

# VDOİHİ

Bağımlı ve Bir Bağımsız  
Olasılıklı Büyük Farklı  
Dizilimli Bir Bağımlı-  
Bağımsız ve Bağımlı-Bağımsız  
Durumlu Simetrinin İlk  
Düzensiz Olmayan Simetrik  
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Cilt 2.2.8.1

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## **KÜTÜPHANE BİLGİLERİ**

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*1. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli ilk düzgün olmayan simetrik olasılık 2. Bir Bağımlı-bağımsız durumlu simetrisinin ilk düzgün olmayan simetrik olasılığı 3. Bağımlı-bağımsız durumlu simetrisinin ilk düzgün olmayan simetrik olasılığı*

*Dili: Türkçe + Matematik Mantık*

## Yazar Hakkında

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

## Yazar ve VDOİHİ

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

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

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

merkezli, matematiksel fonksiyonlarla (lineer, kuvvet, trigonometri “sin, cos, tan, cot, sinh, cosh, tanh, coth”, ln, log, eksponansiyel v.d.) değerlendirmeyi ise birey merkezli değerlendirme, sınırlandırması getirerek, değerlendirmeye iki yeni boyut daha kazandırmıştır. Ayrıca  $\frac{a}{b} + \frac{c}{d}$  ve  $\frac{a+c}{b+d}$  matematiksel işlemlerinin anlam ve sonuç farklılıklarını, değerlendirme için aktifleyerek, değerlendirmeye iki yeni boyut daha kazandırmıştır. Böylece eğitimde ölçme ve değerlendirmeye; PÇT aşamaları  $5 \times 5$ , yine PÇT'nin bilgi ve başarı düzeylerinin  $2 \times 2$ , sınıflandırılmış iki tabanlı olasılık yöntemi  $5 \times 5$ , bilgi ve birey merkezli ölçme ve değerlendirmeyle  $2 \times 2$ , matematiksel işlem farklılıklarıyla  $2 \times 2$  olmak üzere 40.000 yeni boyut kazandırmıştır. Bu boyutlara yukarıda verilen matematiksel fonksiyonlarında dahil edilmesiyle en az  $(13 \times 13)$  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 yaratılışına uyma olasılığı son derece düşük doğrusal değerlendirmelerle yapılandırılması, yazar tarafından insanlığa ihanet olarak görüldüğünden, doğru verilerle eğitimin bilimsel niteliklerde yapılandırılabilmesi için, ölçme ve değerlendirmeye yeni boyutlar kazandırılmaktadır.

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

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

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

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

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

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

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

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

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

VDOİHİ’de hem sonsuz çalışma prensibine dayalı elektronik teknolojinin matematiksel yapısı hem de Telifli eserlerinde ve VDOİHİ’de, ilk defa yapay zeka çağının kapılarını aralayan çalışmalar yapılmıştır. VDOİHİ cilt 2.1.1’in giriş bölümünde yapay zeka ve çağının tanımı yapılarak, kütüphane ve referans bilgileriyle ilişkilendirilmiştir. Daha sonra VDOİHİ ve Telifli eserlerinde insanlığın gelişimini ivmelendirecek; yapay zeka görev kodları, verilerin analizleriyle ait olduğu disiplinin belirlenmesi, verinin analizinden verilen ve istenilenlerin belirlenmesi, değişken analizi, eksik değişkenlerin belirlenmesi, eksik değişkenlerin verilerinin üretimi, değişkenler arası eşitliklerin kurulması ve elde edilen bilgilerin sözel ifadeleriyle bilim ve teknoloji için gerekli bilgiyi üretebilen yazılımlar verilmiştir. Hem bu yazılımlarla hem de benzeri yazılımlarla, bilim insanları tarafından 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 özgürlüklerinin gasp edilmesinin önünde güçlü bir engel teşkil edecektir. Bugüne kadar artificial intelligence çalışmalarıyla sadece ve sadece kütüphane bilgisinin bir kısmı üretilebildiği ve kütüphane bilgisi üretebilen teknoloji geliştirildiğinden, bunlar yapay zekanın öncü çalışmalarından öte geçip yapay zeka konumunda düşünülemez. Gerçek yapay zeka hem kütüphane hem de referans bilgisi üretebilir olması gerektiğinden; a) yazar tarafından doktora tez çalışması başta olmak üzere belirli çalışmalarında kütüphane bilgisinin ileri örnekleri başarıldığından, b) ilk defa VDOİHİ ve Telifli eserlerinde referans bilgisini üreten yazılımlar başarıldığından ve c) yapay zekanın gereksinim duyabileceği dijital teknoloji yerine, sonsuz çalışma prensibine dayalı elektronik teknolojisinin bilimsel-matematiksel yapısı yazar tarafından geliştirildiğinden, insanlığın bugüne kadar uyguladığı teamüller gereği adlandırmanın da Türkçe yapılması elzem ve adil bir zorunluluktur. Bu nedenle insan biyolojisinin ürünü olmayan zeka “yapay zeka” ve insan biyolojisinin ürünü olmayan zekayla insanlığın gelişiminin ivmelendirildiği zaman periyodu da “yapay zeka çağı” olarak adlandırılmalıdır.

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

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

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

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

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

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

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

*VDOİHİ ve telifli eserleri ile bitirilen veya sonu başlatılanlar;*

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

*Sanırım bilgi ve teknolojiye kaderimiz veriyle ilişkilendirilmiş.*



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GÜLDÜNYA

## Simge ve Kısaltmalar

$n$ : olay sayısı

$n$ : bağımlı olay sayısı

$m$ : bağımsız olay sayısı

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

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

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

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

$l$ : bağımsız durum sayısı

$I$ : simetrinin bağımsız durum sayısı

$ll$ : simetrinin bağımlı durumlarından önce bulunan bağımsız durum sayısı

$I$ : simetrinin bağımlı durumlarından sonra bulunan bağımsız durum sayısı

$lk$ : simetrinin bağımlı durumları arasındaki bağımsız durumların sayısı

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

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

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

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

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

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

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

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

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

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

$D$ : bağımlı durum sayısı

$D_i$ : olayın durum sayısı

$s$ : simetrisinin bağımlı durum sayısı

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

$n_s$ : simetrisinin bağımlı olay sayısı

$m_l$ : simetrisinin bağımsız olay sayısı

$d$ : seçim içeriği durum sayısı

$m$ : olasılık

$M$ : olasılık dağılım sayısı

$U$ : uyum eşitliği

$u$ : uyum derecesi

$s_i$ : olasılık dağılımı

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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





farklı dizilimli bağımsız-bağımsız durumda bağımlı ilk düzgün simetrik olasılık

${}^0S_D^{ISO}$  : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bir bağımsız durumda bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bir bağımsız durumda bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumda bağımlı ilk düzgün olmayan simetrik olasılık veya bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız-bağımsız durumda bağımlı ilk düzgün olmayan simetrik olasılık

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

$S_{2,j_i}$ : iki durumda 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 durumda 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 durumda 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

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

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

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

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

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

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

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

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

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

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

göre bağımlı olasılıklı farklı dizilimli simetrik bitişik olasılık

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

durumlu ilk düzgün olmayan simetrik bulunmama olasılığı

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

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

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

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

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

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

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

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

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





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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

dizilimli bağımsız-bağımsız durumlu toplam simetrik olasılık

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

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

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

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

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

${}^0S^{ISO,BS,B}$ : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

${}^0S_0^{BS,B}$ : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte simetrik bulunmama olasılığı

${}^0S_0^{IS,BS,B}$ : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk simetrik bulunmama olasılığı

${}^0S_0^{ISS,BS,B}$ : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün simetrik bulunmama olasılığı

${}^0S_0^{ISO,BS,B}$ : bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımsız birlikte ilk düzgün olmayan simetrik bulunmama olasılığı

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

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

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

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



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

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

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

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

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

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

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

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

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

## DURUM SAYISI OLAY SAYISINDAN KÜÇÜK DAĞILIMLAR

# E

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

#### E1 Farklı Dizilimli

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

#### E2 Farklı Dizilimsiz

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

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

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

# E1

## Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Dağılımlar

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

## BAĞIMLI ve BİR BAĞIMSIZ OLASILIKLI BÜYÜK FARKLI DİZİLİMLİ DAĞILIMLAR

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

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

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

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

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

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

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

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

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

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

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

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

Bağımsız olasılıklı durumla başlayıp sonraki ilk bağımlı durumunda simetrisinin ilk bağımlı durumu bulunan dağılımlardaki düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliği, aynı şartlı ilk 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, simetrisinin ilk bağımlı durumuyla başlayan dağılımlardaki düzgün olmayan simetrik olasılığın eşitliği, aynı şartlı ilk düzgün

olmayan simetrik olasılık eşitliğinden, aynı şartlı bağımsız durumlarla başlayan dağılımların ilk düzgün olmayan simetrik olasılık eşitliğinin farkından teorik yöntemle elde edilebileceği gibi aynı şartlı ilk düzgün olmayan simetrik olasılığın sabit değişkenli işlem uzunluklu eşitliğinde  $n_i$  üzerinden toplam alınmada  $n_i$  yerine toplam alınmadan  $n$  yazılmasıyla da teorik yöntemle elde edilebilecektir.

Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrinin ilk bağımlı durumuyla başlayan dağılımların düzgün olmayan simetrik olasılık eşitliklerinin tamamı aynı şartlı bağımlı ve bir bağımsız olasılıklı farklı dizilimli dağılımların ilk düzgün olmayan simetrik olasılık eşitliklerinden de elde edilebilir.

Bu ciltte bir bağımlı-bağımsız ve bağımlı-bağımsız durumlu simetrilerin, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrinin ilk bağımlı durumu bulunan ve simetrinin ilk bağımlı durumuyla başlayan dağılımlardaki, ilk düzgün olmayan simetrik ve ilk düzgün olmayan simetrik bulunmama olasılığının eşitlikleri verilecektir.

## BİR BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde  $\{1, 0, 0, 0\}$ , bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin bağımlı durumuyla başlayan ve bağımsız durumdan sonraki ilk bağımlı durumun simetrisinin bağımlı durumu olan dağılımlardaki düzgün olmayan simetrik olasılıklar; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün simetrik olasılığın farkına eşit olur. Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, simetrisinin bağımlı durumuyla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durum simetrisinin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısı için,

$${}_0S^{iso} = {}_0S^{is} - {}_0S^{iss}$$

ve eşitliğin sağındaki terimlerin, simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğindeki  $\{1, 0, 0, 0\}$  eşitleri yazıldığında,

$${}_0S^{iso} = \frac{(D+I-s)!}{(D+l-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s-l}^{n-l} \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-l-i)!} \right) - \frac{(D+I-s)!}{(D+l-n)!} \cdot \frac{1}{(n+I-l-s+1)!} \cdot \frac{(n-s+1)!}{(l-I)!}$$

$$I = I$$

veya bu eşitlikteki durum sayısı yerine  $n-l = n$  yazıldığında,

$${}_0S^{iso} = \frac{(D+I-s)!}{(D-n)!} \cdot \frac{n!}{(n-n-I)!} \cdot \left( \sum_{i=s-l}^n \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-i)!} \right) - \frac{(D+I-s)!}{(D-n)!} \cdot \frac{1}{(n+I-s+1)!} \cdot \frac{(n-s+1)!}{(n-n-I)!}$$

veya

$${}_0S^{iso} = \frac{(D-s)!}{(D+l-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s}^{n-l} \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-l-i)!} \right) - \frac{(D-s)!}{(D+l-n)!} \cdot \frac{1}{(n-l-s+1)!} \cdot \frac{(n-s-l+1)!}{(l-I)!}$$

ve  $s = 1$  olduğundan,

$${}^0\mathcal{S}^{iso} = \frac{(D-1)!}{(D+l-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=1}^{n-l} \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-l-i)!} \right) -$$

$$\frac{(D-1)!}{(D+l-n)!} \cdot \frac{1}{(n-l)!} \cdot \frac{(n-I)!}{(l-I)!}$$

veya bu eşitlikteki durum sayısı yerine  $n-l = \mathbf{n}$  yazıldığında,

$${}^0\mathcal{S}^{iso} = \frac{(D-1)!}{(D-\mathbf{n})!} \cdot \frac{n!}{(n-\mathbf{n}-I)!} \cdot \left( \sum_{i=1}^{\mathbf{n}} \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-i)!} \right) -$$

$$\frac{(D-1)!}{(D-\mathbf{n})!} \cdot \frac{1}{\mathbf{n}!} \cdot \frac{(n-I)!}{(n-\mathbf{n}-I)!}$$

veya

$${}^0\mathcal{S}^{iso} = \frac{(D-1)!}{(D-\mathbf{n})!} \cdot \sum_{(n_i=\mathbf{n}+I)}^{\mathbf{n}} \frac{(n_i-1)!}{(n_i-\mathbf{n})! \cdot (\mathbf{n}-1)!} -$$

$$\frac{(D-1)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{\mathbf{n}} \sum_{(j_i=1)}^{\mathbf{n}} \sum_{(n_i=\mathbf{n}+I)}^{\mathbf{n}} \sum_{n_s=n_i-j_i+1}^{\mathbf{n}} \frac{(n_i-I-1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}-1)!}$$

$${}^0\mathcal{S}^{iso} = \frac{(D-1)!}{(D-\mathbf{n})!} \cdot \sum_{(n_i=\mathbf{n}+I)}^{\mathbf{n}} \left( \frac{(n_i-1)!}{(n_i-\mathbf{n})! \cdot (\mathbf{n}-1)!} - \frac{(n_i-I-1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}-1)!} \right)$$

veya

$${}^0\mathcal{S}^{iso} = \frac{(D-1)!}{(D-\mathbf{n})!} \cdot \left( \sum_{n_i=\mathbf{n}+I}^{\mathbf{n}} \frac{(n_i-I-1)!}{(n_i-\mathbf{n}-I)! \cdot (\mathbf{n}-1)!} \right) +$$



$$\begin{aligned}
& \sum_{n_i=n+I}^n \sum_{i=I+1}^{n+I-j} \\
& \frac{(n_i - i - 1)!}{(n + I - i - 1)! \cdot (n_i - n - I)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \Bigg) - \\
& \frac{(D - 1)!}{(D - n)!} \cdot \sum_{j_s=1}^n \sum_{(j_i=1)} \sum_{(n_i=n+I)}^n \sum_{n_s=n_i-j_i+1} \\
& \frac{(n_i - I - 1)!}{(n_i - n - I)! \cdot (n - 1)!} \\
{}_0S^{iso} &= \frac{(D - 1)!}{(D - n)!} \cdot \sum_{n_i=n+I}^n \sum_{i=I+1}^{n+I-j} \\
& \frac{(n_i - i - 1)!}{(n + I - i - 1)! \cdot (n_i - n - I)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!}
\end{aligned}$$

eşitlikleri elde edilir. Bu eşitliklere bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bir bağımlı durumla başlayıp bağımsız durumlarla bittiğinde; simetrimin bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrimin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına **bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık  ${}_0S^{iso}$  ile gösterilecektir.

$$D \geq n < n \wedge s = 1 \wedge I = I \wedge s = I + 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D + I - s)!}{(D + I - n)!} \cdot \frac{n!}{(I - I)!} \cdot \left( \sum_{i=s-I}^{n-I} \mp \frac{(i + I - I)!}{i! \cdot (i + I)! \cdot (n - I - i)!} \right) - \\
& \frac{(D + I - s)!}{(D + I - n)!} \cdot \frac{1}{(n + I - I - s + 1)!} \cdot \frac{(n - s + 1)!}{(I - I)!}
\end{aligned}$$

$$D \geq n < n \wedge s = 1 \wedge I = I \wedge s = I + 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D + I - s)!}{(D - n)!} \cdot \frac{n!}{(n - n - I)!} \cdot \left( \sum_{i=s-I}^n \mp \frac{(i + I - I)!}{i! \cdot (i + I)! \cdot (n - I)!} \right) -$$

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

$$D \geq n < n \wedge s = 1 \wedge I = I \wedge s = I + 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D-1)!}{(D+I-n)!} \cdot \frac{n!}{(I-1)!} \cdot \left( \sum_{i=1}^{n-I} \mp \frac{(i+I-I)!}{i! \cdot (i+I)! \cdot (n-I-i)!} \right) - \frac{(D-1)!}{(D+I-n)!} \cdot \frac{1}{(n-I)!} \cdot \frac{(n-I)!}{(I-1)!}$$

$$D \geq n < n \wedge s = 1 \wedge I = I \wedge s = I + 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D-1)!}{(D-n)!} \cdot \frac{n!}{(n-n-I)!} \cdot \left( \sum_{i=1}^n \mp \frac{(i+I-I)!}{i! \cdot (i+I)! \cdot (n-i)!} \right) - \frac{(D-1)!}{(D-n)!} \cdot \frac{1}{n!} \cdot \frac{(n-I)!}{(n-n-I)!}$$

$$D \geq n < n \wedge s = 1 \wedge I = I \wedge s = I + 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D-1)!}{(D-n)!} \cdot \sum_{(n_i=n+I)}^n \left( \frac{(n_i-1)!}{(n_i-n)! \cdot (n-1)!} - \frac{(n_i-I-1)!}{(n_i-n-I)! \cdot (n-1)!} \right)$$

$$D \geq n < n \wedge s = 1 \wedge I = I \wedge s = I + 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D-1)!}{(D-n)!} \cdot \sum_{n_i=n+I}^n \sum_{i=I+1}^{n+I-j} \frac{(n_i-i-1)!}{(n+I-i-1)! \cdot (n_i-n-I)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!}$$

## BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİ

Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde  $\{1, 2, 0, 0, 3, 0, 0, 0\}$  veya  $\{1, 2, 3, 0, 0, 0\}$ , bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin ilk bağımlı durumuyla başlayan ve bağımsız durumdan sonraki ilk bağımlı durumun simetrisinin ilk bağımlı durumu olan dağılımlardaki düzgün olmayan simetrik olasılıklar; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumu ilk simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumu ilk düzgün simetrik olasılığın farkına eşit olur. Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, simetrisinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durum simetrisinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısı için,

$${}_0S^{iso} = {}_0S^{is} - {}_0S^{iss}$$

ve eşitliğin sağındaki terimlerin, simetri bağımlı durumla başlayıp, bağımlı durumları arasında bağımsız durum bulunmadan, bağımsız durumlarla bittiğindeki  $\{1, 2, 3, 0, 0, 0\}$  eşitleri yazıldığında,

$${}_0S^{iso} = \frac{(D+I-s)!}{(D-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s-I}^n \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-i)!} \right) - \frac{(D+I-s)!}{(D-n)!} \cdot \frac{1}{(n+I-s+1)!} \cdot \frac{(n-s+1)!}{(l-I)!}$$

veya bu eşitlikteki durum sayısı yerine  $n = n - l$  yazıldığında,

$${}_0S^{iso} = \frac{(D+I-s)!}{(D+l-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s-I}^{n-l} \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-l-i)!} \right) - \frac{(D+I-s)!}{(D+l-n)!} \cdot \frac{1}{(n+I-l-s+1)!} \cdot \frac{(n-s+1)!}{(l-I)!}$$

veya

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s}^n \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-i)!} \right) - \frac{(D-s)!}{(D-n)!} \cdot \frac{1}{(n-s+1)!} \cdot \frac{(n-s-l+1)!}{(l-I)!}$$

veya

$${}^0S^{iso} = \frac{(D-s)!}{(D+l-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s}^{n-l} \mp \frac{(i+l-I)!}{i! \cdot (i+i)! \cdot (n-l-i)!} \right) -$$

$$\frac{(D-s)!}{(D+l-n)!} \cdot \frac{1}{(n-l-s+1)!} \cdot \frac{(n-s-I+1)!}{(l-I)!}$$

ayrıca simetrisinin bağımlı durumları arasında bağımsız durum bulunmadan bağımsız durumlarla bittiğinde  $\{1, 2, 3, 0, 0, 0\}$  ise,

$${}^0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j=s}^n \sum_{(n_i=n+l)}^n \sum_{n_s=n+l-j+1}^{n_i-j+1} \sum_{(i=I+1)}^{n+I-j}$$

$$\frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot \frac{(n_i-n_s-1)!}{(j-2)! \cdot (n_i-n_s-j+1)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j-n-I-1)! \cdot (n-j)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j-n-I-1)! \cdot (n+I-j-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^n \sum_{(j_i=s)}^n \sum_{(n_i=n+l)}^n \sum_{n_s=n_i-j_i+1}^n$$

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

$${}^0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j=s}^n \sum_{(n_i=n+l)}^n \sum_{n_s=n_i-j+1}^{n+I-j} \sum_{(i=I+1)}^{n+I-j} \right.$$

$$\left. \left( \frac{(n_s-I-1)!}{(n_s+j-n-I-1)! \cdot (n-j)!} + \right. \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j-n-I-1)! \cdot (n+I-j-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j=s}^n \sum_{(n_i=n+l)}^n \sum_{n_s=n+l-j+1}^{n_i-j} \sum_{(i=I+1)}^{n+I-j}$$

$$\frac{(n_i-n_s-1)!}{(j-2)! \cdot (n_i-n_s-j+1)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j-n-I-1)! \cdot (n-j)!} + \right.$$

$$\left. \frac{(n_s-i-1)!}{(n_s+j-n-I-1)! \cdot (n+I-j-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j=s+1}^n \sum_{(n_i=n+I)}^n \sum_{n_s=n+I-j+1}^{n_i-j+1} \sum_{(i=I+1)}^{n+I-j}$$

$$\frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot \frac{(n_i - n_s - 1)!}{(j-2)! \cdot (n_i - n_s - j + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j - n - I - 1)! \cdot (n-j)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^n \sum_{(j_i=s)} \sum_{(n_i=n+I)}^n \sum_{n_s=n_i-j_i+1}$$

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

ve  $\frac{(n_i-s-I)!}{(n_i-n-I)! \cdot (n-s)!}$  yerine  $j_i = j = s$  olmak koşuluyla  $\frac{(n_s-I-1)!}{(n_s+j-n-I-1)! \cdot (n-j)!}$  yazılabileceğinden,

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j=s}^n \sum_{(n_i=n+I)}^n \sum_{n_s=n_i-j+1}^{n+I-j} \sum_{(i=I+1)}^{n+I-j} \right.$$

$$\left. \frac{(n_s - I - 1)!}{(n_s + j - n - I - 1)! \cdot (n-j)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j=s}^n \sum_{(n_i=n+I)}^n \sum_{n_s=n+I-j+1}^{n_i-j} \sum_{(i=I+1)}^{n+I-j}$$

$$\frac{(n_i - n_s - 1)!}{(j-2)! \cdot (n_i - n_s - j + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j - n - I - 1)! \cdot (n-j)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +$$

$$\sum_{j=s+1}^n \sum_{(n_i=n+I)}^n \sum_{n_s=n+I-j+1}^{n_i-j+1} \sum_{(i=I+1)}^{n+I-j}$$

$$\frac{(j-2)!}{(j-s)! \cdot (s-2)!} \cdot \frac{(n_i - n_s - 1)!}{(j-2)! \cdot (n_i - n_s - j + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j - n - I - 1)! \cdot (n-j)!} + \right.$$

$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_i=s)} \sum_{(n_i=n+I)}^n \sum_{n_s=n_i-j_i+1} \\
& \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \\
{}_0S^{iso} = & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j=s} \sum_{(n_i=n+I)}^n \sum_{n_s=n_i-j+1} \sum_{(i=I+1)}^{n+I-j} \right. \\
& \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} + \\
& \sum_{j=s} \sum_{(n_i=n+I)}^n \sum_{n_s=n+I-j+1}^{n_i-j} \sum_{(i=I+1)}^{n+I-j} \\
& \frac{(n_i - n_s - 1)!}{(j - 2)! \cdot (n_i - n_s - j + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j - n - I - 1)! \cdot (n - j)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j=s+1}^n \sum_{(n_i=n+I)}^n \sum_{n_s=n+I-j+1}^{n_i-j+1} \sum_{(i=I+1)}^{n+I-j} \\
& \frac{(j - 2)!}{(j - s)! \cdot (s - 2)!} \cdot \frac{(n_i - n_s - 1)!}{(j - 2)! \cdot (n_i - n_s - j + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j - n - I - 1)! \cdot (n - j)!} + \right. \\
& \left. \left. \frac{(n_s - i - 1)!}{(n_s + j - n - I - 1)! \cdot (n + I - j - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) \right)
\end{aligned}$$

veya simetri bağımlı durumla başlayıp bağımlı durumları arasında bağımsız durum bulunup bağımlı durumdan sonra bağımsız durumlarla bittiğinde  $\{1, 2, 0, 0, 3, 0, 0, 0\}$  ise,

$${}_0S^{iso} = \prod_{z=3}^s \sum_{((j_i)_1=2)}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1) \vee n} \\
\sum_{n_i=n+k+I}^n \sum_{(n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^k k_i - (j_i)_1 \vee z=s \Rightarrow n+\sum_{i=2}^{s-1} k_i + I - (j_i)_1 + 1}^{(n_i - (j_i)_1 - \sum_{i=1}^k k_i + 1)}$$

$$\begin{aligned}
& \frac{(n_{ik})_{z-2} + (j_{ik})_{z-2} - (j_{ik})_{z-1} - \sum_{i=z-2}^{\mathbb{k}_i}}{\sum_{(n_{ik})_{z-1} = (n_s)_{z-1} + (j_i)_{z-1} + \sum_{i=z-1}^{\mathbb{k}_i} - (j_{ik})_{z-1} \vee z = s \Rightarrow \mathbf{n} + \sum_{i=z-1}^{s-1} \mathbb{k}_i + I - (j_{ik})_{z-1} + 1}} \\
& \frac{(n_{ik})_{z-1} + (j_{ik})_{z-1} - (j_i)_{z-1} - \sum_{i=z-1}^{\mathbb{k}_i}}{\sum_{(n_s)_{z-1} = (n_s)_z + (j_i)_z + \sum_{i=z}^{\mathbb{k}_i} - (j_i)_{z-1} \vee z = s \Rightarrow \mathbf{n} + \sum_{i=z}^{s-1} \mathbb{k}_i + I - (j_i)_{z-1} + 1}} \\
& \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{s\bar{a}}^{\mathbb{k}})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{s\bar{a}}^{\mathbb{k}})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!} \\
& \frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \cdot \\
& \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \cdot \\
& \frac{((n_s)_{z=s} - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \mathbf{n} - 1)! \cdot (\mathbf{n} - (j_i)_{z=s})!} \cdot \\
& \prod_{z=3}^s \sum_{(j_i)_1=2}^{(\cdot)} \sum_{(j_{ik})_{z-1}=z-1} \sum_{(j_i)_{z-1}=z \vee z=s \Rightarrow s}^{(\cdot)} \\
& \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^{\mathbf{n}} \sum_{(n_{ik})_1=n_i-(j_i)_1-\sum_{i=1}^{\mathbb{k}_i}+1}^{(\cdot)} \\
& \sum_{(n_{ik})_{z-1}=(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}^{\mathbb{k}_i}} \\
& \sum_{(n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^{\mathbb{k}_i}}^{(\cdot)} \\
& \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{s\bar{a}}^{\mathbb{k}})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{s\bar{a}}^{\mathbb{k}})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!} \\
& \frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \cdot \\
& \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \cdot
\end{aligned}$$

$$\begin{aligned}
& \frac{((n_s)_{z=s} - I - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - (j_i)_{z=s})!} \\
{}_0\mathcal{S}^{iso} &= \prod_{z=3}^s \sum_{(j_i)_{z=2}}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1) \vee \mathbf{n}} \\
& \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{\mathbb{k}_i} \mathbb{k}_i - (j_i)_1 \vee z=s \Rightarrow \mathbf{n} + \sum_{i=2}^{s-1} \mathbb{k}_i + I - (j_i)_1 + 1}^{(n_i - (j_i)_1 - \sum_{i=1}^{\mathbb{k}_i} \mathbb{k}_i + 1)} \\
& \sum_{(n_{ik})_{z-2}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^{\mathbb{k}_i} \mathbb{k}_i - (j_{ik})_{z-1} \vee z=s \Rightarrow \mathbf{n} + \sum_{i=z-1}^{s-1} \mathbb{k}_i + I - (j_{ik})_{z-1} + 1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}^{\mathbb{k}_i} \mathbb{k}_i} \\
& \sum_{(n_{ik})_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^{\mathbb{k}_i} \mathbb{k}_i - (j_i)_{z-1} \vee z=s \Rightarrow \mathbf{n} + \sum_{i=z}^{s-1} \mathbb{k}_i + I - (j_i)_{z-1} + 1}^{(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^{\mathbb{k}_i} \mathbb{k}_i - 1)} \\
& \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!} \\
& \frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \\
& \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \\
& \frac{((n_s)_{z=s} - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \mathbf{n} - 1)! \cdot (\mathbf{n} - (j_i)_{z=s})!}
\end{aligned}$$

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$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \prod_{z=3}^s \sum_{(j_i)_{z=2}}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1) \vee \mathbf{n}} \\
& \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{\mathbb{k}_i} \mathbb{k}_i - (j_i)_1 \vee z=s \Rightarrow \mathbf{n} + \sum_{i=2}^{s-1} \mathbb{k}_i + I - (j_i)_1 + 1}^{(n_i - (j_i)_1 - \sum_{i=1}^{\mathbb{k}_i} \mathbb{k}_i + 1)} \\
& \sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^{\mathbb{k}_i} \mathbb{k}_i - (j_{ik})_{z-1} \vee z=s \Rightarrow \mathbf{n} + \sum_{i=z-1}^{s-1} \mathbb{k}_i + I - (j_{ik})_{z-1} + 1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}^{\mathbb{k}_i} \mathbb{k}_i}
\end{aligned}$$



$$\begin{aligned}
& \sum_{(n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^{\mathbb{k}_i} \mathbb{k}_i} \sum_{i=I+1}^{n+I-(j_i)_{z=s}} \\
& \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!} \\
& \frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot \\
& \frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot \\
& \frac{(n_s)_{z=s}-i-1}{((n_s)_{z=s}+(j_i)_{z=s}-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-(j_i)_{z=s}-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} + \\
& \prod_{z=3}^s \sum_{(j_i)_1=2}^{(j_{ik})_3-1} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{(j_i)_{z-1}=z \vee z=s \Rightarrow s}^{((j_{ik})_{z+1}-1) \vee n} \\
& \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{\mathbb{k}_i} \mathbb{k}_i-(j_i)_{1 \vee z=s \Rightarrow \mathbf{n}+\sum_{i=2}^{s-1} \mathbb{k}_i+I-(j_i)_1+1}}^{(n_i-(j_i)_1-\sum_{i=1}^{\mathbb{k}_i} \mathbb{k}_i+1)} \\
& \sum_{(n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}^{\mathbb{k}_i} \mathbb{k}_i} \\
& \sum_{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^{\mathbb{k}_i} \mathbb{k}_i-(j_{ik})_{z-1} \vee z=s \Rightarrow \mathbf{n}+\sum_{i=z-1}^{s-1} \mathbb{k}_i+I-(j_{ik})_{z-1}+1} \\
& \sum_{(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^{\mathbb{k}_i} \mathbb{k}_i-1} \\
& \sum_{(n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^{\mathbb{k}_i} \mathbb{k}_i-(j_i)_{z-1} \vee z=s \Rightarrow \mathbf{n}+\sum_{i=z}^{s-1} \mathbb{k}_i+I-(j_i)_{z-1}+1} \sum_{i=I+1}^{n+I-(j_i)_{z=s}} \\
& \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!} \\
& \frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot \\
& \frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \cdot \\
& \left( \frac{(n_s)_{z=s}-I-1}{((n_s)_{z=s}+(j_i)_{z=s}-\mathbf{n}-I-1)! \cdot (\mathbf{n}-(j_i)_{z=s})!} \right) +
\end{aligned}$$

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

eşitlikleri elde edilir. Bu eşitliklere bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde; simetrinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunduğu dağılımların sayısına **bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılık  ${}^0S^{iso}$  ile gösterilecektir.

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

$$I = k + I \wedge k > 0 \wedge s = s + k + I \Rightarrow$$

$${}^0S^{iso} = \frac{(D + I - s)!}{(D - n)!} \cdot \frac{n!}{(I - I)!} \cdot \left( \sum_{i=s-I}^n \mp \frac{(i + I - I)!}{i! \cdot (i + I)! \cdot (n - i)!} \right) -$$

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

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

$$I = k + I \wedge k > 0 \wedge s = s + k + I \Rightarrow$$

$${}^0S^{iso} = \frac{(D + I - s)!}{(D + I - n)!} \cdot \frac{n!}{(I - I)!} \cdot \left( \sum_{i=s-I}^{n-I} \mp \frac{(i + I - I)!}{i! \cdot (i + I)! \cdot (n - I - i)!} \right) -$$

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

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

$$I = k + I \wedge k > 0 \wedge s = s + k + I \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \frac{n!}{(I - I)!} \cdot \left( \sum_{i=s}^n \mp \frac{(i + I - I)!}{i! \cdot (i + I)! \cdot (n - i)!} \right) -$$

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

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

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

$${}_0\mathcal{S}^{iso} = \frac{(D-s)!}{(D+l-n)!} \cdot \frac{n!}{(l-I)!} \cdot \left( \sum_{i=s}^{n-l} \mp \frac{(i+l-I)!}{i! \cdot (i+l)! \cdot (n-l-i)!} \right) -$$

$$\frac{(D-s)!}{(D+l-n)!} \cdot \frac{1}{(n-l-s+1)!} \cdot \frac{(n-s-I+1)!}{(l-I)!}$$

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

$${}_0\mathcal{S}^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_i=s}^{(n)} \sum_{(n_i=\mathbf{n}+l)}^{(n)} \sum_{n_s=n_i-j_i+1}^{(n)} \frac{(n_i-n_s-1)!}{(j_i-2)! \cdot (n_i-n_s-j_i+1)!} \cdot \left( \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} - \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} \right) + \sum_{j_i=s}^{(n)} \sum_{(n_i=\mathbf{n}+l)}^{(n)} \sum_{n_s=\mathbf{n}+l-j_i+1}^{n_i-j_i} \frac{(n_i-n_s-1)!}{(j_i-2)! \cdot (n_i-n_s-j_i+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \sum_{j_i=s+1}^n \sum_{(n_i=\mathbf{n}+l)}^{(n)} \sum_{n_s=\mathbf{n}+l-j_i+1}^{n_i-j_i+1} \frac{(j_i-2)!}{(j_i-s)! \cdot (s-2)!} \cdot \frac{(n_i-n_s-1)!}{(j_i-2)! \cdot (n_i-n_s-j_i+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right)$$

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

$${}_0\mathcal{S}^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_i=s}^n \sum_{(n_i=\mathbf{n}+l)}^n \sum_{n_s=n_i-j_i+1}^{n+l-j_i} \sum_{(i=I+1)}^{n+l-j_i} \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} + \sum_{j_i=s}^n \sum_{(n_i=\mathbf{n}+l)}^n \sum_{n_s=\mathbf{n}+l-j_i+1}^{n_i-j_i} \sum_{(i=I+1)}^{n+l-j_i} \right)$$

$$\frac{(n_i - n_s - 1)!}{(j_i - 2)! \cdot (n_i - n_s - j_i + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \sum_{j_i=s+1}^n \sum_{(n_i=n+I)}^n \sum_{n_s=n+I-j_i+1}^{n_i-j_i+1} \sum_{(i=I+1)}^{n+I-j_i} \frac{(j_i - 2)!}{(j_i - s)! \cdot (s - 2)!} \cdot \frac{(n_i - n_s - 1)!}{(j_i - 2)! \cdot (n_i - n_s - j_i + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right)$$

$$D \geq n < n \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge s = s + \mathbb{k} + I \wedge s = 2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - 2)!}{(D - n)!} \cdot \left( \sum_{j_i=2}^{(n)} \sum_{(n_i=n+I)}^{(n)} \sum_{n_s=n_i-j_i-\mathbb{k}+1}^{(n)} \left( \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \sum_{j_i=2}^{(n)} \sum_{(n_i=n+I)}^{(n)} \sum_{n_s=n+I-j_i+1}^{n_i-j_i-\mathbb{k}} \frac{(n_i - n_s - 1)!}{(j_i - 2)! \cdot (n_i - n_s - j_i + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \sum_{j_i=3}^n \sum_{(n_i=n+I)}^{(n)} \sum_{n_s=n+I-j_i+1}^{n_i-j_i-\mathbb{k}+1} \frac{(n_i - n_s - 1)!}{(j_i - 2)! \cdot (n_i - n_s - j_i + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge s = s + \mathbb{k} + I \wedge s = 2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - 2)!}{(D - n)!} \cdot \left( \sum_{j_i=2}^{(n)} \sum_{(n_i=n+I)}^{(n)} \sum_{n_s=n_i-j_i-\mathbb{k}+1}^{(n)} \sum_{(i=I+1)}^{(n+I-j_i)} \right)$$

$$\begin{aligned}
& \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \\
& \sum_{j_i=2}^n \sum_{(n_i=\mathbf{n}+I)}^{(n)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_i-j_i-\mathbf{l}k} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(n_i - n_s - 1)!}{(j_i - 2)! \cdot (n_i - n_s - j_i + 1)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \right. \\
& \left. \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_i=3}^n \sum_{(n_i=\mathbf{n}+I)}^{(n)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_i-j_i-\mathbf{l}k+1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(n_i - n_s - 1)!}{(j_i - 2)! \cdot (n_i - n_s - j_i + 1)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \right. \\
& \left. \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right)
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge I = \mathbf{l}k + I \wedge s > 1 \wedge I > 1 \wedge \mathbf{l}k > 0 \wedge \mathbf{s} = s + \mathbf{l}k + I \wedge \mathbf{l}k_z : z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{ISO} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j^{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\mathbf{n}+\mathbf{l}k+I)}^{(n)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbf{l}k+1} \\
& \frac{(j^{sa} + j_{sa}^{ik} - j_{sa} - 2)!}{(j^{sa} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{sa} - \mathbf{l}k - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbf{l}k + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j^{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbf{l}k+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbf{l}k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{l}k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!}
\end{aligned}$$

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

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

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

$${}^0\mathcal{S}^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \frac{(j^{sa} + j_{sa}^{ik} - j_{sa} - 2)!}{(j^{sa} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \frac{(D - s)!}{(D - n)!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=n+\mathbb{k}+I}^n \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!}$$

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

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

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

$$\begin{aligned} {}^0\mathcal{S}^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(j^{sa} + j_{sa}^{ik} - j_{sa} - 2)!}{(j^{sa} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\quad \frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\ &\quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \\ &\quad \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \\ &\quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j^{sa}=j_{sa})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(n_{sa} + j^{sa} - s - I - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - s)!} \end{aligned}$$

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

$$\mathbb{k}_z: z = 1 \wedge j_{sa} = s \Rightarrow$$

$$\begin{aligned} {}^0\mathcal{S}^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=s}^n \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-s)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_s=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \sum_{(i=I+1)}^{(n+I-j^{sa})} \\ &\quad \frac{(j^{sa} + j_{sa}^{ik} - s - 2)!}{(j^{sa} - s)! \cdot (j_{sa}^{ik} - 2)!} \end{aligned}$$

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

$$D \geq \mathbf{n} < \mathbf{n} \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z; z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{ISO} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\mathbf{n}+j^{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\
& \quad \frac{(j^{sa} + j_{sa}^{ik} - j_{sa} - 2)!}{(j^{sa} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\mathbf{n}+j^{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^{\mathbf{n}} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!}
\end{aligned}$$



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

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

$$D \geq \mathbf{n} < n \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z; z = 1 \Rightarrow$$

$${}^0_{\mathcal{S}}\text{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1} \frac{(j^{sa} + j_{sa}^{ik} - j_{sa} - 2)!}{(j^{sa} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!}$$

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

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

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

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(j^{sa} + j_{sa}^{ik} - j_{sa} - 2)!}{(j^{sa} - j_{sa})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\quad \frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=n+\mathbb{k}+I}^n \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \\ &\quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(n_{sa} + j^{sa} - s - I - 1)!}{(n_{sa} + j^{sa} - n - I - 1)! \cdot (n - s)!} \end{aligned}$$

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

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

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(j^{sa} - 3)!}{(j^{sa} - j_{sa})! \cdot (j_{sa} - 3)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \end{aligned}$$

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

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

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

$$\begin{aligned}
& {}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\
& \frac{(j^{sa} - 3)!}{(j^{sa} - j_{sa})! \cdot (j_{sa} - 3)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_{sa} - j^{sa} - \mathbb{k} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{(j_{ik}=j_{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa} + 1)! \cdot (j_{sa} - 3)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!}
\end{aligned}$$

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

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j^{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j^{sa}-s} \sum_{(j_{ik}=j^{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=n+\mathbb{k}+I}^n \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1} \frac{(n_{sa}+j^{sa}-s-I-1)!}{(n_{sa}+j^{sa}-n-I-1)! \cdot (n-s)!} \end{aligned}$$

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

$$\mathbb{k}_z: z = 1 \wedge j_{sa} = s \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=s}^n \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-s)} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_s=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \sum_{(i=I+1)}^{(n+I-j^{sa})}$$

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

$$D \geq \mathbf{n} < n \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_Z; z = 1$$

$$\wedge j_{sa} = s \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=s}^{\mathbf{n}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_s=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \sum_{(i=I+1)}^{(n+I-j^{sa})} \\
& \frac{(j^{sa} - 3)!}{(j^{sa} - s)! \cdot (s - 3)!} \\
& \frac{(n_i - n_s - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_s - j^{sa} - \mathbb{k} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j^{sa} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j^{sa})!} + \right.
\end{aligned}$$

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

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

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

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

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

$$\frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!}$$

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

$${}_0\mathcal{S}^{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

$$\frac{(j^{sa} - 3)!}{(j^{sa} - j_{sa})! \cdot (j_{sa} - 3)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!}$$

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

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

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

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

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

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

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

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

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

$$\begin{aligned} {}_0\mathcal{S}^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{n_i=n+\mathbb{k}+I}^n \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1}^{(n)} \\ &\quad \frac{(n_{sa}+j^{sa}-s-I-1)!}{(n_{sa}+j^{sa}-n-I-1)! \cdot (n-s)!} \end{aligned}$$

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

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

$$\begin{aligned} {}_0\mathcal{S}^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\quad \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \end{aligned}$$



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

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

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

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

$$\frac{(n_i-s-\mathbb{k}-I)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (n-s)!}$$

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

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

$${}^0\mathcal{S}^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1}$$

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

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

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

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

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

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \\ &\frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-2)! \cdot (n_i-n_{sa}-j^{sa}-\mathbb{k}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j_{sa}-s} \sum_{\binom{j^{sa}-2}{j_{ik}=j_{sa}-1}} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=n+\mathbb{k}+I-j_{ik}+1}} \sum_{\binom{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}{n_{sa}=n+I-j^{sa}+1}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{n_{sa}=n_i-j^{sa}-\mathbb{k}+1} \frac{(n_{sa}+j^{sa}-s-I-1)!}{(n_{sa}+j^{sa}-n-I-1)! \cdot (n-s)!} \end{aligned}$$

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

$$\mathbb{k}_z: z = 1 \wedge j_{sa} = s \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j^{sa}=s}^n \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{n_s=n+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \sum_{\binom{n+I-j^{sa}}{i=I+1}}$$

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

$$D \geq \mathbf{n} < n \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z; z = 1 \wedge$$

$$j_{sa} = s \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=s}^{\mathbf{n}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{n_s=\mathbf{n}+I-j^{sa}+1}^{n_i-j^{sa}-\mathbb{k}+1} \sum_{(i=I+1)}^{(n+I-j^{sa})} \\
& \frac{(j^{sa} - 3)!}{(j^{sa} - s)! \cdot (s - 3)!} \cdot
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_s - \mathbb{k} - 1)!}{(j^{sa} - 2)! \cdot (n_i - n_s - j^{sa} - \mathbb{k} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j^{sa} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j^{sa})!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j^{sa} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j^{sa} - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +
\end{aligned}$$

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

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

$${}_0S^{ISO} = \frac{(D-s)!}{(D-n)!}$$

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

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

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

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

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

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

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!}$$

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

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

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

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

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

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

$$0_{s^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot$$

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!}.$$

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

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

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!}.$$

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

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=n+\mathbb{k}+I}^n \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j^{sa} - 3)!}{(j^{sa} - j_{sa})! \cdot (j_{sa} - 3)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$



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

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

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

$$\begin{aligned}
{}_0 S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j^{sa}-s} \sum_{(j_{ik}=j^{sa}-1)}^n \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+\mathbb{k}}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j^{sa} - 3)!}{(j^{sa} - j_{sa})! \cdot (j_{sa} - 3)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{n+j^{sa}-s} \sum_{(j_{ik}=j^{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa} + 1)! \cdot (j_{sa} - 3)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot
\end{aligned}$$

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

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

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

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

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

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j^{sa}=j_{sa}}^{n+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=n+\mathbb{k}+I}^n \sum_{\binom{(n_i-j_{ik}+1)}{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1}$$

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

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

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

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

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

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

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

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\mathbf{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\ &\quad \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}+1}^{\mathbf{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)}^{(j^{sa}-2)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}+1)! \cdot (j_{sa}-3)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} - \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(n_{ik}+j_{ik}-s-\mathbb{k}-I-1)!}{(n_{ik}+j_{ik}-\mathbf{n}-\mathbb{k}-I-1)! \cdot (\mathbf{n}-s)!} \end{aligned}$$

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j^{sa}=j_{sa}}^{\mathbf{n}+j_{sa}-s} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^n \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\ &\quad \frac{(j^{sa}-3)!}{(j^{sa}-j_{sa})! \cdot (j_{sa}-3)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \end{aligned}$$

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

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

$$\mathbb{k}_z: z = 1 \wedge j_{sa} = s \Rightarrow$$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!}.$$

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

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

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

$$\left( \frac{(n_s - I - 1)!}{(n_s + j^{sa} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) +$$

$$\left( \frac{(n_s - i - 1)!}{(n_s + j^{sa} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j^{sa} - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

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

$$D \geq \mathbf{n} < n \wedge I = \mathbb{k} + I \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge$$

$$j_{sa} = s \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
& {}_0\mathcal{S}^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \\
& \sum_{j^{sa}=s}^{\mathbf{n}} \sum_{(j_{ik}=j^{sa}-1)} \sum_{n_i=\mathbf{n}+\mathbb{k}+I}^{\mathbf{n}} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j^{sa})} \\
& \frac{(j^{sa}-3)!}{(j^{sa}-s)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j^{sa}-\mathbb{k})!} \cdot \\
& \left( \frac{(n_s-I-1)!}{(n_s+j^{sa}-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j^{sa})!} + \right. \\
& \left. \frac{(n_s-i-1)!}{(n_s+j^{sa}-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j^{sa}-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) +
\end{aligned}$$

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

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

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

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

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

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\ &\quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \end{aligned}$$



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

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \\ &\quad \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{n + j_{sa} - s} \\ &\quad \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbb{k}} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\ &\quad \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \end{aligned}$$

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

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

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

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$$

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

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

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

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=n+\mathbb{k}+I-j_{ik}+1}} \sum_{n_{sa}=n+I-j^{sa}+\mathbb{k}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

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

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \\
& \sum_{(n_i = \mathbf{n} + \mathbf{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbf{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_{sa} = \mathbf{n} + I - j^{sa} + 1}^{n_{ik} + j_{ik} - j^{sa} - \mathbf{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbf{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbf{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +
\end{aligned}$$

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

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

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

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!}
\end{aligned}$$

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

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

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

$$\begin{aligned}
{}_0S^{ISO} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
\end{aligned}$$

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

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

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

$${}^0\mathcal{S}^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik}}$$



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

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+l+I)}^{(n)} \sum_{(n_{ik}=n+l+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-l} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
&\quad \frac{(n_{ik}-n_{sa}-l-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-l)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+l+I)}^{(n)} \sum_{(n_{ik}=n+l+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-l} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
&\quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
&\quad \sum_{(n_i=n+l+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l} \\
&\quad \frac{(n_i+j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}-s-l-1)!}{(n_i-n-l-1)! \cdot (n+j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa}-s)!}
\end{aligned}$$

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\left( \frac{(n_i-s-\mathbb{k}-I)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}-s)!} \right)_{j^{sa}} \end{aligned}$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \\
&\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\frac{(n_i-s-\mathbb{k}-I)!}{(n_i-n-\mathbb{k}-I)! \cdot (n-s)!}
\end{aligned}$$

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

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

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{\mathbb{k}}-s)} \sum_{(j_{ik}=j_{sa}^{\mathbb{k}})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{\mathbb{k}})! \cdot (j_{sa}^{\mathbb{k}}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{\mathbb{k}}-s)} \sum_{(j_{ik}=j_{sa}^{\mathbb{k}})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{\mathbb{k}})! \cdot (j_{sa}^{\mathbb{k}}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{\mathbb{k}}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_i+j_s+j_{sa}-j_{ik}-s-\mathbb{k}-I-j_{sa}^s-1)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+j_s+j_{sa}-j_{ik}-s-j_{sa}^s-1)!}
\end{aligned}$$

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

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

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{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_i+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-2 \cdot j^{sa}-s-\mathbb{k}-I-2 \cdot j_{sa}^s+1)!}{(n_i-n-\mathbb{k}-I)! \cdot (n+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-2 \cdot j^{sa}-s-2 \cdot j_{sa}^s+1)!}
\end{aligned}$$

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$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_i+j_{ik}+j_{sa}^s-j_s-j_{sa}-s-\mathbb{k}-I+1)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+j_{ik}+j_{sa}^s-j_s-j_{sa}-s+1)!}
\end{aligned}$$

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

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

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

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

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{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n+l_k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-l_k-1} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n+l_k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\frac{(n_i+j_{sa}-s-l_k-I-j_{sa}^{ik}-1)!}{(n_i-n-l_k-I)! \cdot (n+j_{sa}-s-j_{sa}^{ik}-1)!}
\end{aligned}$$

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

$$I = l_k + I \wedge s > 1 \wedge l_k > 0 \wedge I > 1 \wedge s = s + l_k + I \wedge l_{k_2}: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_i+j_{sa}^{ik}-j_{sa}-s-\mathbb{k}-I+1)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+j_{sa}^{ik}-j_{sa}-s+1)!}
\end{aligned}$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_i+j_s-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i+j_s-n-\mathbb{k}-I-j_{sa}^s)! \cdot (n-s)!}
\end{aligned}$$

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\frac{(n_i+j_s-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i+j_s-\mathbf{n}-\mathbb{k}-I-j_{sa}^s)! \cdot (\mathbf{n}-s)!} \end{aligned}$$

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

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

$$\begin{aligned}
{}_0S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
\end{aligned}$$



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

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

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

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \end{aligned}$$

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

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

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

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

$$\begin{aligned} {}_0S^{ISO} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \end{aligned}$$

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

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

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

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

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

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

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

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

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

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

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

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

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

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - \mathbb{k} - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - n - \mathbb{k} - I - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!} \\
& D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee \\
& I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow \\
& {}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j_{ik} - 1)!}{(n + j_{sa} - j_{ik} - s - 1)! \cdot (s - j_{sa})!} \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!}
\end{aligned}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}$$

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$$

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

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

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

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

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

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

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-k)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - k - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

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

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

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

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

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(n + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - \mathbb{k} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +$$

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

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \cdot \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - I + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s + 3)! \cdot (n-s)!} \\
& D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee \\
& I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow \\
& {}_0S^{ISO} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+\mathbb{k}}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(n+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-\mathbb{k}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +
\end{aligned}$$

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

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(\mathbf{n}+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}
\end{aligned}$$

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

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}}
\end{aligned}$$

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

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

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

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$



$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_{sa}+j_{ik}-j_s-s-I+1)!}{(n_{sa}+j_{ik}-\mathbf{n}-I-j_{sa}^s+1)! \cdot (\mathbf{n}-s)!}
\end{aligned}$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n+l_k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-l_k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n+l_k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k} \\
&\quad \frac{(n_{sa}+j_{sa}-s-I-j_{sa}^s)!}{(n_{sa}+j_{ik}-n-I-j_{sa}^s+1)! \cdot (n+j_{sa}-s-j_{ik}-1)!}
\end{aligned}$$

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

$$I = l_k + I \wedge s > 1 \wedge l_k > 0 \wedge I > 1 \wedge s = s + l_k + I \wedge l_{k_2}: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

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

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k} \\
&\quad \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot k - I + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - n - 2 \cdot k - I - j_{sa}^s + 4)! \cdot (n-s)!}
\end{aligned}$$

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

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}^{lk}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - I + 2)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_s^s + 2)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n-s)!}
\end{aligned}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
o_{\mathcal{S}}^{\text{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{\mathbf{lk}}-s)} \sum_{(j_{ik}=j_{sa}^{\mathbf{lk}})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{lk}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{lk}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbf{lk}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{\mathbf{lk}})! \cdot (j_{sa}^{\mathbf{lk}}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{\mathbf{lk}}-s)} \sum_{(j_{ik}=j_{sa}^{\mathbf{lk}})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}^{\mathbf{lk}}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{lk}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{lk}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{lk}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{\mathbf{lk}})! \cdot (j_{sa}^{\mathbf{lk}}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{\mathbf{lk}}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbf{lk}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbf{lk}} \\
&\quad \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot \mathbf{lk} - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 2 \cdot \mathbf{lk} - I)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

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

$$I = \mathbf{lk} + I \wedge \mathbf{s} > 1 \wedge \mathbf{lk} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbf{lk} + I \wedge \mathbf{lk}_z: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n-s)!}
\end{aligned}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$



$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j_{ik}-1)!}{(\mathbf{n}+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{lk}-s)} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j^{sa}=j_{ik}+2}^{\mathbf{n}+j_{sa}-s} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{lk})! \cdot (j_{sa}^{lk}-2)!} \cdot \frac{(\mathbf{n}-j^{sa})!}{(\mathbf{n}+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{lk}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+1} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j_{ik}-1)!}{(n+j_{sa}-j_{ik}-s-1)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
&\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}} \\
&\quad \frac{(n_i+n_{ik}-n_{sa}-s-2 \cdot \mathbb{k}-I-1)!}{(n_i+n_{ik}+j_s-n_{sa}-n-2 \cdot \mathbb{k}-I-j_{sa}^s-1)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 V$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{n}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{n}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \left( \frac{(n_i - s - k - I)!}{(n_i - n - k - I)! \cdot (n - s)!} \right)_{j_{sa}}$$

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

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{n}{j_{ik}=j_{sa}^{ik}}} \sum_{\binom{n}{j^{sa}=j_{sa}}} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{n}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{n}{n_{sa}=n+I-j^{sa}+1}} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

$$\left( \frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} - s)!} \right)_{j^{sa}}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 V$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j^s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \\ &\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j^s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \\ &\frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \right) + \end{aligned}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{\mathbf{n}+j_{sa}^{ik}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}^{(\ )} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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



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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} - s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \\
& \frac{(n_i + j_s + j_{sa} - j^{sa} - s - k_1 - k_2 - I - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_s + j_{sa} - j^{sa} - s - j_{sa}^s)!} \\
& D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee \\
& I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee \\
& I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge \\
& k_z: z = 1 \wedge k = k_2 \Rightarrow \\
& {}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \\
& \sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{()}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{()}{n_{sa}=n+I-j^{sa}+1}} \\
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +
\end{aligned}$$

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

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

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

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

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

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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



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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}^{(n)} \\
& \frac{(n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!} \\
& D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee \\
& I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee \\
& I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \\
& \mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow \\
& {}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)} \\
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +
\end{aligned}$$

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

$$\frac{(n_i + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (n + 2 \cdot j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 2 \cdot j_{sa} - s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

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

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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



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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - I - j_s^s)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_{ik} - s - j_s^s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{\binom{n}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{n}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}} \sum_{\binom{n}{n_{sa}=n+I-j^{sa}+1}} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

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

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{\mathbf{n}+j_{sa}^{ik}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}^{\mathbf{n}+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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



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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$0_S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_1+I)}^{(n)} \sum_{(n_{ik}=n+l_2+I-j_{ik}+1)}^{(n_i-j_{ik}-l_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-l_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+l_1+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_2} \\
 & \frac{(n_i + j_{ik} + j_{sa} - j^{sa} - s - l_1 - l_2 - I - j_{sa}^{ik})!}{(n_i - n - l_1 - l_2 - I)! \cdot (n + j_{ik} + j_{sa} - j^{sa} - s - j_{sa}^{ik})!}
 \end{aligned}$$

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

$$I = l_k + I \wedge s > 1 \wedge l_k > 0 \wedge I > 1 \wedge s = s + l_k + I \wedge l_{k_2}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \vee$$

$$I = l_k + I \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I > 1 \wedge s = s + l_k + I \wedge$$

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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

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

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{(n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

$$\frac{(n_i + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa} - s)!}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \end{aligned}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} +$$

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

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



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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \end{aligned}$$

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

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{( )} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_{k_2})} \frac{(n_i - s - l_k - 1)!}{(n_i - n - l_k - 1)! \cdot (n - s)!}$$

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

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

$$l_{k_2}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = l_k + I \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I > 1 \wedge$$

$$s = s + l_k + I \wedge l_{k_2}: z = 1 \wedge l_k = l_{k_2} \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{( )} \sum_{(n_i=n+l_k+1)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}+I-j_{ik}+1)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}-l_{k_2}-1} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - l_{k_1} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - l_{k_1} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
&\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
&\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
\end{aligned}$$

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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0 S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \end{aligned}$$



$$\begin{aligned}
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \Big) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n_i+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-2 \cdot j^{sa}-s-\mathbb{k}_1-\mathbb{k}_2-I-2 \cdot j_{sa}^s+1)!}{(n_i-n-\mathbb{k}_1-\mathbb{k}_2-I)! \cdot (n+2 \cdot j_s+j_{sa}+j_{sa}^{ik}-2 \cdot j^{sa}-s-2 \cdot j_{sa}^s+1)!}
\end{aligned}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}
\end{aligned}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \end{aligned}$$

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

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa} - s - k_1 - k_2 - I + 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa} - s + 1)!}$$

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{(n_{ik}-k_2-1)} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
 &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
 &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
 &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
 &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
 \end{aligned}$$

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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j^{sa} + j_{sa}^s + j_{sa}^{ik} - j_s - 2 \cdot j_{sa} - s + 1)!}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$o_{S,iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j^{sa}=j_{sa}}$$



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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j^{sa} - s - \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j^{sa} - s - j_{sa}^s + 1)!}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

$$\begin{aligned}
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \cdot \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n_i+j^{sa}+j_{sa}^s-j_s-j_{sa}^{ik}-s-\mathbb{k}-I-1)!}{(n_i-n-\mathbb{k}-I)! \cdot (n+j^{sa}+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}
\end{aligned}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}
\end{aligned}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \end{aligned}$$

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

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}$$

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}-k_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
&\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
\end{aligned}$$



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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$o_{S,iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

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

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j^{sa}=j_{sa}}$$

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

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_i + j_{sa}^{ik} - j_{sa} - s - \mathbb{k} - I + 1)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_{sa}^{ik} - j_{sa} - s + 1)!}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right) \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \cdot \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_i+j_{sa}^{ik}-j_{sa}-s-k_1-k_2-I+1)!}{(n_i-n-k_1-k_2-I)! \cdot (n+j_{sa}^{ik}-j_{sa}-s+1)!}
\end{aligned}$$

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

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}
\end{aligned}$$

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

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

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+I)}} \sum_{\binom{(\ )}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$${}_0S^{isa} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{(\ )}{(j_{ik}=j_{sa}^{ik})}} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{\binom{(\ )}{(j_{ik}=j_{sa}^{ik})}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right)$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$



$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) -
\end{aligned}$$

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} +$$

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

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

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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

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

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k}_2 - I)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k}_2 - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

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

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

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

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

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

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

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{n}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{n}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \frac{(n_{ik} + j_{sa}^{ik} - s - k_2 - I - j_{sa}^s)!}{(n_{ik} + j_{ik} - n - k_2 - I - j_{sa}^s)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

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

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{n}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{n}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{n}{n_{sa}=n+I-j^{sa}+1}} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$



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

$$\frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - I - j_{sa}^s)!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!}$$

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

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

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

$$\begin{aligned} 0_{S^{ISO}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j_{sa}^{sa}+1)}^{n_{ik}+j_{ik}-j_{sa}^{sa}-\mathbb{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(j_{sa}^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j_{sa}^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}^{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=\mathbf{n}+I-j_{sa}^{sa}+1)}^{n_{ik}+j_{ik}-j_{sa}^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_{sa}^{sa}-j_{ik}-1)!}{(j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\frac{(n-j_{sa}^{sa})!}{(n+j_{sa}-j_{sa}^{sa}-s)! \cdot (s-j_{sa}^{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\left. \frac{(n_{ik}-n_{sa}-1)!}{(j_{sa}^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j_{sa}^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j_{sa}^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j_{sa}^{sa})!} \right) + \end{aligned}$$

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

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

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

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

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k - I + 2)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - I - j_{sa}^s + 2)! \cdot (n - s)!}$$

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

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

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

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}$$

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

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n_{ik} + j^{sa} + \mathbb{k}_1 - j_s - s - \mathbb{k} - I - 1)!}{(n_{ik} + j^{sa} + \mathbb{k}_1 - n - \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \end{aligned}$$



$$\begin{aligned}
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \cdot \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
& \frac{(n_{ik}+j_{sa}^{ik}-s-k_2-I-j_{sa}^s)!}{(n_{ik}+j^{sa}-n-k_2-I-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j^{sa}+1)!}
\end{aligned}$$

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{sa}} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1} \\
& \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}
\end{aligned}$$

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

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

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

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

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

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \end{aligned}$$

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

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

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2)}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j^{sa} - s - 2 \cdot k_1 - k_2 - I + 3)!}{(2 \cdot n_i - n_{ik} - j^{sa} - n - 2 \cdot k_1 - k_2 - I - j_{sa}^s + 3)! \cdot (n - s)!}$$

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

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

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}-k_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

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

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j^{sa} - s - 2 \cdot \mathbb{k} - I + 3)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j^{sa} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s + 3)! \cdot (n-s)!}
\end{aligned}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}} \\
 &\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
 &\frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 &\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
 &\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 &\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!}
 \end{aligned}$$

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

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+I)}} \sum_{\binom{(\cdot)}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{\binom{(\cdot)}{(n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2)}} \frac{(n_{sa} + j^{sa} - j_s - s - I)!}{(n_{sa} + j^{sa} - \mathbf{n} - I - j_{sa}^s)! \cdot (n - s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{(\cdot)}{(j_{ik}=j_{sa}^{ik})}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+I)}} \sum_{\binom{(\cdot)}{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{\binom{(\cdot)}{(n_{sa}=\mathbf{n}+I-j^{sa}+1)}} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} +$$

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

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

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



$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \right. \\ &\left. \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right) \end{aligned}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(j_{ik}-2)! \cdot (j_{sa}^{ik}-2)! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(n-j^{sa})!} \cdot \frac{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!}{(n_i-n_{ik}-1)!} \cdot \frac{(n_i-n_{ik}-j_{ik}+1)!}{(j_{ik}-2)! \cdot (n_{sa}-1)!} \cdot \frac{(n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} - \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 2)!}{(2 \cdot n_i - n_{sa} - j^{sa} - n - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 2)! \cdot (n-s)!}$$

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

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

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

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}^{( )}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}}{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}
\end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbf{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbf{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbf{k}_2} (2 \cdot n_i - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbf{k} - I + 2)!}{(2 \cdot n_i - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbf{k} - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbf{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbf{k} + I \wedge s > 1 \wedge \mathbf{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbf{k} + I \wedge \mathbf{k}_2: z = 2 \wedge \mathbf{k} = \mathbf{k}_1 + \mathbf{k}_2 \vee$$

$$I = \mathbf{k} + I \wedge s > 1 \wedge \mathbf{k}_2 > 0 \wedge \mathbf{k}_1 = 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbf{k} + I \wedge$$

$$\mathbf{k}_2: z = 1 \wedge \mathbf{k} = \mathbf{k}_2 \Rightarrow$$

$$\begin{aligned} 0_S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbf{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-\mathbf{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbf{k}_1+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-\mathbf{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbf{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbf{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbf{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \end{aligned}$$

$$\begin{aligned}
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} + \\
& \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n_{ik} + j_{sa} - s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n_{ik} + j_{sa} - s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
 & \frac{(n_{ik}-n_{sa}-k_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-k_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right) \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \\
 & \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!}
 \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \Bigg)^{-}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0 S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \cdot \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_i + j_s - n_{sa} - j^{sa} - s - 2 \cdot k_1 - 2 \cdot k_2 - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j^{sa} - n - 2 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$



$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \frac{(2 \cdot n_i + j_s - n_{sa} - j^{sa} - s - 2 \cdot k - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j^{sa} - n - 2 \cdot k - I - j_{sa}^s)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{()}{n_{sa}=n+I-j^{sa}+1}} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) - \\
& \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\ &\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (\mathbf{n}-j^{sa})!} \right) \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=1}^{\mathbf{n}+j_{sa}^{ik}-s} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\mathbf{n}+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{\mathbf{n}+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{\mathbf{n}+j_{sa}^{ik}-s} \sum_{j_{ik}=j_{sa}^{ik}}^{\mathbf{n}+j_{sa}-s} \sum_{j^{sa}=j_{sa}}^{\mathbf{n}+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(\ )} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - j_{ik} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{\mathbf{n}+j_{sa}^{ik}-s} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j^{sa}=j_{sa}}^{\mathbf{n}+j_{sa}-s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \left( \sum_{j_s=1}^{\binom{n+j_{sa}^{ik}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \right. \\
 & \left. \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right) \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot
 \end{aligned}$$

$$\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} \Bigg) -$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j_s - j^{sa} - s - 2 \cdot \mathbb{k}_2 - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$o_S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(n - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_{sa} - \mathbb{k}_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - \mathbb{k}_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n+l_k+I-j_{ik}+1)}^{(n_i-j_{ik}-l_k+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-l_k} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
 & \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_k+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-l_k} \\
 & \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot l_{k_1} - n_{sa} - j_s - j^{sa} - s - 2 \cdot l_k - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot l_{k_1} - n_{sa} - j^{sa} - n - 2 \cdot l_k - I - j_{sa}^s)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = l_k + I \wedge s > 1 \wedge l_k > 0 \wedge I > 1 \wedge s = s + l_k + I \wedge l_{k_2}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \vee$$

$$I = l_k + I \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I > 1 \wedge s = s + l_k + I \wedge$$



$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-\mathbb{k}_2-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa}-\mathbb{k}_2)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \\
&\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j^{sa} - j_{ik} - 1)!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{()}{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}} \frac{(n_i + n_{ik} + j_{ik} - n_{sa} - j^{sa} - s - 2 \cdot k_2 - k_1 - I)!}{(n_i + n_{ik} + j_s + j_{ik} - n_{sa} - j^{sa} - n - 2 \cdot k_2 - k_1 - I - j_{sa}^s)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j^{sa}=j_{sa}} \sum_{\binom{n}{n_i=n+k+1}} \sum_{\binom{()}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{()}{n_{sa}=n+I-j^{sa}+1}} \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_{sa} - k_2 - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa} - k_2)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j^{sa}-j_{ik}-1)!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})! \cdot (j_{sa}-j_{sa}^{ik}-1)!} \cdot \\
& \quad \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
& \quad \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) - \\
& \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\frac{(n_i + n_{ik} + j_{ik} + \mathbb{k}_1 - n_{sa} - j^{sa} - s - 2 \cdot \mathbb{k} - I)!}{(n_i + n_{ik} + j_s + j_{ik} + \mathbb{k}_1 - n_{sa} - j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \right. \\ &\left. \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right) \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n_{sa}+j_{ik}-j_s-s-I+1)!}{(n_{sa}+j_{ik}-\mathbf{n}-I-j_{sa}^s+1)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j_{sa}+1}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
& \sum_{j_s=1}^{\binom{n+j_{sa}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j_{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j_{sa}+1}^{n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_{sa}=j_{ik}+1)}^{n+j_{sa}-s} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{\binom{D-s}{j_s}} \sum_{n_{sa}=n_{ik}+j_{ik}-j_{sa}-\mathbb{k}_2} \\
& \frac{(n_{sa}+j_{sa}-s-I-j_{sa}^s)!}{(n_{sa}+j_{ik}-n-I-j_{sa}^s+1)! \cdot (n+j_{sa}-s-j_{ik}-1)!}
\end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - I + 1)!}{(2 \cdot n_i - n_{sa} - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s + 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$



$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(2 \cdot n_i - n_{sa} - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - I + 1)!}{(2 \cdot n_i - n_{sa} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s + 1)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+l-j^{sa}+1}^{n_{ik}-k_2-1} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+l-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
&\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+l-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 4)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(\mathbf{n}-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j^{sa})!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s + 2)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s \neq I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+1-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+1-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
& \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+1-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+1-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \right. \\
& \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}
\end{aligned}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j^{sa} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 4)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} 0_S^{ISO} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \right. \\ &\left. \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right) \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(3 \cdot n_i - n_{ik} - n_{sa} - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 2)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} +$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$



$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(2 \cdot n_i + j_s - n_{sa} - j_{ik} - s - 2 \cdot k - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{sa} - j_{ik} - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{sa}} \\
&\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+l-j^{sa}+1}^{n_{ik}-k_2-1} \\
&\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
&\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+l-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
&\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+l-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
&\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
&\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(\mathbf{n} - j_{sa})!}{(\mathbf{n} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_{sa})!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(\mathbf{n} - j^{sa})!}{(\mathbf{n} + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^k-s)} \sum_{(j_{ik}=j_{sa}^k+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{ik}+1} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - s - 2 \cdot k - k_1 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j^{sa} - n - 2 \cdot k - k_1 - I)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+1-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+1-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \right. \\
& \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \right. \\
& \quad \left. \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+1-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+1-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \right. \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \right. \\
& \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
& \quad \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{j_{ik}=j_{sa}^{ik}}^{(n)} \sum_{(j^{sa}=j_{ik}+1)}^{(n)} \\
& \quad \sum_{(n_i=n+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}^{(n)}
\end{aligned}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_{sa} - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} 0_S^{ISO} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}-\mathbb{k}_2-1} \frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_{sa}=n+I-j^{sa}+1)}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^s-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \end{aligned}$$



$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} \Big) -$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_{sa}=\mathbf{n}_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2}} \frac{(2 \cdot n_{ik} + j_{ik} - n_{sa} - j_s - s - 2 \cdot \mathbb{k}_2 - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_{sa} - \mathbf{n} - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (n-s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\cdot)} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-\mathbf{n}-1)! \cdot (n-j^{sa})!} +$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j^{sa}=j_{ik}+1}^{n+j_{sa}-s} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n-j^{sa})!}{(n+j_{sa}-j^{sa}-s)! \cdot (s-j_{sa})!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_{sa}-1)!}{(j^{sa}-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_{sa}-j^{sa})!} \cdot \frac{(n_{sa}-1)!}{(n_{sa}+j^{sa}-n-1)! \cdot (n-j^{sa})!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - j_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_{sa} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n-j_{sa})!}{(n-s)! \cdot (s-j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - \mathbf{n} - 1)! \cdot (n - j^{sa})!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=\mathbf{n}+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\frac{(n_i + n_{ik} - n_{sa} - s - 2 \cdot k_2 - k_1 - I - 1)!}{(n_i + n_{ik} + j_s - n_{sa} - n - 2 \cdot k_2 - k_1 - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j^{sa} - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j^{sa} - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{sa}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}-k_2-1}$$

$$\frac{(n - j_{sa})!}{(n - s)! \cdot (s - j_{sa})!} \cdot$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j^{sa}=j_{ik}+2}^{n+j_{sa}-s} \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-k_2}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n+j_{sa}-s} \sum_{j^{sa}=j_{ik}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_{sa}=n+I-j^{sa}+1}^{n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n - j^{sa})!}{(n + j_{sa} - j^{sa} - s)! \cdot (s - j_{sa})!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_{sa} - 1)!}{(j^{sa} - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_{sa} - j^{sa})!} \cdot \frac{(n_{sa} - 1)!}{(n_{sa} + j^{sa} - n - 1)! \cdot (n - j^{sa})!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_{sa}=n_{ik}+j_{ik}-j^{sa}-\mathbb{k}_2} \\
& \frac{(n_i + n_{ik} + \mathbb{k}_1 - n_{sa} - s - 2 \cdot \mathbb{k} - I - 1)!}{(n_i + n_{ik} + j_s + \mathbb{k}_1 - n_{sa} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2; z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \left( \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!} \right)_{j_i}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}}$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\mathbf{n}} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{j_{sa}^{ik}}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i+j_s-j_i-\mathbb{k}-I-j_{sa}^s)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+j_s-j_i-j_{sa}^s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n$$



$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \mathbb{k} - I - 2 \cdot j_{sa}^s)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 &\frac{(n_i+j_i+j_{sa}^s-j_s-2 \cdot s-k-I)!}{(n_i-n-k-I)! \cdot (n+j_i+j_{sa}^s-j_s-2 \cdot s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 1 \Rightarrow$$

$$\begin{aligned}
o_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} - \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(n_i+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s-\mathbb{k}-I)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i-n-\mathbb{k}-I)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!} \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \end{aligned}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} o_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I)!} \\ (n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\ \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\ \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\ \frac{(n_i + j_{ik} - j_i - k - I - j_{sa}^{ik})!}{(n_i - n - k - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\ \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$



$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z; z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s\bar{a}}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{(n)}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{(\ )}{(n_{ik}=n_i-j_{ik}+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\left( \frac{(n_i-s-\mathbb{k}-I)!}{(n_i-n-\mathbb{k}-I)! \cdot (n-s)!} \right)_{j_i}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{\binom{(n-1)}{(j_{ik}=s-1)}} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{(n)}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}+1)}{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}} \sum_{\binom{n_{ik}-\mathbb{k}-1}{n_s=n+I-j_i+1}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{\binom{(n-1)}{(j_{ik}=s-1)}} \sum_{\binom{n}{j_i=j_{ik}+2}}$$

$$\sum_{\binom{(n)}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}+1)}{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}} \sum_{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}}{n_s=n+I-j_i+1}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i-s-\mathbb{k}-I)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (n-s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0s^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (n-j_i)!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (n-j_i)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\frac{\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}}}{(n_i + j_s - j_{ik} - \mathbb{k} - I - j_{sa}^s - 1)!} \cdot \frac{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} o_S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\ &\quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \end{aligned}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - \mathbf{I} - 2 \cdot j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - \mathbf{I})! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}^0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\quad \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k} - \mathbf{I} + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - \mathbf{I})! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!} \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\ &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\ &\quad \frac{(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3 \cdot s-k-I+1)!}{(n_i-n-k-I)! \cdot (n+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3 \cdot s+1)!} \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{\text{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} - \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0\mathcal{S}^{\text{iso}} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\begin{aligned}
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s - 1)} \sum_{j_i = j_{ik} + 2}^n \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
 & \frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - I - 1)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s - 1)} \sum_{j_i = j_{ik} + 1}$$



$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s - 1)}^{(n-1)} \sum_{j_i = j_{ik} + 2}^n \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}^0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s - 1)}^{(n-1)} \sum_{j_i = j_{ik} + 1}^n \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1}
\end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
& \frac{(n_i - k - I - j_{sa}^{ik} - 1)!}{(n_i - n - k - I)! \cdot (n - j_{sa}^{ik} - 1)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k} - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
\end{aligned}$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_s - s - \mathbb{k} - I - j_{sa}^s)!}{(n_i + j_s - \mathbf{n} - \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i+j_s-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i+j_s-\mathbf{n}-\mathbb{k}-I-j_{sa}^s)! \cdot (\mathbf{n}-s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} +
\end{aligned}$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
& \frac{(n_{ik}+j_{ik}-j_s-s-k-I)!}{(n_{ik}+j_{ik}-n-k-I-j_{sa}^s)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +
\end{aligned}$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(D-s)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-I-j_{sa}^s)!}{(n_{ik}+j_{ik}-\mathbf{n}-\mathbb{k}-I-j_{sa}^s)! \cdot (\mathbf{n}+j_{sa}^{ik}-s-j_{ik})!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - \mathbb{k} - I + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
 \end{aligned}$$



$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - \mathbb{k} - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - n - \mathbb{k} - I - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!} \\
& D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee \\
& I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow \\
& {}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_{ik}+j_i-j_s-s-k-I-1)!}{(n_{ik}+j_i-n-k-I-j_{sa}^s-1)! \cdot (n-s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}-I-j_{sa}^s)!}{(n_{ik}+j_i-n-\mathbb{k}-I-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_i+1)!}}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{( )} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k})}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - \mathbb{k} - I + 3)!}{(2 \cdot n_i - n_{ik} - j_i - n - \mathbb{k} - I - j_{sa}^s + 3)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \mathbb{k} - I + 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - \mathbf{n} - \mathbb{k} - I - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

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$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

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$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_s + j_i - j_s - s - I)!}{(n_s + j_i - n - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$

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$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

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$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n$$

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$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_s - I - j_{sa}^s)!}{(n_s + j_i - \mathbf{n} - I - j_{sa}^s)! \cdot (\mathbf{n} - j_i)!}$$

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$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

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$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

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$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

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$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

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$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z \cdot z = 1 \Rightarrow$

$$o_{Siso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s + j_{ik} - j_s - s - I + 1)!}{(n_s + j_{ik} - n - I - j_{sa}^s + 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_s - I - j_{sa}^s)!}{(n_s + j_{ik} - \mathbf{n} - I - j_{sa}^s + 1)! \cdot (\mathbf{n} - j_{ik} - 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0s^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}}{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - I + 1)!} \cdot \frac{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s + 1)! \cdot (n - s)!}{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - I + 1)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} o_S^{iso} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\ &\quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$



$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} - \mathbf{I} + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbf{I} - j_{sa}^s + 4)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \end{aligned}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbf{I} + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbf{I} - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\quad \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\ &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\ &\quad \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot k - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n-s)!} \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{\text{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
&\quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
&\quad \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} - \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sA}^{\text{ik}}} \sum_{(j_i=j_{ik}+1)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
&\quad \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{\text{iso}} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+\mathbb{k}}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
\end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_i + n_{ik} - n_s - s - 2 \cdot k - I - 1)!}{(n_i + n_{ik} + j_s - n_s - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z : z = 1 \Rightarrow$$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - k - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k)!}$$

$$\begin{aligned}
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \left( \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!} \right)_{j_i}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\mathbf{n}} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
 & \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!}
 \end{aligned}$$



$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}(n+I-j_i)} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \\ &\left( \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}(n+I-j_i)} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\ &\left( \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + j_s - j_i - \mathbb{k} - I - j_{sa}^s)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} o_{S^{iso}} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \end{aligned}$$

$$\left( \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - \mathbb{k} - I - 2 \cdot j_{sa}^s)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n+\mathbb{k}+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1} \sum_{(i=I+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left( \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
& \left. \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(D-s)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s-\mathbb{k}-I)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k} - I - j_{sa}^s)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}
\end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n$$

$$\begin{aligned}
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k} (n + I - j_i)} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^n \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k} (n + I - j_i)} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \\ &\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \end{aligned}$$



$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} o_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right) \end{aligned}$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_{ik} - j_i - \mathbb{k} - \mathbf{I} - j_{sa}^{ik})!}{(n_i - \mathbf{n} - \mathbb{k} - \mathbf{I})! \cdot (\mathbf{n} + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$$o_{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \binom{n-1}{}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1}} \sum_{n_s=\mathbf{n}+I-j_i+1} \sum_{(i=I+1)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)} \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_s^{ik}} \sum_{(j_i = j_{ik} + 1)} \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\cdot)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \left( \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!} \right)_{j_i}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s - 1)} \sum_{j_i = j_{ik} + 1}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \sum_{(i = I + 1)}^{(n + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_s^{\mathbb{k}}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \Bigg) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s-1)}^{(\mathbf{n}-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} + \\
 & \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} \right) + \\
 & \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \Bigg) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n})} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}^{(\mathbf{n})} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\mathbf{n})} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_i + j_s - j_{ik} - \mathbb{k} - \mathbf{I} - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - \mathbf{I})! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0\mathcal{S}^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s-1)}^{(\mathbf{n}-1)} \sum_{j_i=j_{ik}+1}^{(\mathbf{n}-1)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot
 \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k \cdot (n+I-j_i)} \sum_{(i \neq I+1)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k - I + 1)!}{(n_i - n - k - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}$$



$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(D - s)!} \sum_{(j_{ik} = s - 1)}^{(n - 1)} \sum_{j_i = j_{ik} + 2}^{\mathbf{n}} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k} - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 &\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 &\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 &\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 &\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-k-I-j_{sa}^s)!}{(n_i-n-k-I)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\ &\left. \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\ &\left( \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\ &\left. \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \end{aligned}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - I - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\ &\quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \end{aligned}$$

$$\frac{\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}}}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I - 1)!} \cdot \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\ &\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(n_i - k - I - j_{sa}^{ik} - 1)!}{(n_i - n - k - I)! \cdot (n - j_{sa}^{ik} - 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{ISO}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=\mathbf{n}_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k} - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (n + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1}} \sum_{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{\binom{n+I-j_i}{i=I+1}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{n+j_{sa}^{ik}-s}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}+1}{n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1}} \sum_{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{\binom{n+I-j_i}{i=I+1}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \frac{(n_i + j_s - s - k - I - j_{sa}^s)!}{(n_i + j_s - n - k - I - j_{sa}^s)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=n+k+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$



$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k} (n + I - j_i)} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\cdot)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(n_i + j_s - s - \mathbb{k} - I - j_{sa}^s)!}{(n_i + j_s - \mathbf{n} - \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k} (n + I - j_i)} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.
\end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
 & \frac{(n_{ik} + j_{ik} - j_s - s - \mathbb{k} - \mathbf{I})!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k} - \mathbf{I} - j_{sa}^s)! \cdot (\mathbf{n} - s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)}
 \end{aligned}$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^{\mathbf{n}} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
& \frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - I - j_{sa}^s)!}{(n_{ik} + j_{ik} - \mathbf{n} - \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_{ik})!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \\
 &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-k-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k)!} \cdot \\
 &\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 &\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 &\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 &\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}
 \end{aligned}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - \mathbb{k} - I + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - \mathbf{n} - \mathbb{k} - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{(\cdot)}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_{ik} - s - k - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_{ik} - n - k - I - j_{sa}^s)! \cdot (n + j_{sa}^s - s - j_s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}^{\binom{n-1}{j_i=j_{ik}+1}}$$

$$\sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=n+k+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \left( \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\binom{n-1}{j_i=j_{ik}+2}} \sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=n+k+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right)$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_i - j_s - s - \mathbb{k} - I - 1)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k} - I - j_{sa}^s)!}{(n_{ik} + j_i - n - \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n + j_{sa}^{ik} - s - j_i + 1)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=n+\mathbb{k}+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=n+\mathbb{k}+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$



$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - \mathbb{k} - I + 3)!}{(2 \cdot n_i - n_{ik} - j_i - \mathbf{n} - \mathbb{k} - I - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_S^{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_{ik} - j_i - s - \mathbb{k} - I + 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_{ik} - j_i - n - \mathbb{k} - I - j_{sa}^s + 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}^0S^{ISO} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}} \sum_{n_s=n+I-j_i+1} \sum_{(i=I+1)} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left( \frac{(n_s-I-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
& \left. \frac{(n_s-i-1)!}{(n_s+j_i-\mathbf{n}-I-1)! \cdot (\mathbf{n}+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_s+j_i-j_s-s-I)!}{(n_s+j_i-\mathbf{n}-I-j_{sa}^s)! \cdot (\mathbf{n}-s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s \geq 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$$\begin{aligned}
o_{Siso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot
\end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_s - I - j_{sa}^s)!}{(n_s + j_i - n - I - j_{sa}^s)! \cdot (n - j_i)!}
\end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n$$

$$\begin{aligned}
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k} (n + I - j_i)} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})}^{(n + j_{sa}^{ik} - s)} \sum_{j_i = j_{ik} + s - j_{sa}^{ik} + 1}^n \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k} (n + I - j_i)} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
 & \frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - I + 2)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot \mathbb{k} - I - j_{sa}^s + 2)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k})!} \\ &\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\ &\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \end{aligned}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - I + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + IV$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \Rightarrow$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^n$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right)$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - \mathbf{I})!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbf{I} - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < \mathbf{n} \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z : z = 1 \Rightarrow$$

$$o_{SISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!}$$

$$\left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)}$$



$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \Rightarrow$$

$${}^0_{SISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \binom{n+j_{sa}^{ik}-s}{(j_{ik}=j_{sa}^{ik})}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}} \sum_{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}}{n_s=\mathbf{n}+I-j_i+1}} \sum_{\binom{n+I-j_i}{(i=I+1)}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\begin{aligned} & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \\ & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\ & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\ & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\ & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\ & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\ & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\ & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\ & \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot k - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot k - I - j_{sa}^s)! \cdot (n-s)!} \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s \geq 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z : z = 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}} \\ & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\ & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \end{aligned}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k} - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k})!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \\
& \frac{(n_i + n_{ik} + j_{ik} - n_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(n_i + n_{ik} + j_s + j_{ik} - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k} - 1} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(n - 1)} \sum_{(j_{ik} = s - 1)}^{(n - 1)} \sum_{j_i = j_{ik} + 2}^{\mathbf{n}} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k} + I - j_{ik} + 1)}^{(n_i - j_{ik} + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}} \\
 & \frac{(n_s + j_{ik} - j_s - s - I + 1)!}{(n_s + j_{ik} - \mathbf{n} - I - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 &\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 &\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 &\left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} \\
 &\frac{(n_s-I-j_{sa}^s)!}{(n_s+j_{ik}-n-I-j_{sa}^s+1)! \cdot (n-j_{ik}-1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{(n-1)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}
 \end{aligned}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - \mathbf{I} + 1)!}{(2 \cdot n_i - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbf{I} - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i-1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \end{aligned}$$

$$\frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k} (3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot k - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - I - j_{sa}^s + 4)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} o_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+1} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \end{aligned}$$



$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1}} \sum_{\binom{n_{ik}-\mathbb{k}-1}{n_s=\mathbf{n}+I-j_i+1}} \sum_{\binom{(n+I-j_i)}{(i=I+1)}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1}} \sum_{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}}{n_s=\mathbf{n}+I-j_i+1}} \sum_{\binom{(n+I-j_i)}{(i=I+1)}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot k - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z = z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot k - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - I)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z : z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot k - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

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$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)}^{(n-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=n_i-j_{ik}+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z \cdot z = 1 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{s^{iso}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+1}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(n_i-j_{ik}+1)}{n_{ik}=\mathbf{n}+\mathbb{k}+I-j_{ik}+1}} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}+I-j_{ik}+1)}^{(n_i-j_{ik}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}} \sum_{(i=I+1)}^{(n+I-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}} \frac{(n_i+n_{ik}-n_s-s-2 \cdot \mathbb{k}-I-1)!}{(n_i+n_{ik}+j_s-n_s-n-2 \cdot \mathbb{k}-I-j_{sa}^s-1)! \cdot (n-s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
 & \quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \right. \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
 & \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \left( \frac{(n_i-s-\mathbb{k}-I)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}-s)!} \right)_{j_i}
 \end{aligned}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \end{aligned}$$



$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{s_a}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\left( \frac{(n_i - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - s)!} \right)_{j_i}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{s_a}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{s_a}^{ik})} \sum_{j_i=j_{ik}+s-j_{s_a}^{ik}+1}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i - s - k - I)!}{(n_i - n - k - I)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=s}$$

$$\begin{aligned}
 & \frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}}{(j_{ik}-2)! \cdot (j_{sa}^{ik}-2)! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_i-j_{ik}-1)! \cdot (n_s-1)!} + \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}}{(j_{ik}-2)! \cdot (j_{sa}^{ik}-2)! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_i-j_{ik}-1)! \cdot (n_s-1)!} + \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} 0_S^{iso} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^n \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_s-j_i-k-I-j_{sa}^s)!}{(n_i-n-k-I)! \cdot (n+j_s-j_i-j_{sa}^s)!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
 & \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(n_i + j_s - j_i - \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^s)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_s - j_i - j_{sa}^s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+I)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)} \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - k - I - 2 \cdot j_{sa}^s)!}{(n_i - n - k - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - j_{ik} - j_i - 2 \cdot j_{sa}^s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z \cdot z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}_{0S}iso = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \sum_{(n_i=n+k+I)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)} \sum_{n_s=n+I-j_i+1} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$



$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j_{ik}^{ik}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-k_1-k_2-I-2 \cdot j_{sa}^s)!}{(n_i-n-k_1-k_2-I)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2 \cdot j_{sa}^s)!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 &\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+l-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 &\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+l-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 &\sum_{(n_i=n+k+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+l-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - k - I)!}{(n_i - n - k - I)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

o<sub>S</sub>iso =

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{(\ )}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^n \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^s \sum_{j_{ik}=j_{sa}^{ik}}^s \sum_{(j_i=s)}^s \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-2 \cdot s-k_1-k_2-I)!}{(n_i-n-k_1-k_2-I)! \cdot (n+j_i+j_{sa}^s-j_s-2 \cdot s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^s \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=s}^s \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\ &\frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{()}{n_s=n_{ik}+j_{ik}-j_i-k_2}} \frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}_{0S}iso = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \sum_{\binom{n}{n_i=n+k+I}} \sum_{\binom{()}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{()}{n_s=n+I-j_i+1}} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-k-I-j_{sa}^s)!}{(n_i-n-k-I)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$



$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 &\sum_{(n_i=n+k_2+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 &\sum_{(n_i=n+k_2+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 &\sum_{(n_i=n+k_2+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\ \frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - k_1 - k_2 - I - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\ \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right)$$

$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}^{(\ )} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}
 \end{aligned}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned} o_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right) \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik}-k-1)!}{(n_i-n-k-1)! \cdot (n+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik})!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
 & \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \quad \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \right. \\
 & \quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
 & \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(n_i+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik}-\mathbb{k}_1-\mathbb{k}_2-I)!}{(n_i-\mathbf{n}-\mathbb{k}_1-\mathbb{k}_2-I)! \cdot (\mathbf{n}+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik})!}
 \end{aligned}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}^{(\quad)} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \end{aligned}$$



$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} - j_i - k - I - j_{sa}^{ik})!}{(n_i - n - k - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$o_s^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \cdot \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \cdot \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} - j_i - k_1 - k_2 - I - j_{sa}^{ik})!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{( )}$$

$$\begin{aligned}
 & \frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \\
 & \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}}{(j_{ik}-2)! \cdot (j_{sa}^{ik}-2)! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}}{(j_{ik}-2)! \cdot (j_{sa}^{ik}-2)! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Big) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} o_{S^{iso}} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^n \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s-k_1-k_2-I)!}{(n_i-n-k_1-k_2-I)! \cdot (n+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s)!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$

$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=s-1)}^{\binom{D-s-j_s}{j_{ik}}} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{\binom{n_i-j_{ik}-k_1+1}{n_{ik}}} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{\binom{n-1}{j_s}} \sum_{(j_{ik}=s)}^{\binom{n-1-j_s}{j_{ik}}} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{\binom{n_i-j_{ik}-k_1+1}{n_{ik}}} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}^n \\
 & \sum_{(n_i=n+k+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{\binom{D-s-j_s}{n_{ik}}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{\binom{D-s-j_s-n_{ik}}{n_s}} \\
 & \left( \frac{(n_i-s-k-I)!}{(n_i-n-k-I)! \cdot (n-s)!} \right)_{j_i}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\quad \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)}^{(\mathbf{n}-1)} \sum_{j_i=j_{ik}+1}^n \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\left( \frac{(n_i - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - s)!} \right)_{j_i}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{SISO} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$



$$\begin{aligned}
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - s - k - I)!}{(n_i - n - k - I)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{ISO} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+1-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+1-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+1-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+1-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - s - k_1 - k_2 - 1)!}{(n_i - n - k_1 - k_2 - 1)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_s - j_{ik} - k - I - j_{sa}^s - 1)!}{(n_i - n - k - I)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$0_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_s - j_{ik} - \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^s - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_s - j_{ik} - j_{sa}^s - 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}
 \end{aligned}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - \mathbf{I} - 2 \cdot j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - \mathbf{I})! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge s > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_{S^{iso}} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}^{(\quad)} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\quad)} \sum_{j_i=j_{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)}$$

$$\frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - k_1 - k_2 - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-k_2}$$



$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k - I + 1)!}{(n_i - n - k - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}^{( )} \\
 &\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\
 &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\
 &\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
 &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 &\sum_{(n_i=n+k+1)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) - \\
 &\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2 - I + 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \left( \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3 \cdot s-k-I+1)!}{(n_i-n-k-I)! \cdot (n+j_i+j_{sa}^s+j_{sa}^{ik}-j_s-3 \cdot s+1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=s}^{(n)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k}_1 + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s)}^{(n-1)} \sum_{j_i = j_{ik} + 1}^{\mathbf{n}} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k}_1 + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k}_1 + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
& \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{k}-I-j_{sa}^s+1)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (n+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^s+1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{(\cdot)}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1}} \sum_{n_s=\mathbf{n}+I-j_i+1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{\binom{(\cdot)}{j_{ik}=s-1}} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1}} \sum_{n_s=\mathbf{n}+I-j_i+1}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (n - j_i)!} +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!}$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(D-s)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_i-s-k_1-k_2-I-j_{sa}^s+1)!}{(n_i-n-k_1-k_2-I)! \cdot (n+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^s+1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$



$$\begin{aligned}
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}^{(\cdot)} \\
 & \frac{(n_i+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-\mathbb{k}-I-1)!}{(n_i-\mathbf{n}-\mathbb{k}-I)! \cdot (\mathbf{n}+j_i+j_{sa}^s-j_s-j_{sa}^{ik}-s-1)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - I - 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^s \sum_{j_{ik}=j_{sa}^{ik}}^s \sum_{(j_i=j_{ik}+1)}^s$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}^{( )}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I - 1)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^s \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}^s$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^S \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k}_1 - \mathbb{k}_2 - I - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}^{( )} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg)^{-}$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i - \mathbb{k} - I - j_{sa}^{ik} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - j_{sa}^{ik} - 1)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \Bigg)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{n-1} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k_1 - k_2 - I - j_{sa}^{ik} - 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$



$$\begin{aligned}
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\
& \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}^{(n)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{(n)}
\end{aligned}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - k - I + 1)!}{(n_i - n - k - I)! \cdot (n + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_{S^{iso}} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \right. \\ &\left. \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \right) \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=n+I-j_i+1)}^{(n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+j_s-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i+j_s-n-\mathbb{k}-I-j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
&\sum_{(n_i=n+k_1+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+l-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
&\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
&\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
&\sum_{(n_i=n+k_1+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+l-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
&\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
&\sum_{(n_i=n+k_1+l)}^{(n)} \sum_{(n_{ik}=n+k_2+l-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+l-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
&\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - s - k_1 - k_2 - I - j_{sa}^s)!}{(n_i + j_s - n - k_1 - k_2 - I - j_{sa}^s)! \cdot (n-s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \cdot \\
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_s - s - \mathbb{k} - I - j_{sa}^s)!}{(n_i + j_s - \mathbf{n} - \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik}-2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{s}} \sum_{j_{ik}=s-1}^{\binom{D-s}{s-1}} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{\binom{n}{n_i=n+k+I}}^{\binom{n}{n_i=n+k+I}} \sum_{\binom{n_i-j_{ik}-k_1+1}{n_{ik}=n+k_2+I-j_{ik}+1}}^{\binom{n_i-j_{ik}-k_1+1}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s=n+I-j_i+1}}^{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s=n+I-j_i+1}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{\binom{n-1}{s}} \sum_{j_{ik}=s}^{\binom{n-1}{s-1}} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{\binom{n}{n_i=n+k+I}}^{\binom{n}{n_i=n+k+I}} \sum_{\binom{n_i-j_{ik}-k_1+1}{n_{ik}=n+k_2+I-j_{ik}+1}}^{\binom{n_i-j_{ik}-k_1+1}{n_{ik}=n+k_2+I-j_{ik}+1}} \sum_{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s=n+I-j_i+1}}^{\binom{n_{ik}+j_{ik}-j_i-k_2}{n_s=n+I-j_i+1}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{\binom{D-s}{s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-s}{s-1}} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{\binom{n}{n_i=n+k+I}}^{\binom{n}{n_i=n+k+I}} \sum_{\binom{n_i-j_{ik}-k_1+1}{n_{ik}=n_i-j_{ik}-k_1+1}}^{\binom{n_i-j_{ik}-k_1+1}{n_{ik}=n_i-j_{ik}-k_1+1}} \sum_{\binom{n_s=n_{ik}+j_{ik}-j_i-k_2}{n_s=n_{ik}+j_{ik}-j_i-k_2}}^{\binom{n_s=n_{ik}+j_{ik}-j_i-k_2}{n_s=n_{ik}+j_{ik}-j_i-k_2}} \\
 & \frac{(n_i+j_s-s-k_1-k_2-I-j_{sa}^s)!}{(n_i+j_s-n-k_1-k_2-I-j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 2 \wedge k = k_1 + k_2 \vee$$



$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
&\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
&\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
&\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\
&\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}
\end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{ik} - j_s - s - k_2 - I)!}{(n_{ik} + j_{ik} - n - k_2 - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2 : z = 1 \wedge k = k_2 \Rightarrow$

$$a_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_{ik} + j_{ik} + \mathbb{k}_1 - j_s - s - \mathbb{k} - I)!}{(n_{ik} + j_{ik} + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} (n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - I - j_{sa}^s)!}{(n_{ik} + j_{ik} - n - \mathbb{k}_2 - I - j_{sa}^s)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}^{(\ )} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ &\left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right) \end{aligned}$$

$$\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^n \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^s \sum_{j_{ik}=j_{sa}^{ik}}^s \sum_{(j_i=s)}^s$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}+k_1-s-k-I-j_{sa}^s)!}{(n_{ik}+j_{ik}+k_1-n-k-I-j_{sa}^s)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^s \sum_{j_i=s}^s$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - I + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^s + 2)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\ &\frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \end{aligned}$$



$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)} \frac{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - I + 2)!}{(2 \cdot n_i + \mathbb{k}_2 - n_{ik} - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_{0S}^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1} \right)$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{ik}^s} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_i - j_s - s - k_2 - I - 1)!}{(n_{ik} + j_i - n - k_2 - I - j_{ik}^s - 1)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
&\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
&\quad \left. \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)}^{\mathbf{n}} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
&\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)}
\end{aligned}$$

$$\frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}}{(n_{ik} + j_i + k_1 - j_s - s - k - I - 1)!} \\ \frac{(n_{ik} + j_i + k_1 - n - k - I - j_{sa}^s - 1)! \cdot (n - s)!}{(n_{ik} + j_i + k_1 - n - k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{s^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}^{(\ )} \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\ \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right. \\ \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) + \\ \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\ )} \sum_{j_i=j_{ik}+1}^n$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\ )} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
& \frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - I - j_{sa}^s)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_i + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(\ )} \sum_{(j_{ik} = s - 1)} \sum_{j_i = s} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k}_2 - 1} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{(\ )} \sum_{j_i = j_{ik} + 2}^{\mathbf{n}} \right)
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_{ik}+j_{sa}^{ik}+\mathbb{k}_1-s-\mathbb{k}-I-j_{sa}^s)!}{(n_{ik}+j_i+\mathbb{k}_1-n-\mathbb{k}-I-j_{sa}^s-1)! \cdot (n+j_{sa}^{ik}-s-j_i+1)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)}^{(\mathbf{n}-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i - n_{ik} - j_s - j_i - s - 2 \cdot k_1 - k_2 - I + 3)!}{(2 \cdot n_i - n_{ik} - j_i - n - 2 \cdot k_1 - k_2 - I - j_{sa}^s + 3)! \cdot (n-s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$



$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_i - s - 2 \cdot k - I + 3)!}{(2 \cdot n_i + k_2 - n_{ik} - j_i - n - 2 \cdot k - I - j_{sa}^s + 3)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_s+j_i-j_s-s-I)!}{(n_s+j_i-n-I-j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - I - j_{sa}^s)!}{(n_s + j_i - n - I - j_{sa}^s)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2 : z = 1 \wedge k = k_2 \Rightarrow$$

$$a_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!}$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}^{(\ )} \\
& \frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 2)!}{(2 \cdot n_i - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}^{(\ )}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} (2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot k - I + 2)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot k - I - j_{sa}^s + 2)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned} 0_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) + \end{aligned}$$

$$\begin{aligned}
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \cdot \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 3 \cdot k_1 - 2 \cdot k_2 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s + 3)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
 {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=s}^{(n)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!}
 \end{aligned}$$



$$\begin{aligned}
& \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 3)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \\ &\frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \\ &\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\ &\left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \right. \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\sigma_S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=s} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 &\sum_{\substack{(n) \\ (n_i=n+k+I)}} \sum_{\substack{(n_i-j_{ik}-k_1+1) \\ (n_{ik}=n+k_2+I-j_{ik}+1)}} \sum_{\substack{n_{ik}+j_{ik}-j_i-k_2 \\ n_s=n+I-j_i+1}} \\
 &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 &\sum_{\substack{(n) \\ (n_i=n+k+I)}} \sum_{\substack{(n_i-j_{ik}-k_1+1) \\ (n_{ik}=n+k_2+I-j_{ik}+1)}} \sum_{\substack{n_{ik}+j_{ik}-j_i-k_2 \\ n_s=n+I-j_i+1}} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 &\sum_{\substack{(n) \\ (n_i=n+k+I)}} \sum_{\substack{(n_i-j_{ik}-k_1+1) \\ (n_{ik}=n+k_2+I-j_{ik}+1)}} \sum_{\substack{n_{ik}+j_{ik}-j_i-k_2 \\ n_s=n+I-j_i+1}} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Big) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot k_1 - 2 \cdot k_2 - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s)! \cdot (n-s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\begin{aligned}
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot k - k_1 - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - k_1 - I - j_{sa}^s)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \left. \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \right. \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \right. \\
 & \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \right. \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$



$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \mathbb{k}_2 - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} o_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \Bigg) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_s - j_i - s - 2 \cdot k - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot k_1 - n_s - j_i - n - 2 \cdot k - I - j_{sa}^s)! \cdot (n-s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot$$

$$\frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
& \quad \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} + \right. \\
& \quad \left. \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
& \quad \left. \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \right. \\
& \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \right. \\
& \quad \left. \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \right. \\
& \quad \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} \right) - \\
& \quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2 \cdot \mathbb{k}_2-\mathbb{k}_1-I)!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-\mathbf{n}-2 \cdot \mathbb{k}_2-\mathbb{k}_1-I-j_{sa}^s)! \cdot (\mathbf{n}-s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}^{(\quad)} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + n_{ik} + j_{ik} + \mathbb{k}_1 - n_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(n_i + n_{ik} + j_s + j_{ik} + \mathbb{k}_1 - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^D \sum_{j_{ik}=j_{sa}^{ik}}^D \sum_{(j_i=j_{ik}+1)}^D$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{(n)}$$

$$\frac{(n_s + j_{ik} - j_s - s - I + 1)!}{(n_s + j_{ik} - n - I - j_{sa}^s + 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(D)} \sum_{(j_{ik}=s-1)}^{(D)} \sum_{j_i=s}^{(D)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+1-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+1-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
& \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+1-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+1-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+1)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \quad \frac{(n_s - \mathbf{I} - j_{sa}^s)!}{(n_s + j_{ik} - \mathbf{n} - \mathbf{I} - j_{sa}^s + 1)! \cdot (\mathbf{n} - j_{ik} - 1)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \end{aligned}$$



$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} - \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 1)!}{(2 \cdot n_i - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}-\mathbb{k}_2-1}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{n-1} \sum_{j_i=j_{ik}+1}^n \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i-k_2}^{n_{ik}+j_{ik}-j_i-k_2} \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \left. \right) - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{ik}^s} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k - I + 1)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k - I - j_{ik}^s + 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\
& \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}^{(n)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{(n)}
\end{aligned}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 4)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}^{( )} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\ &\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \left( \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s + 2)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$

$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{ik}^s} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot k - k_1 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot k - k_1 - I - j_{ik}^s + 4)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\
 &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\
 &\quad \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \\
 &\quad \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 &\quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
 &\quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
 &\quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 &\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 &\quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}^{(\ )} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(\ )} \sum_{j_i=j_{ik}+1}^n \right) \end{aligned}$$



$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} - \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}}{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}} \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-\mathbf{n}-1)! \cdot (\mathbf{n}-j_i)!} +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0\mathcal{S}^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\
&\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
&\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\
&\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \right. \\
&\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
&\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
&\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) - \\
&\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!}
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot k_1 - 2 \cdot k_2 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - I)! \cdot (n-s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
& \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{ik}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{ik}^s - 1)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \\
& \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} +
\end{aligned}$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=s-1}^{\binom{D-s-j_s}{j_{ik}}} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{\binom{n}{n_i=n+\mathbb{k}+I}}^{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}}^{\binom{n_i-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}} \sum_{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}{n_s=n+I-j_i+1}}^{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}{n_s=n+I-j_i+1}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} + \\
 & \sum_{j_s=1}^{\binom{n-1}{j_s}} \sum_{j_{ik}=s}^{\binom{n-1}{j_{ik}}} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{\binom{n}{n_i=n+\mathbb{k}+I}}^{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}}^{\binom{n_i-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}} \sum_{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}{n_s=n+I-j_i+1}}^{\binom{n_{ik}+j_{ik}-j_i-\mathbb{k}_2}{n_s=n+I-j_i+1}} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \\
 & \left. \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \frac{(n_s-1)!}{(n_s+j_i-n-1)! \cdot (n-j_i)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-s-j_s}{j_{ik}}} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{\binom{n}{n_i=n+\mathbb{k}+I}}^{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{D-s-j_s-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}}^{\binom{D-s-j_s-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{\binom{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}}^{\binom{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\quad \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\quad \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)}^{(\mathbf{n}-1)} \sum_{j_i=j_{ik}+1}^n \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right) \end{aligned}$$

$$\frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot k - k_1 - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot k - k_1 - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot$$



$$\begin{aligned}
& \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
& \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \mathbb{k}_2 - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{ISO} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s} \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \right. \\ &\left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - \mathbf{n} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \Bigg) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + n_{ik} - n_s - s - 2 \cdot k_2 - k_1 - I - 1)!}{(n_i + n_{ik} + j_s - n_s - n - 2 \cdot k_2 - k_1 - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$0_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \\
 & \left. \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \frac{(n_s - 1)!}{(n_s + j_i - n - 1)! \cdot (n - j_i)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i + n_{ik} + \mathbb{k}_1 - n_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(n_i + n_{ik} + j_s + \mathbb{k}_1 - n_s - n - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (n - s)!}
 \end{aligned}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{\binom{n+j_{sa}^{ik}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{\binom{n}{n_i}} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.
 \end{aligned}$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\left( \frac{(n_i - s - k - I)!}{(n_i - n - k - I)! \cdot (n - s)!} \right)_{j_i}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2 : z = 1 \wedge k = k_2 \Rightarrow$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^n \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \left( \frac{(n_i - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - s)!} \right)_{j_i}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$



$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i-s-\mathbb{k}-I)!}{(n_i-n-\mathbb{k}-I)! \cdot (n-s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} 0_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}^{(\ )} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \end{aligned}$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{lk}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n+l_{k_2}+I-j_{ik}+1)}^{(n_i-j_{ik}-l_{k_1}+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-l_{k_2}} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^D \sum_{j_{ik}=j_{sa}^{ik}}^D \sum_{(j_i=s)}^D \\
 & \sum_{(n_i=n+l_k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-l_{k_1}+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-l_{k_2}}^{( )} \\
 & \frac{(n_i + j_s - j_i - l_k - I - j_{sa}^s)!}{(n_i - n - l_k - I)! \cdot (n + j_s - j_i - j_{sa}^s)!}
 \end{aligned}$$

$D \geq n < n \wedge l_k = 0 \wedge I = I \wedge s = s + I \vee$

$I = l_k + I \wedge s > 1 \wedge l_k > 0 \wedge I > 1 \wedge s = s + l_k + I \wedge l_{k_2}: z = 2 \wedge l_k = l_{k_1} + l_{k_2} \vee$

$I = l_k + I \wedge s > 1 \wedge l_{k_2} > 0 \wedge l_{k_1} = 0 \wedge I > 1 \wedge s = s + l_k + I \wedge$

$l_{k_2}: z = 1 \wedge l_k = l_{k_2} \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{lk})}^{( )} \sum_{j_i=s}^{( )}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_s - j_i - k_1 - k_2 - I - j_{sa}^s)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_s - j_i - j_{sa}^s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$o_S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{k}-I-2 \cdot j_{sa}^s)!}{(n_i-n-\mathbb{k}-I)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2 \cdot j_{sa}^s)!}
 \end{aligned}$$



$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-\mathbb{k}_1-\mathbb{k}_2-I-2 \cdot j_{sa}^s)!}{(n_i-n-\mathbb{k}_1-\mathbb{k}_2-I)! \cdot (n+2 \cdot j_s+j_{sa}^{ik}-j_{ik}-j_i-2 \cdot j_{sa}^s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + j_i + j_{sa}^s - j_s - 2 \cdot s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} 0_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=s}^{(\quad)} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(\mathbf{n}+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_i + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - 2 \cdot s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s - k - I)!}{(n_i - n - k - I)! \cdot (n + 2 \cdot j_i + j_{sa}^s + j_{sa}^{ik} - j_s - j_{ik} - 3 \cdot s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s-\mathbb{k}_1-\mathbb{k}_2-I)!}{(n_i-n-\mathbb{k}_1-\mathbb{k}_2-I)! \cdot (n+2 \cdot j_i+j_{sa}^s+j_{sa}^{ik}-j_s-j_{ik}-3 \cdot s)!}
 \end{aligned}$$



$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+j_s+j_{sa}^{ik}-j_{ik}-s-\mathbb{k}-I-j_{sa}^s)!}{(n_i-n-\mathbb{k}-I)! \cdot (n+j_s+j_{sa}^{ik}-j_{ik}-s-j_{sa}^s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
 \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + j_s + j_{sa}^{ik} - j_{ik} - s - \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^s)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (n + j_s + j_{sa}^{ik} - j_{ik} - s - j_{sa}^s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right.$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^D \sum_{j_{ik}=j_{sa}^{ik}}^D \sum_{(j_i=s)}^D \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{( )} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k - I)!}{(n_i - n - k - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=s}^D$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - j_{sa}^{ik} - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2; z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2; z = 1 \wedge k = k_2 \Rightarrow$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s = 1}^{(n + j_{sa}^{ik} - s)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{n} \sum_{j_i = j_{ik} + s - j_{sa}^{ik}}^n \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = n + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)} \\
 & \sum_{(n_i = n + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
 & \frac{(n_i + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I)!}{(n_i - n - \mathbb{k} - I)! \cdot (n + 2 \cdot j_{ik} + j_{sa}^s - j_s - j_i - 2 \cdot j_{sa}^{ik})!}
 \end{aligned}$$



$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik}-\mathbb{k}_1-\mathbb{k}_2-I)!}{(n_i-n-\mathbb{k}_1-\mathbb{k}_2-I)! \cdot (n+2 \cdot j_{ik}+j_{sa}^s-j_s-j_i-2 \cdot j_{sa}^{ik})!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \right. \\
& \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \right. \\
& \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
\end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_{ik} - j_i - k - I - j_{sa}^{ik})!}{(n_i - n - k - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} o_{S^{iso}} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \end{aligned}$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} - j_i - k_1 - k_2 - I - j_{sa}^{ik})!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} - j_i - j_{sa}^{ik})!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s - k - I)!}{(n_i - n - k - I)! \cdot (n + j_i + j_{sa}^{ik} - j_{ik} - 2 \cdot s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$o_{S^{ISO}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s-k_1-k_2-I)!}{(n_i-n-k_1-k_2-I)! \cdot (n+j_i+j_{sa}^{ik}-j_{ik}-2 \cdot s)!}
 \end{aligned}$$



$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(\mathbf{n}+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(\mathbf{n}+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \right. \\ &\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\left. \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right) \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \left( \frac{(n_i-s-\mathbb{k}-I)!}{(n_i-n-\mathbb{k}-I)! \cdot (n-s)!} \right)_{j_i}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) \Bigg) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sA}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \left( \frac{(n_i - s - k_1 - k_2 - I)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n - s)!} \right)_{j_i}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right) \right) \end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{\mathbf{n}} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i - s - \mathbb{k} - I)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right.
 \end{aligned}$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sA}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i - s - \mathbb{k}_1 - \mathbb{k}_2 - I)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{n-1} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i \neq I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(D-s)} \sum_{j_{ik}=j_{sa}^{ik}}^{(D-s)} \sum_{(j_i=j_{ik}+1)}^{(D-s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{( )} \\
 & \frac{(n_i + j_s - j_{ik} - k - I - j_{sa}^s - 1)!}{(n_i - n - k - I)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$



$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{\text{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}^{(\cdot)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
&\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
&\quad \left. \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \right. \\
&\quad \left. \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)
\end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+k+I)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)} \frac{(n_i + j_s - j_{ik} - k_1 - k_2 - I - j_{sa}^s - 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_s - j_{ik} - j_{sa}^s - 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{\binom{n}{(n_i=n+k+I)}} \sum_{\binom{(n_i-j_{ik}-k_1+1)}{(n_{ik}=n+k_2+I-j_{ik}+1)}} \sum_{n_s=n+I-j_i+1} \sum_{(i=I+1)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
& \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
& \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k} - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \right) \end{aligned}$$

$$\begin{aligned}
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - \mathbb{k}_1 - \mathbb{k}_2 - I - 2 \cdot j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + 2 \cdot j_s + j_{sa}^{ik} - 2 \cdot j_i - 2 \cdot j_{sa}^s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{ISO} &= \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.
\end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) \Bigg) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=\mathbf{n}_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - \mathbb{k} - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right) \right) \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot s - k_1 - k_2 - I + 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot s + 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}$$



$$\begin{aligned}
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
& \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
& \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
& \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right.
\end{aligned}$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - k - I + 1)!}{(n_i - n - k - I)! \cdot (n + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_2: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)$$

$$\begin{aligned}
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s - \mathbb{k}_1 - \mathbb{k}_2 - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (\mathbf{n} + j_i + j_{sa}^s + j_{sa}^{ik} - j_s - 3 \cdot s + 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i + j_s + j_{sa}^{ik} - j_i - s - \mathbb{k} - I - j_{sa}^s + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_s + j_{sa}^{ik} - j_i - s - j_{sa}^s + 1)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s} \sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1}} \sum_{n_s=\mathbf{n}+I-j_i+1} \sum_{\binom{()}{i=I+1}}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_i+j_s+j_{sa}^{ik}-j_i-s-\mathbb{k}_1-\mathbb{k}_2-I-j_{sa}^s+1)!}{(n_i-n-\mathbb{k}_1-\mathbb{k}_2-I)! \cdot (n+j_s+j_{sa}^{ik}-j_i-s-j_{sa}^s+1)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \right. \\ &\left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\left. \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \right) \end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + \mathbf{I})}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbf{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + \mathbf{I} - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = \mathbf{I} + 1)}^{(n + \mathbf{I} - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + \mathbf{I})}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(n)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
 & \frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - \mathbb{k} - \mathbf{I} - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - \mathbf{I})! \cdot (\mathbf{n} + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{(j_{ik} = s - 1)}^{( )} \sum_{j_i = s}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + \mathbf{I})}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + \mathbf{I} - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + \mathbf{I} - j_i + 1}^{n_{ik} - \mathbb{k}_2 - 1} \sum_{(i = \mathbf{I} + 1)}^{(n + \mathbf{I} - j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$



$$\begin{aligned}
 & \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) + \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sA}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - k_1 - k_2 - I - 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_i + j_{sa}^s - j_s - j_{sa}^{ik} - s - 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} o_{S^{ISO}} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}^{(\ )} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right) \right) \end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^n \sum_{j_{ik}=j_{sa}^{ik}}^n \sum_{(j_i=j_{ik}+1)}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}^n \\
& \frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - \mathbb{k} - I - 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^n \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}^n$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right.
 \end{aligned}$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - k_1 - k_2 - I - 1)!}{(n_i - n - k_1 - k_2 - I)! \cdot (n + j_{ik} + j_{sa}^s - j_s - 2 \cdot j_{sa}^{ik} - 1)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$

$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_{SISO} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{n-1} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i \neq I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(D-s)} \sum_{j_{ik}=j_{sa}^{ik}}^{(D-s)} \sum_{(j_i=j_{ik}+1)}^{(D-s)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i - k - I - j_{sa}^{ik} - 1)!}{(n_i - n - k - I)! \cdot (n - j_{sa}^{ik} - 1)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}^{(\cdot)} \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)} \\
 &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 &\quad \left. \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \right. \\
 &\quad \left. \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\
 &\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\mathbf{I}+1)}^{(n+\mathbf{I}-j_i)} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)
 \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{()}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(n_i - \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^{ik} - 1)!}{(n_i - n - \mathbb{k}_1 - \mathbb{k}_2 - I)! \cdot (n - j_{sa}^{ik} - 1)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=n+\mathbb{k}+I}} \sum_{\binom{n_i-j_{ik}-\mathbb{k}_1+1}{n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1}} \sum_{n_s=n+I-j_i+1} \sum_{\binom{n+I-j_i}{i=I+1}}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{\binom{()}{j_{ik}=s-1}} \sum_{j_i=j_{ik}+2}^n \right)$$



$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s = 1}^{(n-1)} \sum_{(j_{ik} = s)}^{\mathbf{n}} \sum_{j_i = j_{ik} + 1}^{\mathbf{n}} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
 & \frac{(n_i + j_{sa}^{ik} - 2 \cdot s - \mathbb{k} - I + 1)!}{(n_i - \mathbf{n} - \mathbb{k} - I)! \cdot (\mathbf{n} + j_{sa}^{ik} - 2 \cdot s + 1)!}
 \end{aligned}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=s}^{(n)} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right) \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i+j_{sa}^{ik}-2 \cdot s-k_1-k_2-I+1)!}{(n_i-n-k_1-k_2-I)! \cdot (n+j_{sa}^{ik}-2 \cdot s+1)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

$$o_{Siso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!} \cdot \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})}^{\binom{D-s}{j_{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \quad \sum_{j_s=1}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{j_{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
 & \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-s}{j_{ik}}} \sum_{(j_i=s)}^{\mathbf{n}}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(n_i + j_s - s - k - I - j_{sa}^s)!}{(n_i + j_s - n - k - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 V$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned} 0_S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \end{aligned}$$

$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
& \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+\mathbf{I})}^{(\mathbf{n})} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(n_i + j_s - s - \mathbb{k}_1 - \mathbb{k}_2 - \mathbf{I} - j_{sa}^s)!}{(n_i + j_s - \mathbf{n} - \mathbb{k}_1 - \mathbb{k}_2 - \mathbf{I} - j_{sa}^s)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge \mathbf{I} = \mathbf{I} \wedge \mathbf{s} = s + \mathbf{I} \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{I} > 1 \wedge \mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$\mathbf{I} = \mathbb{k} + \mathbf{I} \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\begin{aligned}
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
& \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
& \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
& \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right.
\end{aligned}$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i + j_s - s - k - I - j_{sa}^s)!}{(n_i + j_s - n - k - I - j_{sa}^s)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\quad)} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)$$



$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_i + j_s - s - k_1 - k_2 - I - j_{sa}^s)!}{(n_i + j_s - n - k_1 - k_2 - I - j_{sa}^s)! \cdot (n - s)!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right. \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot
 \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \sum_{(n_i=n+k+I)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)} \frac{(n_{ik} + j_{ik} - j_s - s - k_2 - I)!}{(n_{ik} + j_{ik} - n - k_2 - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}_{0S}iso = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{(j_i=s)} \sum_{(n_i=n+k+I)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)} \sum_{(n_s=n+I-j_i+1)} \sum_{(i=I+1)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(n_{ik}+j_{ik}+\mathbb{k}_1-j_s-s-\mathbb{k}-I)!}{(n_{ik}+j_{ik}+\mathbb{k}_1-n-\mathbb{k}-I-j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(\mathbf{n}+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \end{aligned}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_{ik}+j_{sa}^{ik}-s-\mathbb{k}_2-I-j_{sa}^s)!}{(n_{ik}+j_{ik}-n-\mathbb{k}_2-I-j_{sa}^s)! \cdot (n+j_{sa}^{ik}-s-j_{ik})!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-\mathbb{k}_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-\mathbb{k}_1+1)!} \cdot \frac{(n_{ik}-n_s-\mathbb{k}_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-\mathbb{k}_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
& \left( \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\
& \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
& \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \quad \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
& \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} \right) + \\
& \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}
\end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_{ik} + j_{sa}^{ik} + k_1 - s - k - I - j_{sa}^s)!}{(n_{ik} + j_{ik} + k_1 - n - k - I - j_{sa}^s)! \cdot (n + j_{sa}^{ik} - s - j_{ik})!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})}^{(\ )} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$



$$\begin{aligned}
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{lk}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(2 \cdot n_i - n_{ik} - j_s - j_{ik} - s - 2 \cdot k_1 - k_2 - I + 2)!}{(2 \cdot n_i - n_{ik} - j_{ik} - n - 2 \cdot k_1 - k_2 - I - j_{sa}^s + 2)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{lk})} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_{ik} - s - 2 \cdot k - I + 2)!}{(2 \cdot n_i + k_2 - n_{ik} - j_{ik} - n - 2 \cdot k - I - j_{sa}^s + 2)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$

$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\left. \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \right)$$

$$\begin{aligned}
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_{ik} + j_i - j_s - s - k_2 - I - 1)!}{(n_{ik} + j_i - n - k_2 - I - j_{sa}^s - 1)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + \mathbf{I} \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge \mathbf{I} > 1 \wedge$$

$$s = s + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{(n_s=n_{ik}+j_{ik}-j_i-k_2)}$$

$$\frac{(n_{ik} + j_i + k_1 - j_s - s - k - I - 1)!}{(n_{ik} + j_i + k_1 - n - k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)} \\
 & \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\quad)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \\
 & \frac{(n_{ik} + j_{sa}^{ik} - s - \mathbb{k}_2 - I - j_{sa}^s)!}{(n_{ik} + j_i - \mathbf{n} - \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_i + 1)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \right) \end{aligned}$$



$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)} \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = j_{ik} + 1)}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(\cdot)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \frac{(n_{ik} + j_{sa}^{ik} + \mathbb{k}_1 - s - \mathbb{k} - I - j_{sa}^s)!}{(n_{ik} + j_i + \mathbb{k}_1 - \mathbf{n} - \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} + j_{sa}^{ik} - s - j_i + 1)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}_0S^{ISO} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{(\cdot)} \sum_{(j_{ik} = s - 1)} \sum_{j_i = s} \sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} - \mathbb{k}_2 - 1} \sum_{(i = I + 1)}^{(n + I - j_i)} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \quad + \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right) \\
 & \quad + \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=\mathbf{n}_{ik}+j_{ik}-j_i-\mathbb{k}_2} (2 \cdot n_i - n_{ik} - j_s - j_i - s - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - I + 3)!}{(2 \cdot n_i - n_{ik} - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_1 - \mathbb{k}_2 - I - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right) \right) \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\cdot)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i + k_2 - n_{ik} - j_s - j_i - s - 2 \cdot k - I + 3)!}{(2 \cdot n_i + k_2 - n_{ik} - j_i - n - 2 \cdot k - I - j_{sa}^s + 3)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)} \frac{(n_s + j_i - j_s - s - I)!}{(n_s + j_i - n - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=n+I-j_i+1)}^{(n_{ik}+j_{ik}-j_i-\mathbb{k}_2)} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s-I-j_{sa}^s)!}{(n_s+j_i-n-I-j_{sa}^s)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \end{aligned}$$



$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1} \sum_{j_{ik} = j_{sa}^{ik}} \sum_{(j_i = s)}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = n_i - j_{ik} - \mathbb{k}_1 + 1)}^{(n)} \sum_{n_s = n_{ik} + j_{ik} - j_i - \mathbb{k}_2}$$

$$\frac{(2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 2)!}{(2 \cdot n_i - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 2)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_z : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s = 1}^{( )} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_i = s}$$

$$\sum_{(n_i = \mathbf{n} + \mathbb{k} + I)}^{(n)} \sum_{(n_{ik} = \mathbf{n} + \mathbb{k}_2 + I - j_{ik} + 1)}^{(n_i - j_{ik} - \mathbb{k}_1 + 1)} \sum_{n_s = \mathbf{n} + I - j_i + 1}^{n_{ik} + j_{ik} - j_i - \mathbb{k}_2} \sum_{(i = I + 1)}^{(n + I - j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{s}} \sum_{(j_{ik}=j_{sa}^{ik})}^{\binom{D-s}{s}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \quad \sum_{j_s=1}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{s}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
 & \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{\binom{D-s}{s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-s}{s}} \sum_{(j_i=s)}^{\binom{D-s}{s}}
 \end{aligned}$$

$$\frac{\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} (2 \cdot n_i - n_s - j_s - j_i - s - 2 \cdot k - I + 2)!}{(2 \cdot n_i - n_s - j_i - n - 2 \cdot k - I - j_{sa}^s + 2)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + IV$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned} 0_S^{ISO} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(\mathbf{n} + j_{sa}^{ik} - s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(\mathbf{n}+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 3)! \cdot (\mathbf{n} - s)!}
 \end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_2: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}
 \end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - j_{ik} - j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 3)!}{(3 \cdot n_i - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 3)! \cdot (n - s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \end{aligned}$$



$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}^{(n)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_i - s - 2 \cdot k - I)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_i - n - 2 \cdot k - I - j_{sa}^s)! \cdot (n-s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_z: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})}^{\binom{D-s}{j_{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \quad \sum_{j_s=1}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{j_{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
 & \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-s}{j_{ik}}} \sum_{(j_i=s)}^{\mathbf{n}}
 \end{aligned}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 3 \cdot k_1 - 2 \cdot k_2 - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2: z = 1 \wedge k = k_2 \Rightarrow$

$$\begin{aligned} 0_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{n} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^D \sum_{j_{ik}=j_{sa}^{ik}}^D \sum_{(j_i=s)}^D \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}^{( )} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - s - 2 \cdot k - k_1 - I)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - j_{ik} - j_i - n - 2 \cdot k - k_1 - I - j_{sa}^s)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=j_{sa}^{ik})}^{( )} \sum_{j_i=s}^{( )}$$

$$\begin{aligned}
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(n)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right) \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
& \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot
\end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_s - j_i - s - 2 \cdot \mathbb{k}_2 - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} - n_s - j_i - n - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s)! \cdot (n - s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge \mathbb{k}_2 : z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_2 : z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \Rightarrow$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \frac{(n_{ik} - n_s - \mathbb{k}_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - \mathbb{k}_2)!}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(n+j_{sa}^{ik}-s)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!} \cdot \\
 & \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(2 \cdot n_{ik} + 2 \cdot j_{ik} + 2 \cdot \mathbb{k}_1 - n_s - j_i - n - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2: z = 2 \wedge k = k_1 + k_2 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_2: z = 1 \wedge k = k_2 \Rightarrow$$

$$\begin{aligned} {}^0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \frac{(n_{ik} - n_s - k_2 - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i - k_2)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\ &\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\sum_{j_s=1}^{(n+j_{sa}^{ik}-s)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^n \end{aligned}$$



$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik}-2)!}{(j_{ik}-j_{sa}^{ik})! \cdot (j_{sa}^{ik}-2)!} \cdot \frac{(j_i-j_{ik}-1)!}{(j_i+j_{sa}^{ik}-j_{ik}-s)! \cdot (s-j_{sa}^{ik}-1)!}$$

$$\frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) -$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_i+n_{ik}+j_{ik}-n_s-j_i-s-2 \cdot k_2-k_1-I)!}{(n_i+n_{ik}+j_s+j_{ik}-n_s-j_i-n-2 \cdot k_2-k_1-I-j_{sa}^s)! \cdot (n-s)!}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge k_2 : z = 2 \wedge k = k_1 + k_2 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_2 : z = 1 \wedge k = k_2 \Rightarrow$

$${}_0S^{iso} = \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i-n_{ik}-k_1-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}-k_1+1)!} \cdot \frac{(n_{ik}-n_s-k_2-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i-k_2)!}$$

$$\left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right)$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \left( \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik})}^{\binom{D-s}{j_s}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{\mathbf{n}} \right. \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) + \\
 & \quad \sum_{j_s=1}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{j_s}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\binom{\mathbf{n}+j_{sa}^{ik}-s}{j_s}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\mathbf{n}} \\
 & \quad \sum_{(n_i=\mathbf{n}+\mathbf{k}+\mathbf{I})}^{\binom{\mathbf{n}}{n_i}} \sum_{(n_{ik}=\mathbf{n}+\mathbf{k}_2+\mathbf{I}-j_{ik}+1)}^{(n_i-j_{ik}-\mathbf{k}_1+1)} \sum_{n_s=\mathbf{n}+\mathbf{I}-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbf{k}_2} \sum_{(i=\mathbf{I}+1)}^{(\mathbf{n}+\mathbf{I}-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - j_{sa}^{ik})! \cdot (j_{sa}^{ik} - 2)!} \cdot \frac{(j_i - j_{ik} - 1)!}{(j_i + j_{sa}^{ik} - j_{ik} - s)! \cdot (s - j_{sa}^{ik} - 1)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \quad \left( \frac{(n_s - \mathbf{I} - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - \mathbf{I} - 1)! \cdot (\mathbf{n} + \mathbf{I} - j_i - i)!} \cdot \frac{(i - 1)!}{(\mathbf{I} - 1)! \cdot (i - \mathbf{I})!} \right) - \\
 & \quad \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1}^{\binom{D-s}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-s}{j_s}} \sum_{(j_i=s)}^{\binom{D-s}{j_s}}
 \end{aligned}$$

$$\frac{\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=\mathbf{n}_{ik}+j_{ik}-j_i-\mathbb{k}_2} (n_i + n_{ik} + j_{ik} + \mathbb{k}_1 - n_s - j_i - s - 2 \cdot \mathbb{k} - I)!}{(n_i + n_{ik} + j_s + j_{ik} + \mathbb{k}_1 - n_s - j_i - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s)! \cdot (\mathbf{n} - s)!}$$

$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$$\begin{aligned} 0_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\ )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right) \right) \end{aligned}$$

$$\begin{aligned}
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(n_s + j_{ik} - j_s - s - I + 1)!}{(n_s + j_{ik} - n - I - j_{sa}^s + 1)! \cdot (n - s)!}
 \end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\begin{aligned}
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
 & \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{( )} \sum_{j_i=j_{ik}+1}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 & \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right.
 \end{aligned}$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(n_s - I - j_{sa}^s)!}{(n_s + j_{ik} - n - I - j_{sa}^s + 1)! \cdot (n - j_{ik} - 1)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=s}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)}^{(\ )} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
 & \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
 & \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot k_1 - 2 \cdot k_2 - I + 1)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s + 1)! \cdot (n - s)!}
 \end{aligned}$$

$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$

$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$

$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$

$$\mathbf{s} = \mathbf{s} + \mathbb{k} + \mathbf{I} \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\quad \left. \sum_{j_s=1}^{(\mathbf{n}-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \end{aligned}$$



$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)} \frac{(2 \cdot n_i - n_s - j_s - j_{ik} - s - 2 \cdot \mathbb{k} - I + 1)!}{(2 \cdot n_i - n_s - j_{ik} - n - 2 \cdot \mathbb{k} - I - j_{sa}^s + 1)! \cdot (n - s)!}$$

$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$

$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$

$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$

$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{()}{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{(n_s=n+I-j_i+1)} \sum_{(i=I+1)} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\quad)} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s + 4)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \right. \\ &\quad \left. \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \right. \\ &\quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \right. \\ &\quad \left. \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\ &\quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\ &\quad \left. \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=n+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \right) \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+k+I)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-k_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 3 \cdot k_1 - 2 \cdot k_2 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - n - 3 \cdot k_1 - 2 \cdot k_2 - I - j_{sa}^s + 2)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}^0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{\binom{n}{(n_i=n+k+I)}} \sum_{\binom{()}{(n_{ik}=n+k_2+I-j_{ik}+1)}} \sum_{n_s=n+I-j_i+1} \sum_{(i=I+1)} \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\begin{aligned}
 & \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \\
 & \quad \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \quad \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \\
 & \quad \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
 & \quad \left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) \right) - \\
 & \quad \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}
 \end{aligned}$$

$$\frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 4)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_i - \mathbf{n} - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s + 4)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge \mathbf{s} = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge \mathbf{s} > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$\mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_{S^{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\ &\sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{(n_s=\mathbf{n}+I-j_i+1)}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
& \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(3 \cdot n_i - n_{ik} - n_s - j_s - 2 \cdot j_{ik} - s - 2 \cdot k - k_1 - I + 2)!}{(3 \cdot n_i - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot k - k_1 - I - j_{sa}^s + 2)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=s}^{(n)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \cdot \\
 & \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -
 \end{aligned}$$



$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - \mathbf{n} - 2 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{\binom{(\cdot)}{j_{ik}=s-1}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_{ik}=\mathbb{k}_2-1} \sum_{\binom{(\cdot)}{n_{ik}-\mathbb{k}_2-1}} \sum_{n_s=\mathbf{n}+I-j_i+1} \sum_{\binom{(\cdot)}{i=I+1}}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1} \sum_{\binom{(\cdot)}{j_{ik}=s-1}} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\sum_{\binom{n}{n_i=\mathbf{n}+\mathbb{k}+I}} \sum_{\binom{(\cdot)}{n_i-j_{ik}-\mathbb{k}_1+1}} \sum_{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{\binom{(\cdot)}{n_{ik}+\mathbb{k}_2-1}} \sum_{n_s=\mathbf{n}+I-j_i+1} \sum_{\binom{(\cdot)}{i=I+1}}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!}$$

$$\begin{aligned}
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(2 \cdot n_i + j_s - n_s - j_{ik} - s - 2 \cdot k - I - 1)!}{(2 \cdot n_i + 2 \cdot j_s - n_s - j_{ik} - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n - s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{\text{iso}} &= \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
&\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
&\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
&\quad \frac{(D-s)!}{(D-\mathbf{n})!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^{\mathbf{n}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
&\quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
&\quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^{\mathbf{n}} \right. \\
&\quad \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
&\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right)
\end{aligned}$$

$$\left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_{S^{iso}} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=s}$$

$$\sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{n_s=n+I-j_i+1} \sum_{\binom{(n+I-j_i)}{(i=I+1)}}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{\binom{()}{(j_{ik}=s-1)}} \sum_{j_i=j_{ik}+2}^n \right.$$

$$\left. \sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{n_s=n+I-j_i+1} \sum_{\binom{(n+I-j_i)}{(i=I+1)}} \right)$$

$$\begin{aligned}
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^n \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=\mathbf{n}+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=\mathbf{n}+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
& \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
& \left( \frac{(n_s - I - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} - j_i)!} + \right. \\
& \left. \frac{(n_s - i - 1)!}{(n_s + j_i - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) - \\
& \frac{(D - s)!}{(D - \mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=\mathbf{n}+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
& \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - \mathbf{n} - 3 \cdot \mathbb{k}_1 - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}
\end{aligned}$$

$$D \geq \mathbf{n} < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z; z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
 {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\
 &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 &\quad \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\
 &\quad \left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \\
 &\quad \left. \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \right. \\
 &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right)
 \end{aligned}$$

$$\frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{(n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2)} \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I + 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_i - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$o_S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{()}{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{(n_s=n+I-j_i+1)} \sum_{(i=I+1)} \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right)$$

$$\begin{aligned}
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
 & \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)} \sum_{j_i=j_{ik}+1}^n \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \\
 & \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
 & \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
 & \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}^{(\ )} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \\
 & \frac{(3 \cdot n_i + 2 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - s - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - 1)!}{(3 \cdot n_i + 3 \cdot j_s - n_{ik} - n_s - 2 \cdot j_{ik} - n - 2 \cdot \mathbb{k} - \mathbb{k}_1 - I - j_{sa}^s - 1)! \cdot (n-s)!}
 \end{aligned}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$



$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} {}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-\mathbb{k}_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\quad \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{(\cdot)} \sum_{(j_{ik}=s-1)}^{(\cdot)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \right. \\ &\quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\ &\quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\ &\quad \sum_{(n_i=n+\mathbb{k}+I)}^{(n)} \sum_{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}^{(n_i-j_{ik}-\mathbb{k}_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \sum_{(i=I+1)}^{(n+I-j_i)} \end{aligned}$$

$$\frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -$$

$$\frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{()}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2} \frac{(2 \cdot n_{ik} + j_{ik} - n_s - j_s - s - 2 \cdot \mathbb{k}_2 - I - 1)!}{(2 \cdot n_{ik} + j_{ik} - n_s - n - 2 \cdot \mathbb{k}_2 - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge \mathbb{k} = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k} > 0 \wedge I > 1 \wedge s = s + \mathbb{k} + I \wedge$$

$$\mathbb{k}_z: z = 2 \wedge \mathbb{k} = \mathbb{k}_1 + \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = \mathbb{k} + I \wedge s > 1 \wedge \mathbb{k}_2 > 0 \wedge \mathbb{k}_1 = 0 \wedge I > 1 \wedge$$

$$s = s + \mathbb{k} + I \wedge \mathbb{k}_z: z = 1 \wedge \mathbb{k} = \mathbb{k}_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \sum_{j_s=1} \sum_{(j_{ik}=s-1)} \sum_{j_i=s}$$

$$\sum_{\binom{n}{(n_i=n+\mathbb{k}+I)}} \sum_{\binom{(n_i-j_{ik}-\mathbb{k}_1+1)}{(n_{ik}=n+\mathbb{k}_2+I-j_{ik}+1)}} \sum_{\binom{n_{ik}-\mathbb{k}_2-1}{n_s=n+I-j_i+1}} \sum_{\binom{(n+I-j_i)}{(i=I+1)}}$$

$$\frac{(n_i - n_{ik} - \mathbb{k}_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - \mathbb{k}_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right.$$

$$\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) +$$

$$\begin{aligned}
& \frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)}^{( )} \sum_{j_i=j_{ik}+2}^n \right. \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \\
& \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
& \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) + \\
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \left. \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \right. \\
& \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
& \left. \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) \right) -
\end{aligned}$$

$$\frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_s^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{( )} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2}$$

$$\frac{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - j_s - s - 2 \cdot k - I - 1)!}{(2 \cdot n_{ik} + j_{ik} + 2 \cdot k_1 - n_s - n - 2 \cdot k - I - j_{sa}^s - 1)! \cdot (n - s)!}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned} 0_S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\ &\left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\ &\frac{(D-s)!}{(D-n)!} \cdot \left( \sum_{j_s=1}^{( )} \sum_{(j_{ik}=s-1)} \sum_{j_i=j_{ik}+2}^n \right. \\ &\sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\ &\left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \right. \\ &\left. \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \right. \end{aligned}$$

$$\begin{aligned}
& \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
& \frac{(j_{ik}-2)!}{(j_{ik}-s+1)! \cdot (s-3)!} \cdot \\
& \frac{(n_i-n_{ik}-1)!}{(j_{ik}-2)! \cdot (n_i-n_{ik}-j_{ik}+1)!} \cdot \frac{(n_{ik}-n_s-1)!}{(j_i-j_{ik}-1)! \cdot (n_{ik}+j_{ik}-n_s-j_i)!} \cdot \\
& \left( \frac{(n_s-I-1)!}{(n_s+j_i-n-I-1)! \cdot (n-j_i)!} + \right. \\
& \left. \frac{(n_s-i-1)!}{(n_s+j_i-n-I-1)! \cdot (n+I-j_i-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right) - \\
& \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n_i-j_{ik}-k_1+1)}^{(n)} \sum_{n_s=n_{ik}+j_{ik}-j_i-k_2} \\
& \frac{(n_i+n_{ik}-n_s-s-2 \cdot k_2-k_1-I-1)!}{(n_i+n_{ik}+j_s-n_s-n-2 \cdot k_2-k_1-I-j_{sa}^s-1)! \cdot (n-s)!}
\end{aligned}$$

$$D \geq n < n \wedge k = 0 \wedge I = I \wedge s = s + I \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k > 0 \wedge I > 1 \wedge s = s + k + I \wedge$$

$$k_z: z = 2 \wedge k = k_1 + k_2 \wedge j_{ik} = j_i - 1 \vee$$

$$I = k + I \wedge s > 1 \wedge k_2 > 0 \wedge k_1 = 0 \wedge I > 1 \wedge$$

$$s = s + k + I \wedge k_z: z = 1 \wedge k = k_2 \wedge j_{ik} = j_i - 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s-1)} \sum_{j_i=s} \\
& \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}-k_2-1} \sum_{(i=I+1)}^{(n+I-j_i)}
\end{aligned}$$

$$\begin{aligned}
 & \frac{(n_i - n_{ik} - k_1 - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} - k_1 + 1)!} \cdot \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \frac{(D - s)!}{(D - n)!} \cdot \left( \sum_{j_s=1}^{(n)} \sum_{(j_{ik}=s-1)}^{(n)} \sum_{j_i=j_{ik}+2}^n \right. \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \left. \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \right) \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) + \\
 & \quad \sum_{j_s=1}^{(n-1)} \sum_{(j_{ik}=s)}^{(n-1)} \sum_{j_i=j_{ik}+1}^n \cdot \\
 & \quad \sum_{(n_i=n+k+I)}^{(n)} \sum_{(n_{ik}=n+k_2+I-j_{ik}+1)}^{(n_i-j_{ik}-k_1+1)} \sum_{n_s=n+I-j_i+1}^{n_{ik}+j_{ik}-j_i-k_2} \sum_{(i=I+1)}^{(n+I-j_i)} \\
 & \quad \frac{(j_{ik} - 2)!}{(j_{ik} - s + 1)! \cdot (s - 3)!} \cdot \\
 & \quad \frac{(n_i - n_{ik} - 1)!}{(j_{ik} - 2)! \cdot (n_i - n_{ik} - j_{ik} + 1)!} \cdot \frac{(n_{ik} - n_s - 1)!}{(j_i - j_{ik} - 1)! \cdot (n_{ik} + j_{ik} - n_s - j_i)!} \cdot \\
 & \quad \left( \frac{(n_s - I - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n - j_i)!} + \right. \\
 & \quad \left. \frac{(n_s - i - 1)!}{(n_s + j_i - n - I - 1)! \cdot (n + I - j_i - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right) -
 \end{aligned}$$

$$\frac{(D-s)!}{(D-\mathbf{n})!} \cdot \sum_{j_s=1} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=j_{ik}+1)}$$

$$\sum_{\binom{n}{(n_i=\mathbf{n}+\mathbb{k}+I)}} \sum_{\binom{(\ )}{(n_{ik}=n_i-j_{ik}-\mathbb{k}_1+1)}} \sum_{n_s=n_{ik}+j_{ik}-j_i-\mathbb{k}_2}$$

$$\frac{(n_i + n_{ik} + \mathbb{k}_1 - n_s - s - 2 \cdot \mathbb{k} - I - 1)!}{(n_i + n_{ik} + j_s + \mathbb{k}_1 - n_s - \mathbf{n} - 2 \cdot \mathbb{k} - I - j_{sa}^s - 1)! \cdot (\mathbf{n} - s)!}$$

GÜLDÜNYA

$$D \geq n < n \wedge I = I + \mathbb{k} \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z : z > 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S^{iso} &= \prod_{z=3}^s \sum_{(j_i)_{1=2}}^{(j_{ik})_{3-1}} \sum_{(j_{ik})_{z-1=z-1}}^{(j_i)_{z-1-1}} \sum_{((j_i)_{z-1=z} \vee z=s \Rightarrow s)}^{(j_{ik})_{z+1-1} \vee n} \\
 &\sum_{n_i=n+\mathbb{k}+I}^n \sum_{((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{\mathbb{k}_i-(j_i)_1} \vee z=s \Rightarrow n+\sum_{i=2}^{s-1} \mathbb{k}_i+I-(j_i)_1+1)}^{(n_i-(j_i)_1-\sum_{i=1}^{\mathbb{k}_i+1})} \\
 &\sum_{((n_{ik})_{z-2}+(j_{ik})_{z-2}-(j_{ik})_{z-1}-\sum_{i=z-2}^{\mathbb{k}_i})}^{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^{\mathbb{k}_i-(j_{ik})_{z-1}} \vee z=s \Rightarrow n+\sum_{i=z-1}^{s-1} \mathbb{k}_i+I-(j_{ik})_{z-1}+1} \\
 &\sum_{((n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^{\mathbb{k}_i-1})}^{((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^{\mathbb{k}_i-(j_i)_{z-1}} \vee z=s \Rightarrow n+\sum_{i=z}^{s-1} \mathbb{k}_i+I-(j_i)_{z-1}+1)} \\
 &\frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-n)!} \\
 &\frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot \frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \\
 &\frac{((n_s)_{z=s}-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-n-1)! \cdot (n-(j_i)_{z=s})!}
 \end{aligned}$$

$$D \geq n < n \wedge I = I + \mathbb{k} \wedge s > 1 \wedge I > 1 \wedge \mathbb{k} > 0 \wedge \mathbf{s} = s + \mathbb{k} + I \wedge \mathbb{k}_z : z > 1 \Rightarrow$$

$$\begin{aligned}
 {}^0S^{iso} &= \prod_{z=3}^s \sum_{(j_i)_{1=2}}^{(j_{ik})_{3-1}} \sum_{(j_{ik})_{z-1=z-1}}^{(j_i)_{z-1-1}} \sum_{((j_i)_{z-1=z} \vee z=s \Rightarrow s)}^{(j_{ik})_{z+1-1} \vee n} \\
 &\sum_{n_i=n+\mathbb{k}+I}^n \sum_{((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{\mathbb{k}_i-(j_i)_1} \vee z=s \Rightarrow n+\sum_{i=2}^{s-1} \mathbb{k}_i+I-(j_i)_1+1)}^{(n_i-(j_i)_1-\sum_{i=1}^{\mathbb{k}_i+1})}
 \end{aligned}$$



$$\begin{aligned}
 & \frac{(n_{ik})_{z-2} + (j_{ik})_{z-2} - (j_{ik})_{z-1} - \sum_{i=z-2}^{\mathbb{k}_i}}{\sum_{(n_{ik})_{z-1} = (n_s)_{z-1} + (j_i)_{z-1} + \sum_{i=z-1}^{\mathbb{k}_i} - (j_{ik})_{z-1} \vee z=s \Rightarrow \mathbf{n} + \sum_{i=z-1}^{s-1} \mathbb{k}_i + I - (j_{ik})_{z-1} + 1}} \\
 & \frac{\sum_{(n_s)_{z-1} = (n_{ik})_{z-1} + (j_{ik})_{z-1} - (j_i)_{z-1} - \sum_{i=z-1}^{\mathbb{k}_i}} \binom{(\quad)}{\quad}}{\sum_{i=I+1}^{n+I-(j_i)_{z=s}}} \\
 & \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!} \\
 & \frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \\
 & \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \\
 & \frac{((n_s)_{z=s} - i - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - \mathbf{n} - I - 1)! \cdot (\mathbf{n} + I - (j_i)_{z=s} - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} + \\
 & \prod_{z=3}^s \sum_{(j_i)_1=2}^{(j_{ik})_3-1} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{(j_i)_{z-1}=z \vee z=s \Rightarrow s}^{(j_{ik})_{z+1}-1 \vee \mathbf{n}} \\
 & \sum_{n_i = \mathbf{n} + \mathbb{k} + I}^n \sum_{(n_{ik})_1 = (n_s)_2 + (j_i)_2 + \sum_{i=2}^{\mathbb{k}_i} - (j_i)_1 \vee z=s \Rightarrow \mathbf{n} + \sum_{i=2}^{s-1} \mathbb{k}_i + I - (j_i)_1 + 1}^{(n_i - (j_i)_1 - \sum_{i=1}^{\mathbb{k}_i} + 1)} \\
 & \frac{(n_{ik})_{z-2} + (j_{ik})_{z-2} - (j_{ik})_{z-1} - \sum_{i=z-2}^{\mathbb{k}_i}}{\sum_{(n_{ik})_{z-1} = (n_s)_{z-1} + (j_i)_{z-1} + \sum_{i=z-1}^{\mathbb{k}_i} - (j_{ik})_{z-1} \vee z=s \Rightarrow \mathbf{n} + \sum_{i=z-1}^{s-1} \mathbb{k}_i + I - (j_{ik})_{z-1} + 1}} \\
 & \frac{\sum_{(n_s)_{z-1} = (n_s)_z + (j_i)_z + \sum_{i=z}^{\mathbb{k}_i} - (j_i)_{z-1} \vee z=s \Rightarrow \mathbf{n} + \sum_{i=z}^{s-1} \mathbb{k}_i + I - (j_i)_{z-1} + 1} \binom{(n_{ik})_{z-1} + (j_{ik})_{z-1} - (j_i)_{z-1} - \sum_{i=z-1}^{\mathbb{k}_i} - 1}}{\sum_{i=I+1}^{n+I-(j_i)_{z=s}}} \\
 & \frac{(D-s)!}{(D-s-(j_i)_1+2)!} \cdot \frac{(D-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(D-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(D-(j_i)_{z=s})!}{(D-\mathbf{n})!}
 \end{aligned}$$

$$\frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \cdot \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \cdot \left( \frac{((n_s)_{z=s} - I - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - n - I - 1)! \cdot (n - (j_i)_{z=s})!} + \frac{((n_s)_{z=s} - i - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - n - I - 1)! \cdot (n + I - (j_i)_{z=s} - i)!} \cdot \frac{(i - 1)!}{(I - 1)! \cdot (i - I)!} \right)$$

$$D \geq n < n \wedge I = I + k \wedge s > 1 \wedge I > 1 \wedge k > 0 \wedge s = s + k + I \wedge k_z : z > 1 \Rightarrow$$

$${}_0S^{iso} = \frac{(D - s)!}{(D - n)!} \cdot \frac{1}{(n - s)!} \cdot \prod_{z=3}^s \sum_{(j_i)_1=2}^{((j_{ik})_3-1)} \sum_{(j_{ik})_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{(j_i)_{z-1}=z \vee z=s \Rightarrow s}^{((j_{ik})_{z+1}-1) \vee n} \sum_{n_i=n+k+I}^n \sum_{(n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^{k_i} k_i - (j_i)_1 \vee z=s \Rightarrow n+\sum_{i=2}^{s-1} k_i + I - (j_i)_1 + 1}^{(n_i - (j_i)_1 - \sum_{i=1}^{k_i} k_i + 1)} \sum_{(n_{ik})_{z-2}+(j_{ik})_{z-2} - (j_{ik})_{z-1} - \sum_{i=z-2}^{k_i} k_i}^{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^{k_i} k_i - (j_{ik})_{z-1} \vee z=s \Rightarrow n+\sum_{i=z-1}^{s-1} k_i + I - (j_{ik})_{z-1} + 1} \sum_{((n_{ik})_{z-1}+(j_{ik})_{z-1} - (j_i)_{z-1} - \sum_{i=z-1}^{k_i} k_i - 1)}^{((n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^{k_i} k_i - (j_i)_{z-1} \vee z=s \Rightarrow n+\sum_{i=z}^{s-1} k_i + I - (j_i)_{z-1} + 1)} \frac{(n - s)!}{(n - s - (j_i)_1 + 2)!} \cdot \frac{(n - s - (j_{ik} - j_{sa}^{ik})_{z-1})!}{(n - s - (j_i)_{z-1} + (j_{ik})_{z-1} - (j_{ik} - j_{sa}^{ik})_{z-1} + 1)!} \cdot \frac{(n - (j_i)_{z=s})!}{(n - n)!} \cdot \frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \cdot \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \cdot \frac{((n_s)_{z=s} - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - n - 1)! \cdot (n - (j_i)_{z=s})!}$$

$$D \geq n < n \wedge I = I + k \wedge s > 1 \wedge I > 1 \wedge k > 0 \wedge s = s + k + I \wedge k_z : z > 1 \Rightarrow$$

$$\begin{aligned}
{}_0S^{iso} &= \frac{(D-s)!}{(D-n)!} \cdot \frac{1}{(n-s)!} \cdot \prod_{z=3}^s \sum_{((j_i)_1=2)}^{((j_{ik})_{3-1})} \sum_{(j_i)_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee n)} \\
&\quad \sum_{n_i=n+k+I}^n \sum_{((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^k k_i - (j_i)_1 \vee z=s \Rightarrow n+\sum_{i=2}^{s-1} k_i + I - (j_i)_1 + 1)}^{(n_i - (j_i)_1 - \sum_{i=1}^k k_i + 1)} \\
&\quad \sum_{(n_{ik})_{z-2}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^k k_i - (j_{ik})_{z-1} \vee z=s \Rightarrow n+\sum_{i=z-1}^{s-1} k_i + I - (j_{ik})_{z-1} + 1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2} - (j_{ik})_{z-1} - \sum_{i=z-2}^k k_i} \\
&\quad \sum_{((n_s)_{z-1}=(n_{ik})_{z-1}+(j_{ik})_{z-1} - (j_i)_{z-1} - \sum_{i=z-1}^k k_i)}^{(n_{ik})_{z-1}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^k k_i - (j_{ik})_{z-1} \vee z=s \Rightarrow n+\sum_{i=z-1}^{s-1} k_i + I - (j_{ik})_{z-1} + 1} \\
&\quad \sum_{i=I+1}^{n+I-(j_i)_{z=s}} \\
&\quad \frac{(n-s)!}{(n-s-(j_i)_1+2)!} \cdot \frac{\left( n-s - (j_{ik} - j_{sa}^{ik})_{z-1} \right)!}{\left( n-s - (j_i)_{z-1} + (j_{ik})_{z-1} - (j_{ik} - j_{sa}^{ik})_{z-1} + 1 \right)!} \cdot \frac{(n-(j_i)_{z=s})!}{(n-n)!} \\
&\quad \frac{(n_i - (n_{ik})_1 - 1)!}{((j_i)_1 - 2)! \cdot (n_i - (n_{ik})_1 - (j_i)_1 + 1)!} \\
&\quad \frac{((n_{ik})_{z-1} - (n_s)_{z-1} - 1)!}{((j_i)_{z-1} - (j_{ik})_{z-1} - 1)! \cdot ((n_{ik})_{z-1} + (j_{ik})_{z-1} - (n_s)_{z-1} - (j_i)_{z-1})!} \\
&\quad \frac{((n_s)_{z=s} - i - 1)!}{((n_s)_{z=s} + (j_i)_{z=s} - n - I - 1)! \cdot (n + I - (j_i)_{z=s} - i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} + \\
&\quad \frac{(D-s)!}{(D-n)!} \cdot \frac{1}{(n-s)!} \cdot \prod_{z=3}^s \sum_{((j_i)_1=2)}^{((j_{ik})_{3-1})} \sum_{(j_i)_{z-1}=z-1}^{(j_i)_{z-1}-1} \sum_{((j_i)_{z-1}=z \vee z=s \Rightarrow s)}^{((j_{ik})_{z+1}-1 \vee n)} \\
&\quad \sum_{n_i=n+k+I}^n \sum_{((n_{ik})_1=(n_s)_2+(j_i)_2+\sum_{i=2}^k k_i - (j_i)_1 \vee z=s \Rightarrow n+\sum_{i=2}^{s-1} k_i + I - (j_i)_1 + 1)}^{(n_i - (j_i)_1 - \sum_{i=1}^k k_i + 1)} \\
&\quad \sum_{(n_{ik})_{z-2}=(n_s)_{z-1}+(j_i)_{z-1}+\sum_{i=z-1}^k k_i - (j_{ik})_{z-1} \vee z=s \Rightarrow n+\sum_{i=z-1}^{s-1} k_i + I - (j_{ik})_{z-1} + 1}^{(n_{ik})_{z-2}+(j_{ik})_{z-2} - (j_{ik})_{z-1} - \sum_{i=z-2}^k k_i}
\end{aligned}$$

$$\begin{aligned}
 & \sum_{(n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^k k_i-(j_i)_{z-1} \vee z=s \Rightarrow n+\sum_{i=z}^{s-1} k_i+I-(j_i)_{z-1}+1} \frac{(n_{ik})_{z-1}+(j_{ik})_{z-1}-(j_i)_{z-1}-\sum_{i=z-1}^k k_i-1}{(n_s)_{z-1}=(n_s)_z+(j_i)_z+\sum_{i=z}^k k_i-(j_i)_{z-1} \vee z=s \Rightarrow n+\sum_{i=z}^{s-1} k_i+I-(j_i)_{z-1}+1} \\
 & \sum_{i=I+1}^{n+I-(j_i)_{z=s}} \\
 & \frac{(n-s)!}{(n-s-(j_i)_1+2)!} \cdot \frac{(n-s-(j_{ik}-j_{sa}^{ik})_{z-1})!}{(n-s-(j_i)_{z-1}+(j_{ik})_{z-1}-(j_{ik}-j_{sa}^{ik})_{z-1}+1)!} \cdot \frac{(n-(j_i)_{z=s})!}{(n-n)!} \\
 & \frac{(n_i-(n_{ik})_1-1)!}{((j_i)_1-2)! \cdot (n_i-(n_{ik})_1-(j_i)_1+1)!} \cdot \frac{((n_{ik})_{z-1}-(n_s)_{z-1}-1)!}{((j_i)_{z-1}-(j_{ik})_{z-1}-1)! \cdot ((n_{ik})_{z-1}+(j_{ik})_{z-1}-(n_s)_{z-1}-(j_i)_{z-1})!} \\
 & \left( \frac{((n_s)_{z=s}-I-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-n-I-1)! \cdot (n-(j_i)_{z=s})!} + \frac{((n_s)_{z=s}-i-1)!}{((n_s)_{z=s}+(j_i)_{z=s}-n-I-1)! \cdot (n+I-(j_i)_{z=s}-i)!} \cdot \frac{(i-1)!}{(I-1)! \cdot (i-I)!} \right)
 \end{aligned}$$

## BİR BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde  $\{1, 0, 0, 0\}$ , bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrisinin başladığı durum bulunan dağılımlardan düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısı; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımın başladığı duruma göre tek simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bir bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrisinin başladığı durum bulunan dağılımlarda ilk düzgün olmayan simetrik bulunmama olasılığı için,

$${}^0S^{ISO,B} = {}_{0,T}S_1^1 - {}^0S^{ISO}$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bir bağımlı durumla başlayıp bağımsız durumlarla bittiğinde; simetrisinin bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrisinin bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına **bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı  ${}^0S^{ISO,B}$  ile gösterilecektir.

## BAĞIMLI-BAĞIMSIZ DURUMLU İLK DÜZGÜN OLMAYAN SİMETRİK BULUNMAMA OLASILIĞI

Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde  $\{1, 2, 0, 0, 3, 0, 0, 0\}$  veya  $\{1, 2, 3, 0, 0, 0\}$ , bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrisinin başladığı durum bulunan dağılımlardan düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısı; bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımın başladığı duruma göre tek simetrik olasılıktan, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik olasılığın çıkarılmasına eşit olur. Simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlardan, simetrisinin başladığı bağımlı durumla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumu simetrisinin başladığı durum bulunan dağılımlarda ilk düzgün olmayan simetrik bulunmama olasılığı için,

$${}^0S^{ISO,B} = {}_{0,T}S_1^1 - {}^0S^{ISO}$$

eşitliği elde edilir. Bu eşitliğe bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılık eşitliği denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli dağılımlarda, simetri bağımlı durumla başlayıp, bağımsız durumlarla bittiğinde; simetrisinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrisinin ilk bağımlı durumu olan dağılımlardan, düzgün olmayan simetrik durumların bulunmadığı dağılımların sayısına **bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı** denir. Bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bağımlı-bağımsız durumlu ilk düzgün olmayan simetrik bulunmama olasılığı  ${}^0S^{ISO,B}$  ile gösterilecektir.

## BÖLÜM E1 İLK DÜZGÜN OLMAYAN SİMETRİK OLASILIK

### ÖZET

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli olasılık dağılımlarından, simetrisinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrisinin ilk bağımlı durumu bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; ilk simetrik olasılıktan, ilk düzgün simetrik olasılığın farkına eşit olur.

$$S^{iso} = S^{is} - S^{iss}$$

veya

$${}_0S^{iso} = {}_0S^{is} - {}_0S^{iss}$$

veya

$${}^0S^{iso} = {}^0S^{is} - {}^0S^{iss}$$

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli olasılık dağılımlarından, bağımsız durumla başlayıp sonraki ilk bağımlı durumunda simetrisinin ilk bağımlı durumu bulunan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki ilk simetrik olasılıktan, ilk düzgün simetrik olasılığın farkına eşit olur.

$$S_0^{iso} = S_0^{is} - S_0^{iss}$$

veya

$${}_0S_0^{iso} = {}_0S_0^{is} - {}_0S_0^{iss}$$

veya

$${}^0S_0^{iso} = {}^0S_0^{is} - {}^0S_0^{iss}$$

- Bağımlı ve bir bağımsız olasılıklı büyük farklı dizimli olasılık dağılımlarından, simetrisinin ilk bağımlı durumuyla başlayan dağılımlardaki, düzgün olmayan simetrik olasılıklar; aynı dağılımlardaki ilk simetrik olasılıktan, ilk düzgün simetrik olasılıkların farkına eşit olur.

$$S_D^{iso} = S_D^{is} - S_D^{iss}$$

veya

$${}_0S_D^{iso} = {}_0S_D^{is} - {}_0S_D^{iss}$$

veya

$${}^0S_D^{iso} = {}^0S_D^{is} - {}^0S_D^{iss}$$

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VDOİHİ'de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ'de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. Bu cilt, bağımlı ve bir bağımsız olasılıklı büyük farklı dizilimli bir bağımlı-bağımsız ve bağımlı-bağımsız durumlu simetrisinin ilk düzgün olmayan simetrik olasılığı ve ilk düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Büyük Farklı Dizilimli Bir Bağımlı-Bağımsız ve Bağımlı-Bağımsız Durumlu Simetrisinin İlk Düzgün Olmayan Simetrik Olasılık kitabında, bağımlı durum sayısı, bağımlı olay sayısından büyük farklı dizilimli dağılımlar ve bir bağımsız olasılıklı dağılımla elde edilebilecek yeni olasılık dağılımlarından, simetrisinin ilk bağımlı durumuyla başlayan ve bağımsız durumla başlayıp ilk bağımlı durumu simetrisinin ilk bağımlı durumu olan dağılımlarda, bir bağımlı-bağımsız ve bağımlı-bağımsız durumlardan oluşan simetrisinin; düzgün olmayan simetrik olasılıkları ve düzgün olmayan simetrik bulunmama olasılıklarının tanım ve eşitlikleri verilmektedir.

VDOİHİ'nin bu cildinde verilen ilk düzgün olmayan simetrik olasılık eşitlikleri teorik yöntemle üretilmiştir. Tanım ve eşitliklerin üretilmesinde dış kaynak kullanılmamıştır.