i_k} + 1)!} \cdot \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{i_k}=j_s+s-2)}^{()} \sum_{j_i=j_{i_k}+2}^{\mathbf{n}} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k}_1 + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k}_2 - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)} \sum_{n_s = \mathbf{n} - j_i + 2}^{n_{i_k} + j_{i_k} - j_i - \mathbb{k}_2} \sum_{(i=2)}^{(n - j_i + 1)} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \\
 & \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k}_1 + 1)}^{(n)} \sum_{n_{i_s} = \mathbf{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{i_k} = \mathbf{n} + \mathbb{k}_2 - j_{i_k} + 2)}^{(n_{i_s} + j_s - j_{i_k} - \mathbb{k}_1)} \sum_{n_s = \mathbf{n} - j_i + 2}^{n_{i_k} + j_{i_k} - j_i - \mathbb{k}_2} \sum_{(i=2)}^{(n - j_i + 1)} \\
 & \frac{(j_{i_k} - j_s - 1)!}{(j_{i_k} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{i_k} - 1)!}{(j_{i_k} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{i_k} - j_{i_k})!} \\
 & \frac{(n_{i_k} - n_s - 1)!}{(j_i - j_{i_k} - 1)! \cdot (n_{i_k} + j_{i_k} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{i - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{i_k} = j_{sA}^{i_k}} \sum_{(j_i = j_{i_k} + 1)}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k}_1 + 1)}^{(n)} \sum_{(n_{i_k} = n_i - j_{i_k} - \mathbb{k}_1 + 1)}^{(\cdot)} \sum_{n_s = n_{i_k} + j_{i_k} - j_i - \mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} - s)!} \right)_{j_i} -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{ik}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-lk_2}$$

$$\left(\frac{(n_i-s-lk_1-lk_2-1)!}{(n_i-n-lk_1-lk_2-1)! \cdot (n-s)!} \right)_{j_i}$$

$$D = n < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$$

$$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$$

$$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\frac{(D-s)!}{(j_s=1)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_i-j_{ik}-lk_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - lk_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - lk_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+lk+1)}^{(n)} \sum_{n_{is}=n+lk_1+lk_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+lk_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-lk_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-lk_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - lk_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - lk_1)!}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \quad \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \left(\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \quad \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \quad \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - s - k - 1)!}{(n_i - n - k - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_i - s - I)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} - s - 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \right. \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right. \\
 &\quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_s+s-1}^{(\cdot)} \\
 &\quad \left. \frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s - 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \cdot \\
& \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \Bigg) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1}^{\iota-I} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \\
& \frac{(n_i+j_s-j_{i_k}-\mathbb{k}-j_{s_a}^s-2)!}{(n_i-\mathbf{n}-\mathbb{k}-1)! \cdot (\mathbf{n}+j_s-j_{i_k}-j_{s_a}^s-1)!} \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(\)} \sum_{j_i=j_{i_k}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \\
& \frac{(n_i+j_s-j_{i_k}-I-j_{s_a}^s-1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_s-j_{i_k}-j_{s_a}^s-1)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{i_k} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{i_k} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{i_k} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=\mathbf{n}+lk+1)} \binom{()}{(n_{ik}=n_i-j_{ik}-lk_1+1)} \binom{()}{n_s=n_{ik}+j_{ik}-j_i-lk_2}} \frac{(n_i + j_s - j_{ik} - lk_1 - lk_2 - j_{sa}^s - 2)!}{(n_i - \mathbf{n} - lk_1 - lk_2 - 1)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!} - \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{lk}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=\mathbf{n}+lk+1)} \binom{n_i-j_s+1}{n_{is}=\mathbf{n}+lk_1+lk_2-j_s+2}} \binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-lk_1)} \binom{()}{n_s=n_{ik}+j_{ik}-j_i-lk_2}} \frac{(n_i + j_s - j_{ik} - lk_1 - lk_2 - j_{sa}^s - 2)!}{(n_i - \mathbf{n} - lk_1 - lk_2 - 1)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$D = \mathbf{n} < n \wedge lk = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk > 0 \wedge I = 1 \wedge s = s + lk + 1 \wedge$

$lk_z: z = 2 \wedge lk = lk_1 + lk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = lk + 1 \wedge s > 1 \wedge lk_2 > 0 \wedge lk_1 = 0 \wedge I = 1 \wedge$

$s = s + lk + 1 \wedge lk_z: z = 1 \wedge lk = lk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - k - 2 \cdot j_{sa}^s)!}{(n_i - n - k - 1)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - n - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-2 \cdot j_i-k_1-k_2-2 \cdot j_{sa}^s)!}{(n_i-n-k_1-k_2-1)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-2 \cdot j_i-2 \cdot j_{sa}^s+1)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-2 \cdot j_i-k_1-k_2-2 \cdot j_{sa}^s)!}{(n_i-n-k_1-k_2-1)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-2 \cdot j_i-2 \cdot j_{sa}^s+1)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) \Big) \Big) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k})!}{(n_i - \mathbf{n} - \mathbb{k} - 1)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - I + 1)!}{(n_i - \mathbf{n} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right) \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_{ik} + j_{s_a}^s - j_s - 2 \cdot s - k_1 - k_2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{s_a}^s - j_s - 2 \cdot s + 1)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(i+s) \cdot (i-I)}{n \cdot (i+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right)$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \right. \\
 & \quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \left. \right) + \\
 & \quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \cdot \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - k)!}{(n_i - n - k - 1)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - I + 1)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}^{()} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 &\quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 &\quad \left. \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - k_1 - k_2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - k_1 - k_2 + 1)!}{(n_i - n - k_1 - k_2)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right)
 \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n$$

$$\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n$$

$$\begin{aligned}
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \cdot \\
 & \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1}^{\iota-I} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+j_s+j_{s_a}^{i_k}-j_i-s-\mathbb{k}-j_{s_a}^s)!}{(n_i-\mathbf{n}-\mathbb{k}-1)! \cdot (\mathbf{n}+j_s+j_{s_a}^{i_k}-j_i-s-j_{s_a}^s+1)!} \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(\)} \sum_{j_i=j_{i_k}+1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+j_s+j_{s_a}^{i_k}-j_i-s-I-j_{s_a}^s+1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_s+j_{s_a}^{i_k}-j_i-s-j_{s_a}^s+1)!}
 \end{aligned}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{i_k} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{i_k} = j_i - 1 \Rightarrow$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!}
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - k_1 - k_2 - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - k_1 - k_2 - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I - 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - k - 2)!}{(n_i - n - k - 1)! \cdot (n + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\cdot)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - I - 1)!}{(n_i - n - I)! \cdot (n + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-k_1-k_2-2)!}{(n_i-n-k_1-k_2-1)! \cdot (n+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-k_1-k_2-2)!}{(n_i-n-k_1-k_2-1)! \cdot (n+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\quad)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - 2)!}{(n_i - n - \mathbb{k} - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!} \cdot \frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - I - 1)!}{(n_i - n - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right) \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right)$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \right. \\
 & \quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{()} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \left. \right) + \\
 & \quad \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \cdot \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k - j_{sa}^{ik} - 2)!}{(n_i - n - k - 1)! \cdot (n - j_{sa}^{ik} - 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_i - I - j_{sa}^{ik} - 1)!}{(n_i - n - I)! \cdot (n - j_{sa}^{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(i + s) \cdot (i - I)}{n \cdot (i + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}^{()} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k_1 - k_2 - j_{sa}^{ik} - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - j_{sa}^{ik} - 1)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k_1 - k_2 - j_{sa}^{ik} - 2)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}+\mathbb{k}_2-j_{i_k}+2)}^{(n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{i_k}-j_s-1)!}{(j_{i_k}-j_s-s+2)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{i_s}-1)!}{(j_s-2)! \cdot (n_i-n_{i_s}-j_s+1)!} \cdot \frac{(n_{i_s}-n_{i_k}-1)!}{(j_{i_k}-j_s-1)! \cdot (n_{i_s}+j_s-n_{i_k}-j_{i_k})!} \cdot \\
& \frac{(n_{i_k}-n_s-1)!}{(j_i-j_{i_k}-1)! \cdot (n_{i_k}+j_{i_k}-n_s-j_i)!} \cdot \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-2)! \cdot (\mathbf{n}-j_i-i+1)!} \right) \Bigg) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{i_k}=j_{s_a}^{i_k}} \sum_{(j_i=j_{i_k}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{i_k}=n_i-j_{i_k}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \\
& \frac{(n_i+j_{s_a}^{i_k}-2 \cdot s-\mathbb{k})!}{(n_i-\mathbf{n}-\mathbb{k}-1)! \cdot (\mathbf{n}+j_{s_a}^{i_k}-2 \cdot s+1)!} - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{i_k}=j_s+j_{s_a}^{i_k}-1)}^{(\)} \sum_{j_i=j_{i_k}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=n_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{i_k}+j_{i_k}-j_i-\mathbb{k}_2} \\
& \frac{(n_i+j_{s_a}^{i_k}-2 \cdot s-I+1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}+j_{s_a}^{i_k}-2 \cdot s+1)!}
\end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{i_k} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{i_k} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{i_k} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \right. \\
&\quad \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!} -$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} - 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=j_{sa}^{ik})}} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}_1+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right) \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}_1+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-k_2}} \frac{(n_i + j_s - s - k - j_{sa}^s - 1)!}{(n_i + j_s - n - k - j_{sa}^s - 1)! \cdot (n - s)!} - \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_s+s-1} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-k_2}} \frac{(n_{is} - s - k - 1)!}{(n_{is} + j_s - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=j_{sa}^{ik})}} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{t - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_s - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{t - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+j_{sa}^{ik}-1}} \sum_{j_i=j_s+s-1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+1}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{is} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_{is} + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t + s) \cdot (t - I)}{n \cdot (t + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s} \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - s - k - j_{sa}^s - 1)!}{(n_i + j_s - n - k - j_{sa}^s - 1)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{is} - s - k - 1)!}{(n_{is} + j_s - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\binom{(\)}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - s - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_i + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\)}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(\)}{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_{sa}^s-\mathbb{k}_2}$$

$$\frac{(n_{is} - s - \mathbb{k}_1 - \mathbb{k}_2 - 1)!}{(n_{is} + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{(\)}{(j_{ik}=j_{sa}^{ik})}} \sum_{j_i=s} \right. \right.$$

$$\left. \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\binom{(\)}{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}} \sum_{n_s=\mathbf{n}-j_i+2}^{n_i-j_{ik}-\mathbb{k}_1+1} \sum_{\binom{(\)}{(i=2)}}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{\binom{(\)}{(n-j_i+1)}} \right)$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right)
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-k_2-1)!}{(n_{ik}+j_{ik}-n-k_2-j_{sa}^s-1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-k_2-1)!}{(n_{ik}+j_{ik}-n-k_2-j_{sa}^s-1)! \cdot (n+j_{sa}^s-s-j_s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!}$$

$$\left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{ik} + k_1 - j_s - s - k - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{ik} + k_1 - j_s - s - k - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j_{sa}-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} - n - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-s)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right.$$

$$\left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \right.$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot k_1 - k_2 + 1)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - 2 \cdot k_1 - k_2 - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + k_1 - n - k - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(i+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - j_{sa}^s - 1)!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(i+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k + 1)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j_{ik} - s - 2 \cdot k_1 - k_2 - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_{ik} - n - 2 \cdot k_1 - k_2 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k + 1)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s + k_2 - n_{ik} - j_{ik} - s - 2 \cdot k - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s} \right. \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \right)$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) \Big) \Big) \Big) -
 \end{aligned}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k}_2 - 2)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=\mathbf{n}_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k}_2 - 2)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} + j_{sa}^s - s - j_s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(t + s) \cdot (t - I)}{n \cdot (t + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{(n_i = n + k_1 + 1)}^{(n)} \sum_{n_{is} = n + k_1 + k_2 - j_s + 2}^{n_i - j_s + 1} \sum_{(n_{ik} = n + k_2 - j_{ik} + 2)}^{(n_{is} + j_s - j_{ik} - k_1)} \sum_{n_s = n - j_i + 2}^{n_{ik} + j_{ik} - j_i - k_2} \sum_{(i=2)}^{(n - j_i + 1)} \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_i + k_1 - j_s - s - k - 2)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_{ik} + j_i + k_1 - j_s - s - k - 2)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(i+s) \cdot (i-I)}{n \cdot (i+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right)$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \right. \\
 & \quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{()} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right) \\
 & \quad \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) + \\
 & \quad (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \cdot \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - j_{sa}^s - 1)!}{(n_{ik} + j_i - n - k_2 - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - j_{sa}^s - 1)!}{(n_k + j_i - n - \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}^0S_0^{DOSD} &= \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}^{()} \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\ &\quad \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\ &\quad (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\ &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right. \\ &\quad \left. \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\ &\quad \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \right) \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1}^{l-I} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - 2 \cdot k_1 - k_2 + 2)!}{(2 \cdot n_i - n_{ik} - j_i - n - 2 \cdot k_1 - k_2 - j_{sa}^s + 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}
 \end{aligned}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n-s+1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!}
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-k_2}} \frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_i - s - 2 \cdot k + 2)!}{(2 \cdot n_i + k_2 - n_{ik} - j_i - n - 2 \cdot k - j_{sa}^s + 2)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+k_1+k_2-j_s+2}} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-k_2}} \frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - j_{sa}^s - 1)!}{(n_{ik} + j_i + k_1 - n - k - j_{sa}^s - 2)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_z > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_i - s - 2 \cdot k + 2)!}{(2 \cdot n_i + k_2 - n_{ik} - j_i - n - 2 \cdot k - j_{sa}^s + 2)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_{ik} - j_i - s - 2 \cdot k_1 - k_2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_{ik} - j_i - n - 2 \cdot k_1 - k_2 - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \right. \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \right. \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) - \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_i - s - 2 \cdot k + 2)!}{(2 \cdot n_i + k_2 - n_{ik} - j_i - n - 2 \cdot k - j_{sa}^s + 2)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s + k_2 - n_{ik} - j_i - s - 2 \cdot k)!}{(2 \cdot n_{is} + 2 \cdot j_s + k_2 - n_{ik} - j_i - n - 2 \cdot k - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(\iota+s) \cdot (\iota-I)}{n \cdot (\iota+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{(\)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \right.$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s+j_i-j_s-s-1)!}{(n_s+j_i-n-j_{sa}^s-1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s+j_i-j_s-s-1)!}{(n_s+j_i-n-j_{sa}^s-1)! \cdot (n+j_{sa}^s-s-j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right.$$

$$\left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right.$$

$$\left. \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \right.$$

$$\left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right.$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_i)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \right. \right.$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot k_1 - 2 \cdot k_2 + 1)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot k + 1)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot k - j_{sa}^s + 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-s)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 3 \cdot k_1 - 2 \cdot k_2 + 2)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s + 2)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot k - k_1 + 2)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - k_1 - j_{sa}^s + 2)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_i - n - j_{sa}^s - 1)! \cdot (n - j_{sa}^s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot k_1 - 2 \cdot k_2 - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_i - s - 2 \cdot k_1 - 2 \cdot k_2 - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_i - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-s)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot k_1 - 2 \cdot k_2 - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot k_1 - 2 \cdot k_2 - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n+j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot k - k_1 - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - k_1 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot k - k_1 - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - k_1 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$
 $I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$
 $k_z: z = 2 \wedge k = k_1 + k_2 \vee$
 $I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$
 $s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k_2 - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k_2 - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k_2 - j_{sa}^s - 1)! \cdot (n+j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_s - j_i - s - 2 \cdot k - 1)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n+j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot k_2 - k_1 - 1)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - n - 2 \cdot k_2 - k_1 - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{is} + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot k_2 - k_1 - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} - n_s - j_i - n - 2 \cdot k_2 - k_1 - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=j_{sa}^{ik})}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+l_{k_2}-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-l_{k_1})} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\ \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\ \frac{(n_i + n_{ik} + j_{ik} + k_1 - n_s - j_i - s - 2 \cdot k - 1)!}{(n_i + n_{ik} + j_s + j_{ik} + k_1 - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_s+s-1} \\ \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\ \frac{(n_{is} + n_{ik} + j_{ik} + k_1 - n_s - j_i - s - 2 \cdot k - 1)!}{(n_{is} + n_{ik} + j_s + j_{ik} + k_1 - n_s - j_i - n - 2 \cdot k - j_{sa}^s - 1)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge k = 0 \wedge l = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\)} \sum_{j_i=s} \\ \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\ \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \right) + \\ \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_s + j_{ik} - j_s - s)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - s)!} \cdot \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s + j_{ik} - j_s - s)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right) \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left(\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{\substack{(n) \\ (n_i = n + k_1 + 1)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \sum_{\substack{(n - 1) \\ (j_{ik} = j_s + s - 1)}} \sum_{\substack{(n) \\ (j_i = j_{ik} + 1)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \sum_{\substack{(n - 1) \\ (j_{ik} = j_s + s - 1)}} \sum_{\substack{(n) \\ (j_i = j_{ik} + 1)}} \\
 & \sum_{\substack{(n) \\ (n_i = n + k_1 + 1)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \sum_{\substack{(n) - s + 1 \\ (j_s = 2)}} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{i_s}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right.$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!}$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \right. \\
 & \quad \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \left. \right) + \\
 & \quad \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \quad \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}
 \end{aligned}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \right. \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_s+s-1}^{(\cdot)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k - j_{sa}^s)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \binom{(\quad)}{\quad} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \binom{(\quad)}{\quad} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \binom{(\quad)}{\quad} \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \qquad \qquad \qquad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \qquad \qquad \qquad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n-s+1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \qquad \qquad \qquad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \qquad \qquad \qquad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+\mathbb{k}+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 3)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s + 3)! \cdot (n - s)!} - \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=n+\mathbb{k}+1)}} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$$

$$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
&\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
&\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
&\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
&\quad \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
&\quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
&\quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \right. \\
&\quad \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
\end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 + 1)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!} \cdot \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} - j_{ik} - 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \right)
 \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right) \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
& \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
& \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!}
\end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot k - k_1 + 3)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - k_1 - j_{sa}^s + 3)! \cdot (n - s)!} - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{n_i-j_s+1}{(n_{is}=n+k_1+k_2-j_s+2)}} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - n - j_{sa}^s)! \cdot (n - j_{ik} - 1)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{(n_i-j_{ik}-k_1+1)}{(n_{ik}=n+k_2-j_{ik}+2)}} \sum_{n_s=n-j_i+2} \sum_{\binom{(n-j_i+1)}{(i=2)}} \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right.
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\binom{(\)}{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 + 1)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{(\)}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{\binom{(\)}{(n_{ik}=\mathbf{n}_{is}+j_s-j_{ik}-\mathbb{k}_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_s - j_{sa}^s - 1)!}{(n_s + j_{ik} - \mathbf{n} - j_{sa}^s)! \cdot (\mathbf{n} - j_{ik} - 1)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(\iota + s) \cdot (\iota - I)}{n \cdot (\iota + s - I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{(\)}{(j_{ik}=s-1)}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+1)}} \sum_{\binom{(\)}{(n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{\binom{(\)}{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}} \sum_{\binom{(\)}{(n_{ik}-\mathbb{k}_2-1)}} \sum_{\binom{(\)}{(n-j_i+1)}} \sum_{(i=2)}^{n_s=\mathbf{n}-j_i+2}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n)} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{is} + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbf{I} = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} = 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - \mathbf{n})!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
& \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
& \left((D - s)! \cdot \left(\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \right) \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
& \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\cdot)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
& (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot k - 2)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\sum_{\binom{n}{n_i = \mathbf{n} + \mathbb{k} + 1}} \sum_{n_i - j_s + 1}^{n_i - j_s + 1} \sum_{\binom{()}{n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1}} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \frac{(2 \cdot n_{is} + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - 2)!}{(2 \cdot n_{is} + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - j_{sa}^s - 2)! \cdot (\mathbf{n} - s)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge \mathbf{s} = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge \mathbf{s} = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(t+s) \cdot (t-I)}{n \cdot (t+s-I)} \cdot \frac{1}{(D-\mathbf{n})!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s} \sum_{\binom{n}{n_i = \mathbf{n} + \mathbb{k} + 1}} \sum_{\binom{n_i - j_{ik} - \mathbb{k}_1 + 1}{n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 2}} \sum_{n_s = \mathbf{n} - j_i + 2} \sum_{\binom{n - j_i + 1}{i=2}} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{j_{ik}=j_s+s-2}} \sum_{j_i=j_s+s-1} \sum_{\binom{n}{n_i = \mathbf{n} + \mathbb{k} + 1}} \sum_{n_i - j_s + 1}^{n_i - j_s + 1} \sum_{\binom{n_{is} + j_s - j_{ik} - \mathbb{k}_1}{n_{ik} = \mathbf{n} + \mathbb{k}_2 - j_{ik} + 2}} \sum_{n_s = \mathbf{n} - j_i + 2} \sum_{\binom{n - j_i + 1}{i=2}} \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) \right)$$

$$\begin{aligned}
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \right. \\
 & \quad \left. \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \right. \\
 & \quad \left. \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{()} \sum_{j_i=j_{ik}+1}^n \right. \right. \\
 & \quad \left. \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \right. \\
 & \quad \left. \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \right. \\
 & \quad \left. \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \right) \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \cdot \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot k_1 - 2 \cdot k_2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - 1)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot k_1 - 2 \cdot k_2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S_0^{DOSD} &= \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}^{()} \right. \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 &\quad (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 &\quad \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 &\quad \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 &\quad \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 &\quad \left. \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right)
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) \Bigg) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n-s)!} \\
 & \frac{(D-s)!}{(D-n)!} \cdot \frac{\iota-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n+j_{sa}^s-s-j_s)!}
 \end{aligned}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \left(\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \right)
 \end{aligned}$$

$$\begin{aligned}
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \qquad \qquad \qquad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \qquad \qquad \qquad (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n-s+1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \qquad \qquad \qquad \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \qquad \qquad \qquad \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \\
 & \qquad \qquad \qquad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & \qquad \qquad \qquad \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \qquad \qquad \qquad \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot k - k_1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - k_1 - 1)! \cdot (n - s)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{\iota - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\)} \sum_{j_i=j_{ik}+1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot k - k_1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - k_1 - 1)! \cdot (n + j_{sa}^s - s - j_s)!}
 \end{aligned}$$

$= n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$\begin{aligned}
 {}^0S_0^{DOSD} = & \frac{(l+s) \cdot (l-l)}{n \cdot (l+s-l)} \cdot \frac{1}{(D-n)!} \cdot \left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right. \\
 & (D-s)! \cdot \left(\sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right.
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left. \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \right. \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+l_k+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}} \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot l_k - l_{k_1} - 2)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot l_k - l_{k_1} - j_{sa}^s - 2)! \cdot (n - s)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{lk}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=n+l_k+1)}} \sum_{\binom{n_i-j_s+1}{n_{is}=n+l_{k_1}+l_{k_2}-j_s+2}} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-l_{k_1})}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}} \frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot l_k - l_{k_1} - 2)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot l_k - l_{k_1} - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D = n < n \wedge l_k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_k > 0 \wedge I = 1 \wedge s = s + l_k + 1 \wedge$$

$$l_{k_z}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \wedge j_{ik} = j_i - 1 \vee$$

$$I = l_k + 1 \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I = 1 \wedge$$

$$s = s + l_k + 1 \wedge l_{k_z}: z = 1 \wedge l_k = l_{k_2} \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}^{()} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n
 \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & (D-s) \cdot (D-s-1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right) \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left(\frac{(n_s-2)!}{(n_s+j_i-n-2)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-2)! \cdot (n-j_i-i+1)!} \right) + \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot \frac{(n_i-n_{is}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}
 \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot k_2 - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!} \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{\binom{()}{(j_{ik}=j_s+j_{sa}^{ik}-1)}} \sum_{j_i=j_{ik}+1} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{n_i-j_s+1}{(n_{is}=n+k_1+k_2-j_s+2)}} \sum_{\binom{()}{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot k_2 - 2)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot k_2 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$

$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s} \sum_{\binom{n}{(n_i=n+k+1)}} \sum_{\binom{(n_i-j_{ik}-k_1+1)}{(n_{ik}=n+k_2-j_{ik}+2)}} \sum_{n_s=n-j_i+2} \sum_{\binom{(n-j_i+1)}{(i=2)}} \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \\
 & (D - s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left(\frac{(n_s - 2)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - 2)! \cdot (\mathbf{n} - j_i - i + 1)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\
 & \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right.
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \right. \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \right. \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) - \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - j_s - s - 2 \cdot k - 2)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n-s)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \frac{l-I}{n-s-I+1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-k_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - j_s - s - 2 \cdot k - 2)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n-s)!}$$

$$D = n < n \wedge k = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k > 0 \wedge I = 1 \wedge s = s + k + 1 \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + 1 \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I = 1 \wedge$$

$$s = s + k + 1 \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S_0^{DOSD} = \frac{(l+s) \cdot (l-I)}{n \cdot (l+s-I)} \cdot \frac{1}{(D-n)!} \cdot \left(\left((D-s)! \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \right.$$

$$\left. \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \right.$$

$$\left. \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \right)$$

$$\begin{aligned}
 & (D-s) \cdot (D-s-1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{i_s}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{i_s}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-k_2-1} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(n_i - n_{i_s} - 1)!}{(j_s - 2)! \cdot (n_i - n_{i_s} - j_s + 1)!} \cdot \frac{(n_{i_s} - n_{ik} - k_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{i_s} + j_s - n_{ik} - j_{ik} - k_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D-s)! \cdot \left(\sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=j_{ik}+2}^n \right) \right. \\
 & \left. \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +
 \end{aligned}$$

$$\begin{aligned}
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \left. \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k_1+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_i + n_{ik} - n_s - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - 2)!}{(n_i + n_{ik} + j_s - n_s - n - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^s - 2)! \cdot (n - s)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{lk}-1)}^{()} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{is} + n_{ik} - n_s - s - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - 2)!}{(n_{is} + n_{ik} + j_s - n_s - n - 2 \cdot \mathbb{k}_2 - \mathbb{k}_1 - j_{sa}^s - 2)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$D = n < n \wedge \mathbb{k} = 0 \wedge I = I = 1 \wedge s = s + 1 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I = 1 \wedge s = s + \mathbb{k} + 1 \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + 1 \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I = 1 \wedge$

$s = s + \mathbb{k} + 1 \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S_0^{DOSD} = \frac{(l + s) \cdot (l - I)}{n \cdot (l + s - I)} \cdot \frac{1}{(D - n)!} \cdot \left((D - s)! \cdot \sum_{j_s=1}^{()} \sum_{(j_{ik}=s-1)}^{()} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) +$$

$$(D - s) \cdot (D - s - 1)! \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-2)}^{()} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=2)}^{(n-j_i+1)}$$

$$\begin{aligned}
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \left((D - s)! \cdot \left(\sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & (D - s) \cdot (D - s - 1)! \cdot \left(\sum_{j_s=2}^{(n-s+1)} \sum_{(j_{ik}=j_s+s-2)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{n_{is}=n+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+\mathbb{k}_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=2)}^{(n-j_i+1)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) + \\
 & \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{n_{is}=n+k_1+k_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{ik}=n+k_2-j_{ik}+2)}^{(n_{is}+j_s-j_{ik}-k_1)} \sum_{n_s=n-j_i+2}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=2)}^{(n-j_i+1)} \\
 & \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{is} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left(\frac{(n_s - 2)!}{(n_s + j_i - n - 2)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - 2)! \cdot (n - j_i - i + 1)!} \right) \Big) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{()} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + n_{ik} + k_1 - n_s - s - 2 \cdot k - 2)!}{(n_i + n_{ik} + j_s + k_1 - n_s - n - 2 \cdot k - j_{sa}^s - 2)! \cdot (n - s)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \frac{l - I}{n - s - I + 1} \cdot \sum_{j_s=2}^{n-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j_i=j_{ik}+1}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{n_{i_s}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+2}^{n_i-j_s+1} \sum_{(n_{i_k}=\mathbf{n}_{i_s}+j_s-j_{i_k}-\mathbb{k}_1)}^{()} \sum_{n_s=\mathbf{n}_{i_k}+j_{i_k}-j_i-\mathbb{k}_2}}{(n_{i_s} + n_{i_k} + \mathbb{k}_1 - n_s - s - 2 \cdot \mathbb{k} - 2)!}{(n_{i_s} + n_{i_k} + j_s + \mathbb{k}_1 - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - j_{s_a}^s - 2)! \cdot (\mathbf{n} + j_{s_a}^s - s - j_s)!}$$

GÜLDÜNYA

BÖLÜM E1 TOPLAM DÜZGÜN ve DÜZGÜN OLMAYAN SİMETRİK OLASILIK ÖZET

TOPLAM DÜZGÜN SİMETRİK OLASILIKLAR

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli olasılık dağılımlarındaki, düzgün simetrik olasılıklar; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün simetrik olasılıkla, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli kalan düzgün simetrik olasılığın toplamından,

$$S^{DSD} = S^{ISS} + S^{DSS}$$

veya

$${}_0S^{DSD} = {}_0S^{ISS} + {}_0S^{DSS}$$

veya

$${}_0S^{DSD} = {}_0S^{ISS} + {}_0S^{DSS}$$

eşitlikleriyle hesaplanabilir.

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrisinin bulunabileceği bağımlı durumlar bulunan dağılımlardaki, düzgün simetrik olasılıklar; aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün simetrik olasılıkla, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli kalan düzgün simetrik olasılığın toplamından,

$$S_0^{DSD} = S_0^{ISS} + S_0^{DSS}$$

veya

$${}_0S_0^{DSD} = {}_0S_0^{ISS} + {}_0S_0^{DSS}$$

veya

$${}_0S_0^{DSD} = {}_0S_0^{ISS} + {}_0S_0^{DSS}$$

eşitlikleriyle hesaplanabilir.

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin bulunabileceği bağımlı durumlarla başlayan dağılımlardaki, düzgün simetrik olasılıklar; aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün simetrik olasılıkla, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli kalan düzgün simetrik olasılığın toplamından,

$$S_D^{DSD} = S_D^{ISS} + S_D^{DSS}$$

veya

$${}_0S_D^{DSD} = {}_0S_D^{ISS} + {}_0S_D^{DSS}$$

veya

$${}_0S_D^{DSD} = {}_0S_D^{ISS} + {}_0S_D^{DSS}$$

eşitlikleriyle hesaplanabilir.

TOPLAM DÜZGÜN OLMAYAN SİMETRİK OLASILIKLAR

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli olasılık dağılımlarındaki, düzgün olmayan simetrik olasılıklar; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün olmayan simetrik olasılıkla, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli kalan düzgün olmayan simetrik olasılığın toplamından,

$$S^{DOSD} = S^{ISO} + S^{DOS}$$

veya

$${}_0S^{DOSD} = {}_0S^{ISO} + {}_0S^{DOS}$$

veya

$${}_0S^{DOSD} = {}_0S^{ISO} + {}_0S^{DOS}$$

eşitlikleriyle hesaplanabileceği gibi, aynı şartlı bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli simetrik olasılıktan, aynı şartlı bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli toplam düzgün simetrik olasılığın farkından,

$$S^{DOSD} = S - S^{DSD}$$

veya

$${}_0S^{DOSD} = {}_0S - {}_0S^{DSD}$$

veya

$${}_0S^{DOSD} = {}_0S - {}_0S^{DSD}$$

eşitlikleriyle de hesaplanabilir.

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin bulunabileceği bağımlı durumlar bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün olmayan simetrik olasılıkla, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli kalan düzgün olmayan simetrik olasılığın toplamından,

$$S_0^{DOSD} = S_0^{ISO} + S_0^{DOS}$$

veya

$${}_0S_0^{DOSD} = {}_0S_0^{ISO} + {}_0S_0^{DOS}$$

veya

$${}_0S_0^{DOSD} = {}_0S_0^{ISO} + {}_0S_0^{DOS}$$

eşitlikleriyle hesaplanabileceği gibi, aynı şartlı ve aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli simetrik olasılıktan, aynı şartlı ve aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli toplam düzgün simetrik olasılığın farkından,

$$S_0^{DOSD} = S_0 - S_0^{DSD}$$

veya

$${}_0S_0^{DOSD} = {}_0S_0 - {}_0S_0^{DSD}$$

veya

$${}_0S_0^{DOSD} = {}_0S_0 - {}_0S_0^{DSD}$$

eşitlikleriyle de hesaplanabilir.

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin bulunabileceği bağımlı durumlarla başlayan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün olmayan simetrik olasılıkla, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli kalan düzgün olmayan simetrik olasılığın toplamından,

$$S_D^{DOSD} = S_D^{ISO} + S_D^{DOS}$$

veya

$${}_0S_D^{DOSD} = {}_0S_D^{ISO} + {}_0S_D^{DOS}$$

veya

$${}^0S_D^{DOSD} = {}^0S_D^{ISO} + {}^0S_D^{DOS}$$

eşitlikleriyle hesaplanabileceği gibi, aynı şartlı ve aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli simetrik olasılıktan, aynı şartlı ve aynı dağılımlardaki bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli toplam düzgün simetrik olasılığın farkından,

$$S_D^{DOSD} = S_D - S_D^{DSD}$$

veya

$${}_0S_D^{DOSD} = {}_0S_D - {}_0S_D^{DSD}$$

veya

$${}^0S_D^{DOSD} = {}^0S_D - {}^0S_D^{DSD}$$

eşitlikleriyle de hesaplanabilir.

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VDOİHİ'de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ'de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. Bu cilt, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumlu simetrisinin bağımsız durumla başlayan dağılımlarında simetrisiyle ilişkili toplam düzgün olmayan simetrik olasılığın eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Bağımlı-Bir Bağımsız Durumlu Simetrisinin Bağımsız Durumlarla Başlayan Dağılımlarında Simetrisiyle İlişkili Toplam Düzgün Olmayan Simetrik Olasılık kitabında, bağımlı durum sayısı, bağımlı olay sayısından büyük farklı dizilimli dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek yeni olasılık dağılımlarından, bağımsız durumlarla başlayan dağılımlarda, bağımlı-bir bağımsız durumlardan oluşan simetrisinin, simetrisiyle ilişkili; düzgün olmayan simetrik olasılık eşitlikleri verilmektedir.

VDOİHİ'nin bu cildinde verilen toplam düzgün olmayan simetrik olasılık eşitlikleri teorik yöntemle üretilmiştir. Tanım ve eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.

GÜLDÜNYA