VDOİHİ

Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bağımsız-Bağımlı Durumlu Simetrinin Bağımlı Durumla Başlayan Dağılımlardaki Tek Kalan Düzgün Olmayan Simetrik Olasılığı

Cilt 2.1.13.3

İsmail YILMAZ

Matematik / İstatistik / Olasılık

ISBN: 978-625-7774-27-7

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bağımsız-Bağımlı Durumlu Simetrinin Bağımlı Durumla Başlayan Dağılımlardaki Tek Kalan Düzgün Olmayan Simetrik Olasılığı-Cilt 2.1.13.3

İsmail YILMAZ

KÜTÜPHANE BİLGİLERİ

Yılmaz, İsmail.

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bağımsız-Bağımlı Durumlu Simetrinin Bağımlı Durumla Başlayan Dağılımlardaki Tek Kalan Düzgün Olmayan Simetrik Olasılığı-Cilt 2.1.13.3 / *İsmail YILMAZ*

e-Basım, s. XXV + 369

Kaynakça yok, dizin var

ISBN: 978-625-7774-27-7

1. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli tek kalan düzgün olmayan simetrik olasılık 2. Bağımsız-bağımlı durumlu simetrinin tek kalan 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 deklaritif 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 sayısallaştırılamayan verileri, **a**nlamlı en **k**üçük **p**arça (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 semplisitede sayısallaştırılmasıyla **V**eri **D**eğişkenleri **O**lasılık ve **İ**htimal **H**esaplama **İ**statistiği (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 yapılıp), 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 **P**roblem **Ç**özüm **T**ekniklerini (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. Beyinle ilgili VDOİHİ Bağımlı Olasılık Cilt 1'in giriş bölümünde verilenlerin genişletilmesine ileride devam edilecektir. Fakat öğretim süreçlerinin; teorik öngörülerle ve/veya insanın yaradılışına 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 vurmayı 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 belirtilmişti. 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; simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik olasılık eşitliği) c) hem değişken uzunluklu hem işlem uzunluklu (örneğin; simetrinin 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; $\sum_{i=s}^{n} \mp$) yapılarda verilmektedir. Sabit değişkenli eşitliklerle, bilim ve teknolojideki 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 İlmi 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. İkiden 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 f

kesin olarak hesaplanabilir. Böylece VDOİHİ'de verilen eşitliklerle hem istenilen tabanda hem de istenilen dağılım türlerinde çalışabilecek elektronik teknolojisinin 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 teknolojisinin 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 üretilemeyen 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 özgürlerinin gasp edilmesinin önünde güçlü bir engel teşkil edecektir. Bugüne kadar artifical inteligence 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 olamayan 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 şuurluluğun 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 önlenebilmesi 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 evrensen dili olan matematik-mantık dillerinde yazmaktadır. Yazar eserlerinden insanlığın aynı niteliklerle yararlanabilmesi için her kişiye eşit mesafede ve anlaşılırlıkta 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 teknolojideki kaderimiz veriyle ilişkilendirilmiş.

İÇİNDEKİLER

Simge ve Kısaltmalar

n: olay sayısı

$\boldsymbol{n}$: bağımlı olay sayısı

$\mathbb{m}$: 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 bulunduğunda 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}'da bulunan durumun (simetrinin j_{sa}' daki bağımlı durum) bir bağımlı ve bir bağımsız olasılıklı dağılımlarda bulunabileceği olayların, dağılımın ilk olayından itibaren sırası

ι: bağımsız durum sayısı

I: simetrinin bağımsız durum sayısı

$\mathbb{l}$: simetrinin bağımlı durumlarından önce bulunan bağımsız durum sayısı

$\boldsymbol{I}$: simetrinin bağımlı durumlarından sonra bulunan bağımsız durum sayısı

$\mathbb{k}$: 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^i_{sa}: simetriyi oluşturan bağımlı durumlar arasında simetrinin son bağımlı durumunun bulunduğu olayın, simetrinin son olayından itibaren sırası $\left(j^i_{sa} = s\right)$

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 bulunduğunda bağımsız durumdan önceki bağımlı durumun bağımlı olasılıklı dağılımlarda bulunabileceği olayların son olaydan itibaren sırası

j^{ik}_{sa}: 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: simetrinin ilk bağımlı durumunun, bağımlı olasılıklı dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası

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

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

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

D: bağımlı durum sayısı

D_i: olayın durum sayısı

s: simetrinin bağımlı durum sayısı

$\boldsymbol{s}$: simetrik durum sayısı. Simetrinin bağımlı ve bağımsız durum sayısı

$\boldsymbol{n_s}$: simetrinin bağımlı olay sayısı

$\mathbb{m}_I$: simetrinin 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 farklı dizilimli bağımlı durumlu simetrik olasılık

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

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

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

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

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

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

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

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

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

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

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

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

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

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

S_D^{DSST} : bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu bağımlı tek kalan düzgün simetrik olasılık

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

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

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

${}_0S^{DSST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu tek kalan düzgün simetrik olasılık

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

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

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

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

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

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

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

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

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

${}^0S$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu

${}^{0}S^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu tek kalan simetrik olasılık

${}^{0}S^{DSST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu tek kalan düzgün simetrik olasılık

${}^{0}S^{DOST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu tek kalan düzgün olmayan simetrik olasılık

${}^{0}S_{0}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız simetrik olasılık

${}^{0}S_{0}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız tek kalan simetrik olasılık

$^{0}S_{0}^{DSST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız tek kalan düzgün simetrik olasılık

$^{0}S_{0}^{DOST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız tek kalan düzgün olmayan simetrik olasılık

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

$^{0}S_{D}^{DST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımlı tek kalan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımlı tek kalan simetrik olasılık

$^{0}S_{D}^{DSST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımlı tek kalan düzgün simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımlı tek kalan düzgün simetrik olasılık

$^{0}S_{D}^{DOST}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık

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

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

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

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

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

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

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

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

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

S_{i,j_{ik},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

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

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

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

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

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

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

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

$S_{\Leftarrow j_s, j_{ik}, j_i\Leftarrow}$: 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 ayrım olasılığı

$S_{art\,j^{sa}\Rightarrow}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik ayrım olasılığı

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

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

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

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

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

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

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

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

$S^{DOSD}_{j_s, j_{ik}, j_i}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

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

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

$S^{DOSD}_{j^{sa}}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

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

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

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

$S^{DOSD}_{j_s, j_i}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

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

$S^{DOSD}_{j_s, j^{sa}}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik olasılık

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

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

$S_{BB\, j_i}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımlı durumun simetrinin son durumuna bağlı simetrik olasılık

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

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

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

$S_{BB\, j_s, j_i\Leftarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin 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 simetrinin 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 simetrinin 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 simetrinin bir bağımlı durumuna bağlı simetrik ayrım olasılığı

$S_{BBj_{ik},j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin 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 simetrinin 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 simetrinin ilk ve son bağımlı durumuna bağlı simetrik ayrım olasılığı

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

$S_{BBj_s,j_{ik},j^{sa}\Rightarrow}$: bir bağımlı ve bir bağımsız olasılıklı dağılımın bağımlı-bağımsız-bağımlı durumun simetrinin 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 simetrinin 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 simetrinin durumlarının bulunabileceği olaylara göre simetrik olasılık

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

${}_0S_0^B$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız simetrik bulunmama olasılığı

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

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

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

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

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

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

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

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

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

${}^{0}S^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu tek kalan düzgün simetrik bulunmama olasılığı

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

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

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

${}^{0}S_{0}^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımsız tek kalan düzgün simetrik bulunmama olasılığı

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

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

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

${}^{0}S_{D}^{DSST,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımlı tek kalan düzgün simetrik bulunmama olasılığı

${}^{0}S_{D}^{DOST,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı

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

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

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

${}_{D}^{1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bağımlı tek simetrik olasılık

${}_{0}^{1}S_{1}^{1}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bağımsız tek simetrik olasılık

${}_{0}^{1}S_{1}^{1,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir olay için bağımsız tek simetrik bulunmama olasılığı

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

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

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

S_{T}: toplam simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu toplam simetrik olasılık

${}^{1}S$: tek simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu tek simetrik olasılık

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

${}_{0}S^{BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte simetrik olasılık

${}_{0}S^{DST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte tek kalan simetrik olasılık

${}_{0}S^{DSST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte tek kalan düzgün simetrik olasılık

${}_{0}S^{DOST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte tek kalan düzgün olmayan simetrik olasılık

${}_{0}S_{0}^{BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte simetrik olasılık

${}_{0}S_{0}^{DST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte tek kalan simetrik olasılık

${}_{0}S_{0}^{DSST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte tek kalan düzgün simetrik olasılık

${}_{0}S_{0}^{DOST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte tek kalan düzgün olmayan simetrik olasılık

${}_{0}S_{D}^{BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte simetrik olasılık

${}_{0}S_{D}^{DST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte tek kalan simetrik olasılık

${}_{0}S_{D}^{DSST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte tek kalan düzgün simetrik olasılık

${}_{0}S_{D}^{DOST,BS}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte tek kalan düzgün olmayan simetrik olasılık

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

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

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

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

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

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

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

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

${}_{0}S^{BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte simetrik bulunmama olasılığı

${}_{0}S^{DST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte tek kalan simetrik bulunmama olasılığı

${}_{0}S^{DSST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte tek kalan düzgün simetrik bulunmama olasılığı

${}_{0}S^{DOST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli birlikte tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_{0}S_{0}^{BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte simetrik bulunmama olasılığı

${}_{0}S_{0}^{DST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte tek kalan simetrik bulunmama olasılığı

${}_{0}S_{0}^{DSST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte tek kalan düzgün simetrik bulunmama olasılığı

${}_{0}S_{0}^{DOST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız birlikte tek kalan düzgün olmayan simetrik bulunmama olasılığı

${}_{0}S_{D}^{BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte simetrik bulunmama olasılığı

${}_{0}S_{D}^{DST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte tek kalan simetrik bulunmama olasılığı

${}_{0}S_{D}^{DS,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte kalan simetrik bulunmama olasılığı

${}_{0}S_{D}^{DSST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte tek kalan düzgün simetrik bulunmama olasılığı

${}_{0}S_{D}^{DOST,BS,B}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı birlikte tek kalan düzgün olmayan simetrik bulunmama olasılığı

S_{T}^{B}: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu toplam simetrik bulunmama olasılığı

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

$S^B_{D,T}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı durumlu bağımlı toplam simetrik bulunmama olasılığı

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

${}_0S^B_{0,T}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımsız toplam simetrik bulunmama olasılığı

${}_0S^B_{D,T}$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı toplam simetrik bulunmama olasılığı

${}^0S^B_T$: bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bir bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bir bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı-bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımlı-bağımsız durumlu toplam simetrik bulunmama olasılığı veya bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımsız durumlu toplam simetrik bulunamama olasılığı

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

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

BAĞIMLI VE BİR BAĞIMSIZ OLASILIKLI FARKLI DİZİLİMLİ DAĞILIMLAR

D

Bağımlı ve Bir Bağımsız Olasılıklı Farlı Dizilimli Dağılımlar

- **Tek Kalan Düzgün Olmayan Simetri**
- **Bağımsız-Bağımlı Durumlu Tek Kalan Düzgün Olmayan Simetri**

Önceki bölümlerde durum sayısı olay sayısına eşit veya büyük olan bağımlı olasılıklı dağılımların olasılıkları incelendi. Bu bölümde durum sayısı olay sayısından küçük bağımlı olasılık $(D < n)$ veya bağımlı ve bir bağımsız durumlu dağılımın olasılıkları incelenecektir. Bağımlı durum sayısı bağımlı olay sayısı eşit, bağımlı durum sayısı bağımlı olay sayısından büyük farklı dizilimli veya farklı dizilimsiz bağımlı durum sayısının bağımlı olay sayısından büyük her bir dağılımına bağımsız olasılıklı seçimle belirlenen bir bağımsız durumun dağılımıyla, bağımlı ve bir bağımsız olasılıklı dağılımlar elde edilebilir. Bu dağılımlar; bağımlı ve bir bağımsız olasılıklı farklı dizilimli veya bağımlı ve bir bağımsız olasılıklı farlı dizilimsiz dağılımlardır. Durum sayısı olay sayısından küçük olduğunda yapılacak seçimlerde $n - D$ kadar olaya durum belirlenemez. Yapılacak seçimlerde farklı dizilimli ve farklı dizilimsiz dağılımlarda durum belirlenmeyen olayların durumları sıfır (0) ile gösterilebilir. Bir olasılık dağılımında $n - D$ kadar sıfırın veya aynı bağımsız durumun olması, bağımsız olasılıklı seçimlerde, bir dağılımın birden fazla olayında aynı durumun belirlenebilmesiyle ilgilidir.

Bu bölümde, yapılacak her bir seçimde bir durumun belirlenebileceği ***bağımlı durum sayısı bağımlı olay sayısına eşit*** $(D = \boldsymbol{n}\ \boldsymbol{ve}\ "\boldsymbol{n}: bağımlı\ olay\ sayısı")$ seçimlerle elde edilebilecek, bağımlı ve bir bağımsız olasılıklı 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 sınıflandırılacaktır. Simetri bağımsız durumla başladığında, aynı yöntemle simetrinin başladığı bağımlı durum belirlenir.

Olasılık dağılımları; simetrinin 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 farklı dizilimli dağılımlarda, bağımlı olasılıklı dağılımlarda olduğu gibi simetride bulunan bağımlı durumlarla başlayan dağılımlardan sadece simetrinin 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, simetrinin ilk bağımlı durumu olan dağılımlar, simetrinin 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 durumuyla 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, bu ilk bağımlı durum, simetrinin ilk bağımlı durumu olan dağılımlar, simetrinin 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. İki 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 sınıflandırılacaktır. 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) 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 farklı dizilimli dağılımlardaki, simetrik ve düzgün simetrik olasılık eşitlikleri hem olasılık dağılım tablo değerlerinden hem de teorik yöntemle çıkarılabilecektir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardaki, düzgün olmayan simetrik olasılıklar ise sadece teorik yöntemlerle çıkarılacaktır. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımların inceleneceği ciltlerde, bulunmama olasılıklarının sadece çıkarılabileceği eşitlikler verilecektir.

SİMETRİDE BULUNMAYAN BİR BAĞIMLI DURUMLA BAŞLAYAN DAĞILIMLARIN DÜZGÜN OLMAYAN SİMETRİK OLASILIĞI

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

Bu ciltlerde 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 tek kalan düzgün olmayan simetrik olasılık eşitlikleri de aynı şartlı tek kalan simetrik olasılıktan, aynı şartlı tek kalan düzgün simetrik olasılığın farkından teorik yöntemle elde edilebilir.

Bağımsız olasılıklı durumla başlayıp sonraki ilk bağımlı durumunda simetride bulunmayan bir bağımlı durum bulunan dağılımlardaki düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliği, aynı şartlı tek kalan 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 dağılımlardan simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki düzgün olmayan simetrik olasılığın eşitliği, aynı şartlı tek kalan düzgün olmayan simetrik olasılık eşitliğinden, aynı şartlı bağımsız durumlarla başlayan dağılımların tek kalan düzgün olmayan simetrik olasılık eşitliğinin farkından teorik yöntemle elde edilebileceği gibi aynı şartlı tek kalan 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.

Bu ciltte bağımsız-bağımlı durumlu simetrinin, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki, tek kalan düzgün olmayan simetrik olasılığın ve tek kalan düzgün olmayan simetrik bulunmama olasılığının eşitlikleri verilecektir.

BAĞIMLI DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMSIZ-BAĞIMLI DURUMLU TEK KALAN DÜZGÜN OLMAYAN SİMETRİ

Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde $\{0,0,0,1,2,3,4,5\}$ veya $\{0,0,0,1,2,\mathbf{0},\mathbf{0},\mathbf{0},3,4,\mathbf{0},\mathbf{0},5\}$, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısı; aynı şartlı tek kalan simetrik olasılıktan, aynı şartlı tek kalan düzgün simetrik olasılığın farkına eşit olur. Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki, düzgün olmayan simetrik olasılıklar için;

$${}_0S_D^{DOST} = {}_0S_D^{DST} - {}_0S_D^{DSST}$$

ve eşitliğin sağındaki terimlerin, simetri bağımsız durumla başlayıp bağımlı durumlar arasında bağımsız durum bulunmadan bağımlı durumla bittiğinde $\{0,0,0,1,2,3,4,5\}$ eşitleri yazıldığında,

$${}_0S_D^{DOST} = \frac{(n-1)!}{(n-D)!\cdot(D-s)}\cdot\frac{\imath!}{(\imath+\boldsymbol{s}-I)!}\cdot\frac{(\imath+\boldsymbol{s}-2\cdot I)!\cdot(n+I-\imath-\boldsymbol{s})}{(\boldsymbol{s}-I)!\cdot(\imath-I)!}-\frac{(n-\boldsymbol{s})!}{(\imath-I)!}$$

veya

$${}_0S_D^{DOST} = \frac{(n-1)!}{(\boldsymbol{s}+\imath-I)!\cdot(D-s)}\cdot\frac{(\boldsymbol{s}+\imath-2\cdot I)!\cdot(n+I-\imath-\boldsymbol{s})}{(\boldsymbol{s}-I)!\cdot(\imath-I)!}-\frac{(n-\boldsymbol{s})!}{(\imath-I)!}$$

veya $\boldsymbol{s} = s + I$ olacağından,

$${}_0S_D^{DOST} = \frac{(n-1)!}{(s+\imath)!\cdot(D-s)}\cdot\frac{(s+\imath-I)!\cdot(n-\imath-s)}{s!\cdot(\imath-I)!}-\frac{(n-s-I)!}{(\imath-I)!}$$

veya

$${}_0S_D^{DOST} = \frac{(n-1)!}{(n+\boldsymbol{s}-D-I)!\cdot(D-s)}\cdot\frac{(n+\boldsymbol{s}-D-2\cdot I)!\cdot(D+I-\boldsymbol{s})}{(\boldsymbol{s}-I)!\cdot(n-D-I)!}-\frac{(n-\boldsymbol{s})!}{(\imath-I)!}$$

veya

$${}_0S_D^{DOST} = \frac{(n-1)!}{(\boldsymbol{s}-I)!\cdot(n-D-I)!}\cdot\frac{(n+\boldsymbol{s}-D-2\cdot I)!}{(n+\boldsymbol{s}-D-I)!}-\frac{(n-\boldsymbol{s})!}{(\imath-I)!}$$

veya

$${}_0S_D^{DOST} = \frac{(n-1)!}{(\boldsymbol{s}-I)!\cdot(\imath-I)!}\cdot\frac{(\boldsymbol{s}+\imath-2\cdot I)!}{(\boldsymbol{s}+\imath-I)!}-\frac{(n-\boldsymbol{s})!}{(\imath-I)!}$$

veya simetri bağımsız durumla başlayıp bağımlı durumlar arasında bağımsız durumlar bulunup bağımlı durumla bittiğinde $\{0,0,0,1,2,\mathbf{0},\mathbf{0},\mathbf{0},3,4,\mathbf{0},\mathbf{0},5\}$ ise,

$$
{}_0S_D^{DOST} = \prod_{z=2}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_z=z}^{(j_i)_z-1} \sum_{((j_i)_z=z+1 \vee z=s \Rightarrow s+1)}^{((j_{ik})_{z+2}-1 \vee \boldsymbol{n})}
$$

$$
\sum_{n_i=n} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=1}\mathbb{k}_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=1}^{s-1}\mathbb{k}_i-(j_i)_1+1\right)}^{\left(n-(j_i)_1\left(\wedge-\left(\mathbb{I}-(n-n_i)\right)\right)+1\right)}
$$

$$
\sum_{(n_{ik})_z=(n_s)_z+(j_i)_z+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_z \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i-(j_{ik})_z+1}^{(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_{ik})_z-\sum_{i=z-2}\mathbb{k}_i}
$$

$$
\sum_{\left((n_s)_z=(n_s)_{z+1}+(j_i)_{z+1}+\sum_{i=z}\mathbb{k}_i-(j_i)_z \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i-(j_i)_z+1\right)}^{\left((n_{ik})_z+(j_{ik})_z-(j_i)_z-\sum_{i=z-1}\mathbb{k}_i\right)}
$$

$$
\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_z\right)!}{\left(D-s-(j_i)_z+(j_{ik})_z-\left(j_{ik}-j_{sa}^{ik}\right)_z+1\right)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot
$$

$$
\frac{(n-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n-(n_{ik})_1-(j_i)_1+1)!} \cdot
$$

$$
\frac{((n_{ik})_z-(n_s)_z-1)!}{((j_i)_z-(j_{ik})_z-1)! \cdot ((n_{ik})_z+(j_{ik})_z-(n_s)_z-(j_i)_z)!} \cdot
$$

$$
\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-(j_i)_{z=s})!} -
$$

$$
\prod_{z=2}^{s} \sum_{((j_i)_1=(j_{ik})_3-1)}^{(\ )} \sum_{(j_{ik})_z=(j_i)_z-1} \sum_{((j_i)_z=z+1 \vee z=s \Rightarrow s+1)}^{(\boldsymbol{n})}
$$

$$
\sum_{n_i=n} \sum_{\left((n_{ik})_1=n-(j_i)_1\left(\wedge-\left(\mathbb{I}-(n-n_i)\right)\right)+1\right)}^{(\ )}
$$

$$
\sum_{(n_{ik})_z=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_{ik})_z-\sum_{i=z-2}\mathbb{k}_i}
$$

$$
\sum_{\left((n_s)_z=(n_{ik})_z+(j_{ik})_z-(j_i)_z-\sum_{i=z-1}\mathbb{k}_i\right)}^{(\ )}
$$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!}\cdot\frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_z\right)!}{\left(D-s-(j_i)_z+(j_{ik})_z-\left(j_{ik}-j_{sa}^{ik}\right)_z+1\right)!}\cdot\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!}\cdot$$

$$\frac{(n-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_z-(n_s)_z-1)!}{((j_i)_z-(j_{ik})_z-1)!\cdot((n_{ik})_z+(j_{ik})_z-(n_s)_z-(j_i)_z)!}\cdot$$

$$\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-(j_i)_{z=s})!}$$

eşitlikleri elde edilir. Bu eşitliklere bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; simetride bulunmayan bir bağımlı durumla başlayan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik olasılık ${}_{0}S_D^{DOST}$ ile gösterilecektir.

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_{0}S_D^{DOST}=\frac{(n-1)!}{(\boldsymbol{s}-I)!\cdot(n-D-I)!}\cdot\frac{(n+\boldsymbol{s}-D-2\cdot I)!}{(n+\boldsymbol{s}-D-I)!}-\frac{(n-\boldsymbol{s})!}{(\iota-I)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_{0}S_D^{DOST}=\frac{(n-1)!}{(\boldsymbol{s}-I)!\cdot(\iota-I)!}\cdot\frac{(\boldsymbol{s}+\iota-2\cdot I)!}{(\boldsymbol{s}+\iota-I)!}-\frac{(n-\boldsymbol{s})!}{(\iota-I)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_{0}S_D^{DOST}=\frac{(n-1)!}{(n-D)!}\cdot\frac{\iota!}{(\iota+\boldsymbol{s}-I)!\cdot(D-s)}\cdot\frac{(\iota+\boldsymbol{s}-2\cdot I)!\cdot(n+I-\iota-\boldsymbol{s})}{(\boldsymbol{s}-I)!\cdot(\iota-I)!}-$$

$$\frac{(n-\boldsymbol{s})!}{(\iota-I)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_{0}S_D^{DOST}=\frac{(n-1)!}{(\boldsymbol{s}+\iota-I)!\cdot(D-s)}\cdot\frac{(\boldsymbol{s}+\iota-2\cdot I)!\cdot(n+I-\iota-\boldsymbol{s})}{(\boldsymbol{s}-I)!\cdot(\iota-I)!}-\frac{(n-\boldsymbol{s})!}{(\iota-I)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_0S_D^{DOST} = \frac{(n-1)!}{(s+\iota)!\cdot(D-s)} \cdot \frac{(s+\iota-I)!\cdot(n-\iota-s)}{s!\cdot(\iota-I)!} - \frac{(n-s-I)!}{(\iota-I)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{I} \wedge \mathbb{k} = 0 \wedge \boldsymbol{s} = s + \mathbb{I} \Rightarrow$

$${}_0S_D^{DOST} = \frac{(n-1)!}{(n+\boldsymbol{s}-D-I)!\cdot(D-s)} \cdot \frac{(n+\boldsymbol{s}-D-2\cdot I)!\cdot(D+I-\boldsymbol{s})}{(\boldsymbol{s}-I)!\cdot(n-D-I)!} - \frac{(n-\boldsymbol{s})!}{(\iota-I)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{I} \wedge \mathbb{k} = 0 \wedge \boldsymbol{s} = s + \mathbb{I} \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{D-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(D+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=D-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=D-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=D-j_i+1}^{n_{ik}+j_{ik}-j_i-1}$$

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

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

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-D-1)!\cdot(D-j_i)!} +$$

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

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=D-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=D-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=D-j_i+1}^{n_{ik}+j_{ik}-j_i}$$

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

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

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-D-1)!\cdot(D-j_i)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{I} \wedge \mathbb{k} = 0 \wedge \boldsymbol{s} = s + \mathbb{I} \Rightarrow$

$D = \boldsymbol{n} < n$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=\boldsymbol{n}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-1} $$

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

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

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

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

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=\boldsymbol{n}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i} $$

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

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

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} $$

$D = \boldsymbol{n} < n \land I = \mathbb{I} \land \Bbbk = 0 \land \boldsymbol{s} = s + \mathbb{I} \Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{D-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(D+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=D-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=D-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=D-j_i+1}^{n_{ik}+j_{ik}-j_i-1} $$

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

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

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-D-1)!\cdot(D-j_i)!}+$$

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

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=D-j_s+1}^{n-j_s-\mathbb{I}+1}\sum_{(n_{ik}=D-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=D-j_i+1}^{n_{ik}+j_{ik}-j_i}$$

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

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

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-D-1)!\cdot(D-j_i)!}$$

$D=\boldsymbol{n}<n\wedge I=\mathbb{I}\wedge\mathbb{k}=0\wedge\boldsymbol{s}=s+\mathbb{I}\Rightarrow$

$${}_{0}S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}-j_s+1}^{n-j_s-\mathbb{I}+1}\sum_{(n_{ik}=\boldsymbol{n}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-1}$$

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

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

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

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

10 $D = \boldsymbol{n} < n$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i}$$

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

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

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(n-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

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

$$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(n - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

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

$$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(n-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

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

$$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(n-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s-\mathbb{l}+1)!} \cdot$$

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

$D = \boldsymbol{n} < n \wedge I = \mathbb{l} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(n-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

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

$$D=\boldsymbol{n}<n\wedge I=\mathbb{l}+\mathbb{k}\wedge\boldsymbol{s}=s+I\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

$$\frac{(n-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

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

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

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

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk} \left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\Rightarrow$

$$ {}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-I-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2\cdot j_{sa}^{s}\right)!}$$

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

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

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_{0}S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{\left(n_i+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s\right)!}$$

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}
$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST} = (D-s-1)!\cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

$D = \boldsymbol{n} < n$

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\land j_{ik}=j^{sa}-1\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}>0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z: z=1\land j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-I-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-I-1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{I}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

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

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

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

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{I}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk}$$

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

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

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{I}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk-1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$ {}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}
$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

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

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} $$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$$

$$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j^{sa}-1\Rightarrow$$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j_{ik}-1)!}{(\boldsymbol{n}+j_{sa}-j_{ik}-s-1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ \ )}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ \ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}-n_{sa}-s-2\cdot\mathbb{k}-1)!}{(n_{is}+n_{ik}+j_s-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!: z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ \ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ \ )}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=1 \wedge \mathbb{k}=\mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - s - I)!}{(n_i - \boldsymbol{n} - I)! \cdot (\boldsymbol{n} - s - 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{\left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{\left(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa}\right)! \cdot \left(j_{sa} - j_{sa}^{ik} - 1\right)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s-1)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z : z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land$

$\mathbb{k}_z : z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\Bigg(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i+j_s+j_{sa}-j^{sa}-s-I-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_s+j_{sa}-j^{sa}-s-j_{sa}^{s})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j^{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s+j_{sa}-j^{sa}-s-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)!\cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ \ )} \sum_{j^{sa}=j_s+j_{sa}-1} $$

$$ \sum_{(n_i=n)}^{(\ \ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+ $$

$$ (D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ \ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right. $$

$$ \sum_{(n_i=n)}^{(\ \ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot $$

$$ \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+ $$

$$ \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=n)}^{(\ \ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot $$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-I-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2\cdot j_{sa}^{s}\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z: z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z: z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\Bbbk_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\Bbbk_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\Bigg(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-j_{ik}-j^{sa}-s-2\cdot j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}-s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land$

$\mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+2\cdot j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-2\cdot j_{sa}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)! \cdot \left(j_{sa}-j_{sa}^{ik}-1\right)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)! \cdot \left(j_{sa}-j_{sa}^{ik}-1\right)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} \right) -$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{I}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-I-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-I)! \cdot \left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s-1)! \cdot \Bigg(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)!\cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)!\cdot(\mathbf{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\mathbf{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)!\cdot(\mathbf{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\mathbf{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\mathbf{n}+2\cdot j_{ik}+j_{sa}^{s}+j_{sa}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-s\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_{0}S_{D}^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\,)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\,)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\,)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\,)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}-j^{sa}-s-I-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{\left(n_i+j_{ik}+j_{sa}-j^{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}\right)!}{(n_i-\mathbf{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\mathbf{n}+j_{ik}+j_{sa}-j^{sa}-s-j_{sa}^{ik}\right)!}$$

$D = \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \mathbf{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\mathbf{n}-j_s-j_{sa}+1)!}{(\mathbf{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)!\cdot(\mathbf{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\mathbf{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\mathbf{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}\right)_{j^{sa}}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z\colon z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{\left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{\left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} \right) -$$

$$(D - s - 1)! \cdot \sum_{j_s = 2}^{\boldsymbol{n} - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(\ )} \sum_{j^{sa} = j_{ik} + 1}$$

$$\sum_{(n_i = n)}^{(\ )} \sum_{n_{is} = \boldsymbol{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 1}^{n_i - j_s - \mathbb{l} + 1} \sum_{(n_{ik} = n_{is} + j_s - j_{ik} - \mathbb{k}_1)}^{(\ )} \sum_{n_{sa} = n_{ik} + j_{ik} - j^{sa} - \mathbb{k}_2}$$

$$\left(\frac{(n_i - s - \mathbb{l} - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_i - \boldsymbol{n} - \mathbb{l} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot (\boldsymbol{n} - s)!} \right)_{j^{sa}}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s = 2}^{\boldsymbol{n} - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(\ )} \sum_{j^{sa} = j_s + j_{sa} - 1}$$

$$\sum_{(n_i = n)}^{(\ )} \sum_{n_{is} = \boldsymbol{n} + \mathbb{k}_1 + \mathbb{k}_2 - j_s + 1}^{n - j_s - \mathbb{l} + 1} \sum_{(n_{ik} = \boldsymbol{n} + \mathbb{k}_2 - j_{ik} + 1)}^{(n_{is} + j_s - j_{ik} - \mathbb{k}_1)} \sum_{n_{sa} = \boldsymbol{n} - j^{sa} + 1}^{n_{ik} - \mathbb{k}_2 - 1}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s = 2}^{\boldsymbol{n} - s + 1} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(\ )} \sum_{j^{sa} = j_{ik} + 2}^{\boldsymbol{n} + j_{sa} - s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$D = \boldsymbol{n} < n$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-I-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^{s}-1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}-j_{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^{s}-1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-I-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-2\cdot j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}+j_{sa}^{ik}-2\cdot j^{sa}-s-2\cdot j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-I+1)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2+1)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}-s+1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-I+1)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}+j_{sa}^{ik}-j_s-2\cdot j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-I-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j^{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j^{sa}-s-j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-I-1)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$
\begin{aligned}
{}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}\\
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}\\
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot\\
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-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}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\\
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.\\
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{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{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot\\
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(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}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+\\
\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\\
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{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{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
\end{aligned}
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{\left(n_i+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{l}-\Bbbk_1-\Bbbk_2-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\Bbbk_1-\Bbbk_2)!\cdot\left(\boldsymbol{n}+j^{sa}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-I-1)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}+j_{sa}-j_s-2\cdot j_{sa}^{ik}-s-1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\,)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\,)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\,)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\,)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\,)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_{ik} + j_{sa}^{s} + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - \mathbb{l} - \mathbb{k}_1 - \mathbb{k}_2 - 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{l} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot \left(\boldsymbol{n} + j_{ik} + j_{sa}^{s} + j_{sa} - j_s - 2 \cdot j_{sa}^{ik} - s - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}-s-I-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$
{}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\sum_{j^{sa}=j_s+j_{sa}-1}\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}\right.
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{sa}-s-j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-I+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-j_{sa}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-j_{sa}-s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{()}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{()}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{()}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{I}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{I}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k})!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n \land \mathbb{k}=0 \land I=\mathbb{l} \land \boldsymbol{s}=s+\mathbb{l} \lor$

$I=\mathbb{l}+\mathbb{k} \land s>1 \land \mathbb{l}>0 \land \mathbb{k}>0 \land \boldsymbol{s}=s+\mathbb{l}+\mathbb{k} \land \mathbb{k}_z\colon z=2 \land \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \lor$

$I=\mathbb{l}+\mathbb{k} \land s>1 \land \mathbb{l}>0 \land \mathbb{k}_2>0 \land \mathbb{k}_1=0 \land \boldsymbol{s}=s+\mathbb{l}+\mathbb{k} \land$

$\mathbb{k}_z\colon z=1 \land \mathbb{k}=\mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k})!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\left.\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\right) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(n_{is} - s - \mathbb{k}_1 - \mathbb{k}_2)!}{(n_{is} + j_s - \boldsymbol{n} - \mathbb{k}_1 - \mathbb{k}_2 - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\colon z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land$

$\mathbb{k}_z\colon z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)! \cdot \left(j_{sa}-j_{sa}^{ik}-1\right)!} \cdot
$$

$$
\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)! \cdot \left(j_{sa}-j_{sa}^{ik}-1\right)!} \cdot
$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2)!}{(n_{ik} + j_{ik} - \boldsymbol{n} - \mathbb{k}_2 - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(n_{ik} + j_{ik} + \mathbb{k}_1 - j_s - s - \mathbb{k})!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{I}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{I}+1)!}\cdot$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-j_{sa}^{s})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\Bbbk_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\vee$

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{I}+\Bbbk\wedge s>1\wedge\mathbb{I}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{I}+\Bbbk\wedge$

$\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{I}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{I}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{I}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{ik}-j_{ik}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2)!}{(2\cdot n_{is}+2\cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-2\cdot\mathbb{k})!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j^{sa}-j_s-s-\mathbb{k}_2-1)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j^{sa}+\mathbb{k}_1-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j^{sa}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z \colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$ {}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot $$

$$ \frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} + $$

$$ (D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right. $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot $$

$$ \frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} + $$

$$ \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} $$

$$ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot $$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\Bbbk_2-j_{sa}^{s}\right)!}{(n_{ik}+j^{sa}-\boldsymbol{n}-\Bbbk_2-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j^{sa}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j^{sa}+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\Bbbk_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot
$$

$$
\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.
$$

$$
\sum_{(n_i=n)}^{()} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\Bbbk_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{ik}-j^{sa}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2+1)!}{(2\cdot n_{is}+2\cdot j_s-n_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(2 \cdot n_{is} + j_s + \mathbb{k}_2 - n_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} + 1)!}{(2 \cdot n_{is} + 2 \cdot j_s + \mathbb{k}_2 - n_{ik} - j^{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s} + 1)! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{sa}+j^{sa}-j_s-s)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{sa}+j_{sa}-s-j_{sa}^{s})!}{(n_{sa}+j^{sa}-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}-s-j^{sa})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{sa}-j^{sa}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(2\cdot n_{is}+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{sa}-j^{sa}-s-2\cdot\mathbb{k})!}{(2\cdot n_{is}+2\cdot j_s-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_{sa}-j_{ik}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k}_2)!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\mathbb{k}_1-n_{sa}-j_s-j^{sa}-s-2\cdot\mathbb{k})!}{(2\cdot n_{ik}+2\cdot j_{ik}+2\cdot\mathbb{k}_1-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{\left(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}\right)!\cdot\left(j_{sa}-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}+j_{ik}-n_{sa}-j^{sa}-s-2\cdot\mathbb{k}_2-\mathbb{k}_1)!}{(n_{is}+n_{ik}+j_s+j_{ik}-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!\cdot(j_{sa}-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}+j_{ik}+\mathbb{k}_1-n_{sa}-j^{sa}-s-2\cdot\mathbb{k})!}{(n_{is}+n_{ik}+j_s+j_{ik}+\mathbb{k}_1-n_{sa}-j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{sa}+j_{ik}-j_s-s+1)!}{(n_{sa}+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{I}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{I}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{I}+1)!}\cdot$$

$$\frac{(n_{sa}+j_{sa}-s-j_{sa}^{s})!}{(n_{sa}+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}-s-j_{ik}-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\mathbb{k}\wedge s>1\wedge\mathbb{I}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{I}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{I}+\mathbb{k}\wedge s>1\wedge\mathbb{I}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{sa}-j_{ik}-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-1)!}{(2\cdot n_{is}+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\;\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{sa}-j_{ik}-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_{is}+2\cdot j_s-n_{sa}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\ \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\ \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\ \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(3 \cdot n_{is} + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - 1)!}{(3 \cdot n_{is} + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \boldsymbol{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_{0}S_{D}^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{\left(j_{ik} - j_s - j_{sa}^{ik} + 1\right)! \cdot \left(j_{sa}^{ik} - 2\right)!} \cdot \frac{(\boldsymbol{n} - j^{sa})!}{(\boldsymbol{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-s-2\cdot\mathbb{k}-\mathbb{k}_1+1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j^{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\land j_{ik}=j^{sa}-1\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}>0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land$

$\mathbb{k}_z\!:z=2\land\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\land j_{ik}=j^{sa}-1\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}_2>0\land\mathbb{k}_1=0\land$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z\!:z=1\land\mathbb{k}=\mathbb{k}_2\land j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_{sa}-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.$$

$$\sum_{(n_i=n)}^{()}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_{sa}-j_s-s-2\cdot\mathbb{k}_2-1)!}{(2\cdot n_{ik}+j_{ik}-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j^{sa}-1\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j^{sa}=j_s+j_{sa}-1}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s}\right.
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!}\Bigg) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j_s - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n} - j_s - j_{sa} + 1)!}{(\boldsymbol{n} - j_s - s + 1)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j^{sa})!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}-n_{sa}-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-1)!}{(n_{is}+n_{ik}+j_s-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j^{sa}-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\boldsymbol{n}-j_s-j_{sa}+1)!}{(\boldsymbol{n}-j_s-s+1)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{\boldsymbol{n}+j_{sa}-s} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j^{sa})!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{\boldsymbol{n}+j_{sa}-s}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_{sa}=\boldsymbol{n}-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(\boldsymbol{n}-j^{sa})!}{(\boldsymbol{n}+j_{sa}-j^{sa}-s)!\cdot(s-j_{sa})!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_{sa}-j^{sa})!}\cdot\frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j^{sa})!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j^{sa}=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}+\mathbb{k}_1-n_{sa}-s-2\cdot\mathbb{k}-1)!}{(n_{is}+n_{ik}+j_s+\mathbb{k}_1-n_{sa}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ \ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ \ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{\left(\boldsymbol{n}+j_{sa}^{ik}-s\right)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s-j_i-I-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}>0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land\mathbb{k}_z:z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-I-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_{0}S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-I-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z:z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-
$$

$$
(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(n_i+j_{ik}-j_i-I-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik})!}
$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -
$$

$$
(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{\left(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - I\right)!}{(n_i - \boldsymbol{n} - I)! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s\right)!}
$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
\left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)! \cdot (\boldsymbol{n}-s)!}\right)_{j_i}
$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z \colon z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)! \cdot (\boldsymbol{n}-s-1)!}
$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(n_i+j_s-j_{ik}-I-j_{sa}^{s}-1)!}{(n_i-\boldsymbol{n}-I)! \cdot (\boldsymbol{n}+j_s-j_{ik}-j_{sa}^{s}-1)!}
$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1} $$

$$ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot $$

$$ \frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} + $$

$$ (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot $$

$$ \frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} - $$

$$ (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - I - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - I)! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1\right)!} $$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S_{D}^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot s - I + 1)!}{(n_i - \boldsymbol{n} - I)! \cdot (\boldsymbol{n} + j_{ik} + j_{sa}^{s} - j_s - 2 \cdot s + 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -
$$

$$
(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{\left(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - I + 1\right)!}{(n_i - \boldsymbol{n} - I)! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1\right)!}
$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-
$$

$$
(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-I-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}
$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-I-1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2 \cdot j_{sa}^{ik}-I-1\right)!}{(n_i-\boldsymbol{n}-I)! \cdot \left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2 \cdot j_{sa}^{ik}-1\right)!}
$$

$D=\boldsymbol{n}<n\land \mathbb{k}=0\land I=\mathbb{l}\land \boldsymbol{s}=s+\mathbb{l}\land j_{ik}=j_i-1\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land \mathbb{l}>0\land \mathbb{k}>0\land \boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land \mathbb{k}_z\!:z=1\land j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-
$$

$$
(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{\left(n_i-I-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}
$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} - $$

$$ (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{\left(n_i+j_{sa}^{ik}-2 \cdot s-I+1\right)!}{(n_i-\boldsymbol{n}-I)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-2 \cdot s+1\right)!} $$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -
$$

$$
(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}
$$

$$
\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s-\mathbb{l}+1)!} \cdot
$$

$$\frac{(n_{is}-s-\mathbb{k})!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(n_{is} - s - \mathbb{k})!}{(n_{is} + j_s - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\;)}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k})!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\;)}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{\boldsymbol{n}-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(\boldsymbol{n}-n_{is}-1)!}{(j_s-2)!\cdot(\boldsymbol{n}-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{\boldsymbol{n}-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{ik}-j_{ik}-s-\mathbb{k})!}{(2\cdot n_{is}+2\cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$$

$$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k} - 1)!}{(n_{ik} + j_i - \boldsymbol{n} - \mathbb{k} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} -$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s-\mathbb{l}+1)!} \cdot$$

$$\frac{(2 \cdot n_{is}+j_s-n_{ik}-j_i-s-\mathbb{k}+1)!}{(2 \cdot n_{is}+2 \cdot j_s-n_{ik}-j_i-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}+1)! \cdot (\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s+j_i-j_s-s)!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}-j_i)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_s-j_i-s-2\cdot\mathbb{k})!}{(2\cdot n_{is}+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-2\cdot\mathbb{k})!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} $$

$$ \sum_{(n_i=n)}^{(\;\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\;\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} - $$

$$ (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;\;)} \sum_{j_i=j_s+s-1} $$

$$ \sum_{(n_i=n)}^{(\;\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\;\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} $$

$$ \frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s-\mathbb{l}+1)!} \cdot $$

$$ \frac{(2 \cdot n_{ik}+2 \cdot j_{ik}-n_s-j_s-j_i-s-2 \cdot \mathbb{k})!}{(2 \cdot n_{ik}+2 \cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2 \cdot \mathbb{k}-j_{sa}^{s})! \cdot (\boldsymbol{n}+j_{sa}^{s}-s-j_s)!} $$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 1 \Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-\Bbbk-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\Bbbk)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} - $$

$$ (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk} $$

$$ \frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s-\mathbb{l}+1)!} \cdot $$

$$\frac{(n_{is}+n_{ik}+j_{ik}-n_s-j_i-s-2\cdot\mathbb{k})!}{(n_{is}+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge j_{ik}=j_i-1\Rightarrow$

$$ {}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(n_s + j_{ik} - j_s - s + 1)!}{(n_s + j_{ik} - \boldsymbol{n} - j_{sa}^s + 1)! \cdot (\boldsymbol{n} + j_{sa}^s - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s-j_{sa}^s)!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^s+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z: z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\quad)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s-\mathbb{l}+1)!} \cdot$$

$$\frac{(2 \cdot n_{is}+j_s-n_s-j_{ik}-s-2 \cdot \mathbb{k}-1)!}{(2 \cdot n_{is}+2 \cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2 \cdot \mathbb{k}-j_{sa}^{s}-1)! \cdot (\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_{0}S_{D}^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\quad)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\quad)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-2\cdot\mathbb{k}+1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$$

$$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}-j_{ik}+1)}^{(n_{is}+j_s-j_{ik})} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik})}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}-n_s-s-2\cdot\mathbb{k}-1)!}{(n_{is}+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_{0}S_{D}^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2} \frac{(n_i-s-\mathbb{l}-\Bbbk_1-\Bbbk_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\Bbbk_1-\Bbbk_2)!\cdot(\boldsymbol{n}-s-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-I-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!: z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_i-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s-j_i-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-I-2\cdot j_{sa}^{s})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-2\cdot j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2\cdot j_{sa}^{s}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!} + $$

$$ (D-s-1)! \cdot \left(\sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!} + $$

$$ \sum_{j_s=2}^{\mathbf{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\mathbf{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\mathbf{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)!\cdot(\mathbf{n}-j_i)!} \right) - $$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}^s-j_s-2\cdot s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_i+j_{sa}^s-j_s-2\cdot s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_i+j_{sa}^{s}-j_s-2\cdot s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-2\cdot s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+2\cdot j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-j_{ik}-3\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-I-j_{sa}^{s})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s})!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$ {}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot $$

$$ \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} + $$

$$ (D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot $$

$$ \frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot $$

$$ \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} + $$

$$ \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot $$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^{s}\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-j_{sa}^{ik}-s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j^{sa}-2\cdot j_{sa}^{ik}-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j^{sa}-2\cdot j_{sa}^{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+2\cdot j_{ik}+j_{sa}^{s}-j_s-j_i-2\cdot j_{sa}^{ik})!}$$

$D=\boldsymbol{n}<n \wedge \mathbb{k}=0 \wedge I=\mathbb{l} \wedge \boldsymbol{s}=s+\mathbb{l} \vee$

$I=\mathbb{l}+\mathbb{k} \wedge s>1 \wedge \mathbb{l}>0 \wedge \mathbb{k}>0 \wedge \boldsymbol{s}=s+\mathbb{l}+\mathbb{k} \wedge \mathbb{k}_z : z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \vee$

$I=\mathbb{l}+\mathbb{k} \wedge s>1 \wedge \mathbb{l}>0 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{s}=s+\mathbb{l}+\mathbb{k} \wedge$

$\mathbb{k}_z : z=1 \wedge \mathbb{k}=\mathbb{k}_2 \Rightarrow$

$$ {}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot $$

$$ \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+ $$

$$ (D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right. $$

$$ \sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+ $$

$$ \sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i+j_{ik}-j_i-I-j_{sa}^{ik})!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik})!}$$

$D=\boldsymbol{n}<n\land\Bbbk=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\lor$

$I=\mathbb{l}+\Bbbk\land s>1\land\mathbb{l}>0\land\Bbbk>0\land\boldsymbol{s}=s+\mathbb{l}+\Bbbk\land\Bbbk_z:z=2\land\Bbbk=\Bbbk_1+\Bbbk_2\lor$

$I=\mathbb{l}+\Bbbk\land s>1\land\mathbb{l}>0\land\Bbbk_2>0\land\Bbbk_1=0\land\boldsymbol{s}=s+\mathbb{l}+\Bbbk\land$

$\Bbbk_z:z=1\land\Bbbk=\Bbbk_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\Bbbk_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\Bbbk_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\Bigg(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\Bigg)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}-j_i-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{ik}-j_i-j_{sa}^{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$$
{}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-I\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{ik}-j_{ik}-2\cdot s\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s)!}\right)_{j_i}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\left(\frac{(n_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)! \cdot (\boldsymbol{n}-s)!} \right)_{j_i}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-I)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}-s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\quad)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\quad)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\quad)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s - j_{ik} - I - j_{sa}^{s} - 1)!}{(n_i - \boldsymbol{n} - I)! \cdot (\boldsymbol{n} + j_s - j_{ik} - j_{sa}^{s} - 1)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_{0}S_{D}^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\;)} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s-j_{ik}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^s-1)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_s-j_{ik}-j_{sa}^s-1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-I-2\cdot j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+2\cdot j_s+j_{sa}^{ik}-2\cdot j_i-2\cdot j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{l} - \mathbb{k}_1 - \mathbb{k}_2 - 2 \cdot j_{sa}^{s} + 1\right)!}{(n_i - \boldsymbol{n} - \mathbb{l} - \mathbb{k}_1 - \mathbb{k}_2)! \cdot \left(\boldsymbol{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^{s} + 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z \colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z \colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\;)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{\boldsymbol{n}-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot s-I+1)!}{(n_i-\boldsymbol{n}-I)!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot s+1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+s-2)}^{(\;)}\;\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\;\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\;\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2+1)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot s+1)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s-I+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}+j_{sa}^{ik}-j_s-3\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-I-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^{s}+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i + j_i + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - I - 1\right)!}{(n_i - \boldsymbol{n} - I)! \cdot \left(\boldsymbol{n} + j_i + j_{sa}^{s} - j_s - j_{sa}^{ik} - s - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_i+j_{sa}^{s}-j_s-j_{sa}^{ik}-s-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-I-1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\land\mathbb{k}=0\land I=\mathbb{l}\land\boldsymbol{s}=s+\mathbb{l}\land j_{ik}=j_i-1\lor$

$I=\mathbb{l}+\mathbb{k}\land s>1\land\mathbb{l}>0\land\mathbb{k}>0\land\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\land$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
\right.
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot
$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{ik}+j_{sa}^{s}-j_s-2\cdot j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot$$

$$\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} \right) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i - I - j_{sa}^{ik} - 1\right)!}{(n_i - \boldsymbol{n} - I)! \cdot \left(\boldsymbol{n} - j_{sa}^{ik} - 1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i-\mathbb{I}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{ik}-1\right)!}{(n_i-\boldsymbol{n}-\mathbb{I}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}-j_{sa}^{ik}-1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{I}\wedge\boldsymbol{s}=s+\mathbb{I}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{I}+\mathbb{k}\wedge s>1\wedge\mathbb{I}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{I}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{I}+\mathbb{k}\wedge s>1\wedge\mathbb{I}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{I}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{I}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-I+1\right)!}{(n_i-\boldsymbol{n}-I)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{\left(n_i+j_{sa}^{ik}-2\cdot s-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2+1\right)!}{(n_i-\boldsymbol{n}-\mathbb{l}-\mathbb{k}_1-\mathbb{k}_2)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-2\cdot s+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z{:}\,z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z{:}\,z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k})!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z: z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k})!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_{0}S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}-s-\mathbb{k}_1-\mathbb{k}_2)!}{(n_{is}+j_s-\boldsymbol{n}-\mathbb{k}_1-\mathbb{k}_2-j_{sa}^s)!\cdot(\boldsymbol{n}+j_{sa}^s-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j_{ik}-j_s-s-\mathbb{k}_2)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \land \mathbb{k} = 0 \land I = \mathbb{l} \land \boldsymbol{s} = s + \mathbb{l} \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k} > 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land \mathbb{k}_z\!: z = 2 \land \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \lor$

$I = \mathbb{l} + \mathbb{k} \land s > 1 \land \mathbb{l} > 0 \land \mathbb{k}_2 > 0 \land \mathbb{k}_1 = 0 \land \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \land$

$\mathbb{k}_z\!: z = 1 \land \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j_{ik}+\mathbb{k}_1-j_s-s-\mathbb{k})!}{(n_{ik}+j_{ik}+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1} \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_{ik}+j_{ik}-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s})!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik}\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j_{sa}^{ik}+\Bbbk_1-s-\Bbbk-j_{sa}^{s})!}{(n_{ik}+j_{ik}+\Bbbk_1-\boldsymbol{n}-\Bbbk-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{ik}-s-j_{ik})!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z : z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z : z = 1 \wedge \Bbbk = \Bbbk_2 \Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{ik}-j_{ik}-s-2\cdot\mathbb{k}_1-\mathbb{k}_2)!}{(2\cdot n_{is}+2\cdot j_s-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{\left(j_{ik}=j_s+j_{sa}^{ik}-1\right)}^{(\ )}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_{ik}-s-2\cdot\mathbb{k})!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j_i-j_s-s-\mathbb{k}_2-1)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{ik}+j_i+\mathbb{k}_1-j_s-s-\mathbb{k}-1)!}{(n_{ik}+j_i+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^s-1)!\cdot(\boldsymbol{n}+j_{sa}^s-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!: z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!: z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$(D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)! \cdot (n_i-n_{is}-j_s-\mathbb{l}+1)!} \cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-j_{sa}^{s}\right)!}{(n_{ik}+j_i-\boldsymbol{n}-\mathbb{k}_2-j_{sa}^{s}-1)! \cdot \left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{\left(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-j_{sa}^{s}\right)!}{(n_{ik}+j_i+\mathbb{k}_1-\boldsymbol{n}-\mathbb{k}-j_{sa}^{s}-1)!\cdot\left(\boldsymbol{n}+j_{sa}^{ik}-s-j_i+1\right)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ \ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ \ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ \ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ \ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ \ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_{ik}-j_i-s-2\cdot\mathbb{k}_1-\mathbb{k}_2+1)!}{(2\cdot n_{is}+2\cdot j_s-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-\mathbb{k}_2-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s+\mathbb{k}_2-n_{ik}-j_i-s-2\cdot\mathbb{k}+1)!}{(2\cdot n_{is}+2\cdot j_s+\mathbb{k}_2-n_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s+j_i-j_s-s)!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n \wedge \mathbb{k}=0 \wedge I=\mathbb{l} \wedge \boldsymbol{s}=s+\mathbb{l} \vee$

$I=\mathbb{l}+\mathbb{k} \wedge s>1 \wedge \mathbb{l}>0 \wedge \mathbb{k}>0 \wedge \boldsymbol{s}=s+\mathbb{l}+\mathbb{k} \wedge \mathbb{k}_z\colon z=2 \wedge \mathbb{k}=\mathbb{k}_1+\mathbb{k}_2 \vee$

$I=\mathbb{l}+\mathbb{k} \wedge s>1 \wedge \mathbb{l}>0 \wedge \mathbb{k}_2>0 \wedge \mathbb{k}_1=0 \wedge \boldsymbol{s}=s+\mathbb{l}+\mathbb{k} \wedge$

$\mathbb{k}_z\colon z=1 \wedge \mathbb{k}=\mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\;\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\;\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_i-\boldsymbol{n}-j_{sa}^{s})!\cdot(\boldsymbol{n}-j^{sa})!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$${}_{0}S_{D}^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\;\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\;\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_s-j_i-s-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(2\cdot n_{is}+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_s-j_i-s-2\cdot\mathbb{k})!}{(2\cdot n_{is}+2\cdot j_s-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{()}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\ \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{()}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{()}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{()}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{()}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-j_{ik}-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z:z=1\wedge\mathbb{k}=\mathbb{k}_2\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)!\cdot\left(j_{sa}^{ik}-2\right)!}\cdot\frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)!\cdot\left(s-j_{sa}^{ik}-1\right)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_s-j_i-s-2\cdot\mathbb{k}_2)!}{(2\cdot n_{ik}+2\cdot j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}_2-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$
{}_{0}S_{D}^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$
\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
$$

$$
\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik})!} \cdot
$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!}\Bigg) -$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - j_i - s - 2 \cdot \mathbb{k})!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_i - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s})! \cdot (\boldsymbol{n} + j_{sa}^{s} - s - j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \Bigg(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)}\sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-j_{sa}^{ik}+1)!\cdot(j_{sa}^{ik}-2)!}\cdot\frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)!\cdot(s-j_{sa}^{ik}-1)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}+j_{ik}-n_s-j_i-s-2\cdot\Bbbk_2-\Bbbk_1)!}{(n_{is}+n_{ik}+j_s+j_{ik}-n_s-j_i-\boldsymbol{n}-2\cdot\Bbbk_2-\Bbbk_1-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)! \cdot \left(s-j_{sa}^{ik}-1\right)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik})}^{(\boldsymbol{n}+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{\left(j_{ik}-j_s-j_{sa}^{ik}+1\right)! \cdot \left(j_{sa}^{ik}-2\right)!} \cdot \frac{(j_i-j_{ik}-1)!}{\left(j_i+j_{sa}^{ik}-j_{ik}-s\right)! \cdot \left(s-j_{sa}^{ik}-1\right)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\;\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}+j_{ik}+\mathbb{k}_1-n_s-j_i-s-2\cdot\mathbb{k})!}{(n_{is}+n_{ik}+j_s+j_{ik}+\mathbb{k}_1-n_s-j_i-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s})!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+s-2)}^{(\;)}\;\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+s-2)}^{(\;)}\;\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s+j_{ik}-j_s-s+1)!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^s+1)!\cdot(\boldsymbol{n}+j_{sa}^s-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\colon z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\colon z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$
{}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\ \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\ )}\ \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot
$$

$$
\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ \ )}\ \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ \ )}\ \sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_s-j_{sa}^{s})!}{(n_s+j_{ik}-\boldsymbol{n}-j_{sa}^{s}+1)!\cdot(\boldsymbol{n}-j_{ik}-1)!}$$

$D = \boldsymbol{n} < n \wedge \Bbbk = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge$

$\Bbbk_z\!: z = 2 \wedge \Bbbk = \Bbbk_1 + \Bbbk_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \Bbbk \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \Bbbk_2 > 0 \wedge \Bbbk_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \Bbbk \wedge \Bbbk_z\!: z = 1 \wedge \Bbbk = \Bbbk_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ \ )}\ \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\ \sum_{(j_{ik}=j_s+s-2)}^{(\ \ )}\ \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ \ )}\ \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\ \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\ \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_s-j_{ik}-s-2\cdot\Bbbk_1-2\cdot\Bbbk_2-1)!}{(2\cdot n_{is}+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\Bbbk_1-2\cdot\Bbbk_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\colon z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\colon z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\;)} \sum_{j_i=j_s+s-1}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
$$

$$
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\;)} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
$$

$$
\sum_{(n_i=n)}^{(\;)} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
$$

$$
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
$$

$$
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
$$

$$
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{is}+j_s-n_s-j_{ik}-s-2\cdot\mathbb{k}-1)!}{(2\cdot n_{is}+2\cdot j_s-n_s-j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2+1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot$$

$$\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-3\cdot\mathbb{k}_1-2\cdot\mathbb{k}_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z\!: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z\!: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-2)}^{(\ )}\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-2\cdot j_i-s-2\cdot\mathbb{k}-\mathbb{k}_1+1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-2\cdot j_i-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$ {}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\Bbbk_2-1} $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\Bbbk_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\Bbbk_1)!} \cdot $$

$$ \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ (D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) - $$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\;)}\;\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\;)}\;\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(3\cdot n_{is}+2\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-s-2\cdot\mathbb{k}-\mathbb{k}_1-1)!}{(3\cdot n_{is}+3\cdot j_s-n_{ik}-n_s-2\cdot j_{ik}-\boldsymbol{n}-2\cdot\mathbb{k}-\mathbb{k}_1-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\colon z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\colon z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$${}_0S_D^{DOST}=(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+s-2)}^{(\;)}\;\sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!}\cdot$$

$$\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$(D-s-1)!\cdot\left(\sum_{j_s=2}^{\boldsymbol{n}-s+1}\;\sum_{(j_{ik}=j_s+s-2)}^{(\;)}\;\sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}\right.$$

$$\sum_{(n_i=n)}^{(\;)}\;\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\;\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\;\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\Bbbk_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\Bbbk_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\Bbbk_1+\Bbbk_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\Bbbk_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\Bbbk_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(2\cdot n_{ik}+j_{ik}-n_s-j_s-s-2\cdot\Bbbk_2-1)!}{(2\cdot n_{ik}+j_{ik}-n_s-\boldsymbol{n}-2\cdot\Bbbk_2-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}-s)!}$$

$D=\boldsymbol{n}<n\wedge\Bbbk=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk>0\wedge\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge$

$\Bbbk_z\!:z=2\wedge\Bbbk=\Bbbk_1+\Bbbk_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\Bbbk\wedge s>1\wedge\mathbb{l}>0\wedge\Bbbk_2>0\wedge\Bbbk_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\Bbbk\wedge\Bbbk_z\!:z=1\wedge\Bbbk=\Bbbk_2\wedge j_{ik}=j_i-1\Rightarrow$

$$
{}_0S_D^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot
\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} +
$$

$$
(D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + \right.
$$

$$
\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}
\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot
\frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot
\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) -
$$

$$(D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1} \sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - n_{is} - \mathbb{l} - 1)!}{(j_s - 2)! \cdot (n_i - n_{is} - j_s - \mathbb{l} + 1)!} \cdot$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - s - 2 \cdot \mathbb{k} - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - \boldsymbol{n} - 2 \cdot \mathbb{k} - j_{sa}^{s} - 1)! \cdot (\boldsymbol{n} - s)!}$$

$D = \boldsymbol{n} < n \wedge \mathbb{k} = 0 \wedge I = \mathbb{l} \wedge \boldsymbol{s} = s + \mathbb{l} \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k} > 0 \wedge \boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge$

$\mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{l} + \mathbb{k} \wedge s > 1 \wedge \mathbb{l} > 0 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge$

$\boldsymbol{s} = s + \mathbb{l} + \mathbb{k} \wedge \mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S_D^{DOST} = (D - s - 1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1}$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n - n_{is} - 1)!}{(j_s - 2)! \cdot (n - n_{is} - j_s + 1)!} \cdot \frac{(n_{is} - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - j_s - 1)! \cdot (n_{is} + j_s - n_{ik} - j_{ik} - \mathbb{k}_1)!} \cdot$$

$$\frac{(n_s - 1)!}{(n_s + j_i - \boldsymbol{n} - 1)! \cdot (\boldsymbol{n} - j_i)!} +$$

$$(D - s - 1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right.$$

$$\sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - j_s - 1)!}{(j_{ik} - j_s - s + 2)! \cdot (s - 3)!} \cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}+$$

$$\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)}\sum_{j_i=j_{ik}+1}^{\boldsymbol{n}}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1}\sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)}\sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)!\cdot(s-3)!}\cdot$$

$$\frac{(n-n_{is}-1)!}{(j_s-2)!\cdot(n-n_{is}-j_s+1)!}\cdot\frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)!\cdot(n_{is}+j_s-n_{ik}-j_{ik})!}\cdot$$

$$\left.\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)!\cdot(n_{ik}+j_{ik}-n_s-j_i)!}\cdot\frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-j_i)!}\right)-$$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}-n_s-s-2\cdot\mathbb{k}_2-\mathbb{k}_1-1)!}{(n_{is}+n_{ik}+j_s-n_s-\boldsymbol{n}-2\cdot\mathbb{k}_2-\mathbb{k}_1-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D=\boldsymbol{n}<n\wedge\mathbb{k}=0\wedge I=\mathbb{l}\wedge\boldsymbol{s}=s+\mathbb{l}\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}>0\wedge\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge$

$\mathbb{k}_z\!:z=2\wedge\mathbb{k}=\mathbb{k}_1+\mathbb{k}_2\wedge j_{ik}=j_i-1\vee$

$I=\mathbb{l}+\mathbb{k}\wedge s>1\wedge\mathbb{l}>0\wedge\mathbb{k}_2>0\wedge\mathbb{k}_1=0\wedge$

$\boldsymbol{s}=s+\mathbb{l}+\mathbb{k}\wedge\mathbb{k}_z\!:z=1\wedge\mathbb{k}=\mathbb{k}_2\wedge j_{ik}=j_i-1\Rightarrow$

$$ {}_{0}S_{D}^{DOST} = (D-s-1)! \cdot \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_s+s-1} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik}-\mathbb{k}_1)!} \cdot $$

$$ \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ (D-s-1)! \cdot \left(\sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-2)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\boldsymbol{n}} \right. $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} + $$

$$ \sum_{j_s=2}^{\boldsymbol{n}-s+1} \sum_{(j_{ik}=j_s+s-1)}^{(\boldsymbol{n}-1)} \sum_{j_i=j_{ik}+1}^{\boldsymbol{n}} $$

$$ \sum_{(n_i=n)}^{(\ )} \sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n-j_s-\mathbb{l}+1} \sum_{(n_{ik}=\boldsymbol{n}+\mathbb{k}_2-j_{ik}+1)}^{(n_{is}+j_s-j_{ik}-\mathbb{k}_1)} \sum_{n_s=\boldsymbol{n}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} $$

$$ \frac{(j_{ik}-j_s-1)!}{(j_{ik}-j_s-s+2)! \cdot (s-3)!} \cdot $$

$$ \frac{(n-n_{is}-1)!}{(j_s-2)! \cdot (n-n_{is}-j_s+1)!} \cdot \frac{(n_{is}-n_{ik}-1)!}{(j_{ik}-j_s-1)! \cdot (n_{is}+j_s-n_{ik}-j_{ik})!} \cdot $$

$$ \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-j_i)!} \right) - $$

$$(D-s-1)!\cdot\sum_{j_s=2}^{\boldsymbol{n}-s+1}\sum_{(j_{ik}=j_s+j_{sa}^{ik}-1)}^{(\ )}\sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n)}^{(\ )}\sum_{n_{is}=\boldsymbol{n}+\mathbb{k}_1+\mathbb{k}_2-j_s+1}^{n_i-j_s-\mathbb{l}+1}\sum_{(n_{ik}=n_{is}+j_s-j_{ik}-\mathbb{k}_1)}^{(\ )}\sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-n_{is}-\mathbb{l}-1)!}{(j_s-2)!\cdot(n_i-n_{is}-j_s-\mathbb{l}+1)!}\cdot$$

$$\frac{(n_{is}+n_{ik}+\mathbb{k}_1-n_s-s-2\cdot\mathbb{k}-1)!}{(n_{is}+n_{ik}+j_s+\mathbb{k}_1-n_s-\boldsymbol{n}-2\cdot\mathbb{k}-j_{sa}^{s}-1)!\cdot(\boldsymbol{n}+j_{sa}^{s}-s-j_s)!}$$

$D = \boldsymbol{n} < n \wedge I = \mathbb{I} + \mathbb{k} \wedge \boldsymbol{s} = s + I \wedge \mathbb{k}_z : z > 1 \Rightarrow$

$$ {}_0S_D^{DOST} = \prod_{z=2}^{s} \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_z=z}^{(j_i)_z-1} \sum_{((j_i)_z=z+1 \vee z=s \Rightarrow s+1)}^{((j_{ik})_{z+2}-1 \vee \boldsymbol{n})} $$

$$ \sum_{n_i=n} \sum_{\left((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=1}\mathbb{k}_i-(j_i)_1 \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=1}^{s-1}\mathbb{k}_i-(j_i)_1+1\right)}^{\left(n-(j_i)_1\left(\wedge-\left(\mathbb{I}-(n-n_i)\right)\right)+1\right)} $$

$$ \sum_{(n_{ik})_z=(n_s)_z+(j_i)_z+\sum_{i=z-1}\mathbb{k}_i-(j_{ik})_z \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z-1}^{s-1}\mathbb{k}_i-(j_{ik})_z+1}^{(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_{ik})_z-\sum_{i=z-2}\mathbb{k}_i} $$

$$ \sum_{\left((n_s)_z=(n_s)_{z+1}+(j_i)_{z+1}+\sum_{i=z}\mathbb{k}_i-(j_i)_z \vee z=s \Rightarrow \boldsymbol{n}+\sum_{i=z}^{s-1}\mathbb{k}_i-(j_i)_z+1\right)}^{\left((n_{ik})_z+(j_{ik})_z-(j_i)_z-\sum_{i=z-1}\mathbb{k}_i\right)} $$

$$ \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_z\right)!}{\left(D-s-(j_i)_z+(j_{ik})_z-\left(j_{ik}-j_{sa}^{ik}\right)_z+1\right)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!} \cdot $$

$$ \frac{(n-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n-(n_{ik})_1-(j_i)_1+1)!} \cdot $$

$$ \frac{((n_{ik})_z-(n_s)_z-1)!}{((j_i)_z-(j_{ik})_z-1)! \cdot ((n_{ik})_z+(j_{ik})_z-(n_s)_z-(j_i)_z)!} \cdot $$

$$ \frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)! \cdot (\boldsymbol{n}-(j_i)_{z=s})!} - $$

$$ \prod_{z=2}^{s} \sum_{((j_i)_1=(j_{ik})_3-1)}^{(\;)} \sum_{(j_{ik})_z=(j_i)_z-1} \sum_{((j_i)_z=z+1 \vee z=s \Rightarrow s+1)}^{(\boldsymbol{n})} $$

$$ \sum_{n_i=n} \sum_{\left((n_{ik})_1=n-(j_i)_1\left(\wedge-\left(\mathbb{I}-(n-n_i)\right)\right)+1\right)}^{(\;)} $$

$$ \sum_{(n_{ik})_z=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_{ik})_z-\sum_{i=z-2}\mathbb{k}_i} $$

$$ \sum_{\left((n_s)_z=(n_{ik})_z+(j_{ik})_z-(j_i)_z-\sum_{i=z-1}\mathbb{k}_i\right)}^{(\;)} $$

$$\frac{(D-s)!}{(D-s-(j_i)_1+2)!}\cdot\frac{\left(D-s-\left(j_{ik}-j_{sa}^{ik}\right)_z\right)!}{\left(D-s-(j_i)_z+(j_{ik})_z-\left(j_{ik}-j_{sa}^{ik}\right)_z+1\right)!}\cdot\frac{(D-(j_i)_{z=s})!}{(D-\boldsymbol{n})!}\cdot$$

$$\frac{(n-(n_{ik})_1-1)!}{((j_i)_1-2)!\cdot(n-(n_{ik})_1-(j_i)_1+1)!}\cdot$$

$$\frac{((n_{ik})_z-(n_s)_z-1)!}{((j_i)_z-(j_{ik})_z-1)!\cdot((n_{ik})_z+(j_{ik})_z-(n_s)_z-(j_i)_z)!}\cdot$$

$$\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-\boldsymbol{n}-1)!\cdot(\boldsymbol{n}-(j_i)_{z=s})!}$$

Örnek D59; *DNA kopyalanmasında Helikalas proteini, kopyalanma çatalında ikili sarmalı tersine döndürerek eski iki zincire ayırır. 100 genden oluşan özel bir DNA'nın bir geninin bir ipliği adenin (A), guanin (G) ve sitozinin (C) farklı dizilimi ve beş timinin (T) bu üç azotlu bazın olasılık dağılımlarına bağımsız olasılıkla dağılımından oluşsun. Bir iplikteki AGC simetrisi kopyalanma çatalı olsun. Bu çatalın timinle başlayıp sonraki ilk farklı dizilimli azotlu bazı adenin olan ve adeninle başlayan dağılımlardaki TGC düzgün olmayan simetrik yapılarının bulunduğu ökaryotik hücrelerde* $5'$ *ucunun bulunduğunu kabul edelim*[1]*. Helikalas proteini ve DNA polimeraz enzimi* $5'$ *ucunda kopyalanma hatasında düzeltme yapamıyorsa, a) DNA'da* $5'$ *uclu kopyalanma hatası nekadardır? b)timinle başlayan dağılımlardaki* $5'$ *uçlu kopyalanma hatası ne kadardır? c) adeninle başlayan dağılımlardaki* $5'$ *uçlu kopyalanma hatası nekadardır?*

$DNA=100\,gen, her\ gen\ için\ D=3, n=8, \imath=5, I=1\ ve\ \boldsymbol{s}=3\Rightarrow$

$a)\ {}_0S^{DOST}=?\ ve\ {}_0S^{DOST}\cdot 100=?$ *b)* ${}_0S_0^{DOST}=?\,ve\ {}_0S_0^{DOST}\cdot 100=?$

c) ${}_0S_D^{DOST}=?\,ve\ {}_0S_D^{DOST}\cdot 100=?$

Bu örnekte ilişki belirlemesi olmadığından 2. seviyeden soru örneğidir.

a)

$${}_0S^{DOST}=\frac{n!}{(\boldsymbol{s}-I)!\cdot(\imath-I)!\cdot(n-\imath-\boldsymbol{s}+I)}\cdot\left(\frac{(\boldsymbol{s}+\imath-2\cdot I)!}{(\boldsymbol{s}+\imath-I)!}-\frac{(n-I)!\cdot(\boldsymbol{s}-I)}{n!\cdot(n-\imath)}\right)-$$

$$\frac{(n-\boldsymbol{s}+1)!}{(\imath-I)!\cdot(n-\imath-\boldsymbol{s}+I+1)}$$

$${}_0S^{DOST}=\frac{8!}{(3-1)!\cdot(5-1)!\cdot(8-5-3+1)}\cdot\left(\frac{(3+5-2\cdot 1)!}{(3+5-1)!}-\frac{(8-1)!\cdot(3\ -1)}{8!\cdot(8-5)}\right)-$$

[1] Bu sorunun biyoloji kısmı için Campel, N. A. ve Reece J. B. "Biyoloji", ss: 296-300 bakılabilir

$$\frac{(8-3+1)!}{(5-1)!\cdot(8-5-3+1+1)}$$

$${}_0S^{DOST} = \frac{8!}{2!\cdot 4!}\cdot\left(\frac{6!}{7!}-\frac{7!\cdot 2}{8!\cdot 3}\right)-\frac{6!}{4!\cdot 2}$$

$${}_0S^{DOST} = 35$$

$${}_0S^{DOST}\cdot 100 = 35\cdot 100 = 3.500$$

ökaryatik hücrenin DNA'sında $5'$ *uçlu 3.500 kopyalanma hatası oluşur.*

b)

$${}_0S_0^{DOST} = \frac{(n-1)!}{(\boldsymbol{s}-I)!\cdot(\iota-I)!\cdot(n-\iota-\boldsymbol{s}+I)}\cdot\left(\frac{(\boldsymbol{s}+\iota-2\cdot I)!}{(\boldsymbol{s}+\iota-I-1)!}-\frac{(n-I)!\cdot(\boldsymbol{s}-I)}{(n-1)!\cdot(n-\iota)}\right)-\frac{(n-\boldsymbol{s})!}{(\iota-I-1)!\cdot(n-\iota-\boldsymbol{s}+I+1)}$$

$${}_0S_0^{DOST} = \frac{(8-1)!}{(3-1)!\cdot(5-1)!\cdot(8-5-3+1)}\cdot\left(\frac{(3+5-2\cdot 1)!}{(3+5-1-1)!}-\frac{(8-1)!\cdot(3-1)}{(8-1)!\cdot(8-5)}\right)-\frac{(8-3)!}{(5-1-1)!\cdot(8-5-3+1+1)}$$

$${}_0S_0^{DOST} = \frac{7!}{2!\cdot 4!}\cdot\left(\frac{6!}{6!}-\frac{7!\cdot 2}{7!\cdot 3}\right)-\frac{5!}{3!\cdot 2}$$

$${}_0S_0^{DOST} = 25$$

$${}_0S_0^{DOST}\cdot 100 = 25\cdot 100 = 2.500$$

ökaryatik hücrenin DNA'sında $5'$ *uçlu 3.500 kopyalanma hatasının 2.500'ü timin ile başlayıpsonraki ilk farklı dizilimli azotlu bazı adenin olan dağılımlarda bulunur.*

c)

$${}_0S_D^{DOST} = \frac{(n-1)!}{(\boldsymbol{s}-I)!\cdot(\iota-I)!}\cdot\frac{(\boldsymbol{s}+\iota-2\cdot I)!}{(\boldsymbol{s}+\iota-I)!}-\frac{(n-\boldsymbol{s})!}{(\iota-I)!}$$

$${}_0S_D^{DOST} = \frac{7!}{2!\cdot 4!}\cdot\frac{6!}{7!}-\frac{5!}{4!}$$

$_{0}S_{D}^{DOST} = 10$

$_{0}S_{D}^{DOST} \cdot 100 = 10 \cdot 100 = 1.000$

ökaryatik hücrenin DNA'sında $5'$ *uçlu 3.500 kopyalanma hatasının 1.000'ü adenin ile başlayan dağılımlarda bulunur.*

BAĞIMLI DURUMLA BAŞLAYAN DAĞILIMLARDA BAĞIMSIZ-BAĞIMLI DURUMLU TEK KALAN DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde $\{0, 0, 0, 1, 2, 3, 4, 5\}$ veya $\{0, 0, 0, 1, 2, \mathbf{0}, \mathbf{0}, \mathbf{0}, 3, 4, \mathbf{0}, \mathbf{0}, 5\}$, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısı; bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımın başladığı duruma göre tek simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı farklı dizilimli bir bağımlı durumun bağımsız tek simetrik olasılığın ve bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bağımsız durumla başlayıp, bağımlı durumla bittiğinde, bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlardan, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki, tek kalan düzgün olmayan simetrik bulunmama olasılığı için,

$$ {}_{0}S_{D}^{DOST,B} = \left({}_{0,T}^{\;1}S_{1}^{1} - {}_{0,1t}^{\;\;1}S_{1}^{1} \right) - {}_{0}S_{D}^{DOST} $$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımlarda, simetri bağımsız durumla başlayıp bağımlı durumla bittiğinde; simetride bulunmayan bir bağımlı durumla başlayan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına ***bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı*** denir. Bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu bağımlı tek kalan düzgün olmayan simetrik bulunmama olasılığı ${}_{0}S_{D}^{DOST,B}$ ile gösterilecektir.

BÖLÜM D TEK KALAN DÜZGÜN OLMAYAN SİMETRİK OLASILIK ÖZET

- Bağımlı ve bir bağımsız olasılıklı farklı dizilimli olasılık dağılımlarından, simetride bulunmayan bir bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetride bulunmayan bir bağımlı durum bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; tek kalan simetrik olasılıktan, tek kalan düzgün simetrik olasılığın farkına eşit olur.

$$S^{DOST} = S^{DST} - S^{DSST}$$
veya
$${}_0S^{DOST} = {}_0S^{DST} - {}_0S^{DSST}$$
veya
$${}^0S^{DOST} = {}^0S^{DST} - {}^0S^{DSST}$$

- Bağımlı ve bir bağımsız olasılıklı farklı dizilimli olasılık dağılımlarından, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetride bulunmayan bir bağımlı durum bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki tek kalan simetrik olasılıktan, tek kalan düzgün simetrik olasılığın farkına eşit olur.

$$S_0^{DOST} = S_0^{DST} - S_0^{DSST}$$
veya
$${}_0S_0^{DOST} = {}_0S_0^{DST} - {}_0S_0^{DSST}$$
veya
$${}^0S_0^{DOST} = {}^0S_0^{DST} - {}^0S_0^{DSST}$$

- Bağımlı ve bir bağımsız olasılıklı farklı dizilimli olasılık dağılımlarından, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki tek kalan simetrik olasılıktan, tek kalan düzgün simetrik olasılıkların farkına eşit olur.

$$S_D^{DOST} = S_D^{DST} - S_D^{DSST}$$
veya
$${}_0S_D^{DOST} = {}_0S_D^{DST} - {}_0S_D^{DSST}$$
veya
$${}^0S_D^{DOST} = {}^0S_D^{DST} - {}^0S_D^{DSST}$$

DİZİN

B

VDOİHİ’de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ’de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. VDOİHİ konu anlatım ciltleri ve aynı cilt numaraları ile soru, problem ve ispat çözümlerinden oluşmaktadır. Bu cilt, bağımlı ve bir bağımsız olasılıklı farklı dizilimli bağımsız-bağımlı durumlu simetrinin, simetride bulunmayan bir bağımlı durumla başlayan dağılımlardaki tek kalan düzgün olmayan simetrik olasılığı ve tek kalan düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimli Bağımsız-Bağımlı Durumlu Simetrinin Bağımlı Durumla Başlayan Dağılımlardaki Tek Kalan Düzgün Olmayan Simetrik Olasılık kitabında, bağımlı durum sayısı, bağımlı olay sayısına eşit farklı dizilimli dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek yeni olasılık dağılımlarından, simetride bulunmayan bir bağımlı durumla başlayan dağılımlarda, bağımsız-bağımlı durumlardan oluşan simetrinin; düzgün olmayan simetrik olasılıkları ve düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitlikleri verilmektedir.

VDOİHİ’nin bu cildinde verilen tek kalan düzgün olmayan simetrik olasılık eşitlikleri teorik yöntemle üretilmiştir. Tanım ve eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.