

VDOİHİ

Bağımlı Olasılıklı Farklı Dizilimsiz
Dağılımlarda Simetrinin Durumlarının
Bulunabileceği Olaylara Göre Tek
Kalan Simetrik Bitişik-Ayrım
Bulunmama Olasılığı

Cilt 1.9.4

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GÜLDÜNYA

2021

Matematik / İstatistik / Olasılık

ISBN: 978-625-7235-80-8

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**VDOİHİ Bağımlı Olasılıklı Farklı Dizilimsiz Dağılımlarda Simetrisinin Durumlarının
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e-Basım, s. XXXI + 1189

Kaynakça yok, izin var

ISBN: 978-625-7235-80-8

1. Bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı 2. Simetrisinin bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı 3. Simetrisinin iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı 4. Simetrisinin üç durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı 5. Simetrisinin dört durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama 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 deneysel bilgi yapılarıyla birlikte matematik mantık yapıları üzerine çalışmalar yapmıştır. Yazarın lisans alanlarında yapmış olduğu çalışmalar arasında ölçme ve değerlendirmeye yönelik çalışmaları mevcuttur.

Yazar ve VDOİHİ

Yazar doktora tez çalışmasına kadar, dijital makinalarla sayısallaştırılabilir fakat insan tarafından sayısallaştırılmayan verileri, anlamlı ve küçük parça (akp)'lara ayırıp skorlandırarak, sayısallaştırma problemini çözmüştür. Aynı zamanda küçük parçaların Türkçe kısaltmasını olasılığın birimlendirilebilir olmasından dolayı, olasılık birimini akp olarak belirlemiştir. Matematikinin başlangıçta olasılık olan tüm bağımlı değişkenlerde olabileceği gibi aynı zamanda enformasyonunda temeli olasılık olduğunda enformasyon içeriğinin de doğal birimi akp'dir.

Verilerin objektif lojik semplicitéde sayısallaştırılması, **Veri Değişkenleri Olasılık ve İhtimal Hesaplama İstatistiği (VDOİHİ)** geliştirilmeye başlanmıştır. Doktora tezinin nitel verilerini, bir ilk olarak, $-1, 0, 1$ skorlarını sayısallaştırarak iki tabanlı olasılığı sınıflandırıp; pozitif, negatif (ve negatiflerdeki pozitif skorlar için ayrıca eşitlik tanımlaması yapılarak), ilişkisiz ve sıfır skor aşamalarını değerlendirme yöntemi geliştirmiştir. Bu yöntemin tüm kavramlarının; tanımları ve formüllerini sınırları belirlenip, kendi içinde tam bir matematiği geliştirilip, uygulamaları veri elde edilmiş, verilerin hem değerlendirmeleri hem de bulguların sözel ifadelerini veren yazılım paket programı yapılarak, bir disiplinin tüm yönleri yazar tarafından gerçekleştirilerek dokorasını bilim tarihinde yine bir ilk ile tamamlamıştır. Nitel verilerden elde edilebilen bulguların sözel ifadelerini veren yazılım paket programı gerçekleştirilmesi gerekli yapay zekanın ilk örneğidir.

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

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

Günümüze kadar yaşayan dillerde 10 kavram bile kazandırabilen hemen hemen yokken, yayınlanan VDOİHİ ciltlerinde (ciltler 2.2.1, 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 tanımlarla birlikte, eşitlikleri de verilmiştir. Bu düzeyde yani bilimsel düzeyde bilimsel kavramlar Türkçe olarak kazandırılmıştır. Yayınlanacak VDOİHİ'lerde bilimsel Türkçe kazandırılacak kavramların on binler düzeyinde olacağı öngörülmektedir.

VDOİHİ'de verilen kavramlar aynı zamanda dillerinde eşitlikleridir. Diğer bir ifadeyle dillerin matematik yapıları VDOİHİ ile ortaya çıkarılmıştır. Türkçe ve İngilizcenin olasılık yapıları VDOİHİ'ye belirlenerek, formüllerin dillere (ağırlıklı Türkçe) uygulamalarıyla hem dillerin objektif yapıları belirginleştiriliyor hem de makina-insan arası iletişimde, makinaların iletişim dili olarak 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 birey 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 epistemolojik seviyesi (0. epistemolojik seviye) en azından 1. epistemolojik seviye bilgilerin birlikte verildiği ya ilk yada ilk örneklerinden biri VDOİHİ'dir. Bu kapsamda VDOİHİ'de şuana kadar yaklaşık 1000 kavramın, bilime kazandırıldığı yukarıda belirtilmiştir. Bu kapsamda yeni 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 işlem 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; $\sum_{i=1}^n F_i$) yapıları verilmektedir. Sabit değişkenli eşitliklerle, bilim ve teknolojiye katkı sağlanırken, geleceğin bilim ve teknolojisinde ilave duyulabilecek eşitlik yapıları kasıtlı olarak aktiflenmiş veya geliştirilmiştir.

İnsanın hem öğrenmesinin desteklenmesi hem de bilginin teknolojiyle ilişkisini kurabilmesi için özellikle VDOİHİ Soru Problemleri ve çözümleri ciltlerinde, soru ve problem birbirinden ayrı olarak yeniden tanımlanıp sınırları belirlenmiştir. Böylece örnek, soru, problem ve ispat arasındaki farklar belirginleşmiştir. Ayrıca yine insanın hem öğrenmesinin desteklenmesi hem de bilginin teknolojiyle ilişkisini daha kesin kurabilmesi için Sertaç ÖZEL'in İlmi Semboller eserinin M5-M6 sayfalarında verilen epistemolojik seviye tanımları, örnek, soru, problem ve ispatlara uyarlanmıştır. Böylece; örnek, soru, problem ve ispatların epistemolojikleriyle, hem bilgiyle-öğrenme arasında hem de bilgi-teknoloji arasında yeni 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'den 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 teknolojisinin temel matematiği kurulmuştur. Bundan sonraki aşama bilginin-ürüne dönüşme aşamasıdır. Ayrıca VDOİHİ’de özellikle uyum eşitlikleri kullanılarak farklı dağılım türlerine geçişin yapılabileceği eşitliklerde verilerek, dijital teknoloji yerine kurulacak her tabanda ve/veya her dağılım türünde çalışan teknolojinin istenildiğinde de hem farklı taban hem de farklı dağılım türlerine geçişinin yapılabileceği matematik eşitlikleri de verilmiştir. Böylece tek bir tabana dayalı dijital teknoloji yerine, sonsuz çalışma prensibine dayalı elektronik teknolojinin dinsel-matematiksel yapısı VDOİHİ ile kurulmuş ve kurulmaya devam etmektedir.

VDOİHİ’de verilen eşitlikler aynı zamanda en küçük biyolojik birimden itibaren planlı temel biyolojik birimin “genetiğin” temel matematiğidir. En küçük biyolojik birim olarak DNA alındığında, VDOİHİ’de verilen eşitlikler DNA, RNA, Protein, ve teknolojinin 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 yapıların laboratuvar ortamlarında üretiminin planlı ve kontrollü yapılabilmesinde ihtiyaç duyulacak temel eşitliklerdir. Böylece bir canlının, örneğin insanın, tüm düzeyden 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 dinsel, etik, ahlaki ve diğer aşamalarda da doğru kararların verilmesi gerekir. Fakat organların v.b. biyolojik yapıların laboratuvar ortamında üretilmesinin önünde benzeri aşamaların engel olması söylenemez. İhtiyaç halinde bir insanın; organının, sisteminin veya uzvunun v.b. her şeyiyle aynıısının 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 değeri olduğunu düşünmemiz gerekir. Bu yaradan’ın bize ulaşabilmemiz için verdiği bir imkandır. Eğer ulaşılması mümkün değilseydi, bizim öyle bir imkanımızda olamazdı. Fakat bilginin, bizim ulaşabileceğimiz bilgi olması yani gerçeğin bilgisi olması, her zaman ve her durumda uygulanabilir olacaktır. Umarım yapmak ile yaratmak birbirine karıştırılmaz!

VDOİHİ’de hem sonradan çalışma prensibine dayalı elektronik teknolojisinin matematiksel yapısı hem de Telifli eserlerinde ve VDOİHİ’de, ilk defa yapay zeka çağının kapılarını aralayan çalışmalar yapılmıştır. VDOİHİ cilt 2.1.1’in giriş bölümünde yapay zeka ve çağının tanımını yaparak, kütüphane ve referans bilgileriyle ilişkilendirilmiştir. Daha sonra VDOİHİ ve Telifli eserlerinde insanlığın gelişimini ivmelendirecek; yapay zeka görev kodları, verilerin analizleri, zeka 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 üretilen 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 dokümanlar üretme çalışması başta olmak üzere belirli çalışmalarında kütüphane bilgisinin ileri sürülmesi başarıldığından, b) ilk defa VDOİHİ ve Telifli eserlerinde referans bilgisi üreten yazarlar başarıldığından ve c) yapay zekanın gereksinim duyabileceği diğer teknoloji yerine, masuz çalışma prensibine dayalı elektronik teknolojisinin bilimsel-matematiksel yapısı yazar tarafından geliştirildiğinden, insanlığın bugüne kadar uyguladığı teknolojiler 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 "gerçek zeka çağı" olarak adlandırılmalıdır.

Yazar tarafından VDOİHİ'de, Cebirde günümüze; a) bilimsel gelişim, olması gereken veya olabilecek gelişime göre düşük olduğundan, b) teorik çalışmaların omurgasının matematiğe terk edilmesi ve matematikçilerinde üzerlerine düşeni yerine getirememelerinden dolayı, c) yapay zeka karşısında bunları düşünülmesinin önüne geçilebilmesi ve d) kainatın en kompleks birimi olan insan beynine dokunulması 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 tanımlanması 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 tanımlanması yapılarak VDOİHİ'de yasa/eşitliklerin, olasılık eşitlikleri üzerinden genel yapıları verilmiştir.

Yazar tarafından VDOİHİ Bağımlı ve Bir Bağımsız Olasılıklı Farklı Dizilimsiz Simetrik Bulunmam 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 şuurulluğun ork or modelinin özetinin gösterildiği grafikten yararlanılmıştır. Doğada rastlanmayan fakat kuantum sayılarıyla ulaşılabilen atomlara ait bilgilerimiz, gerçek zaman ufku ötesi bilgilerimizin, gerçekleştirilmiş olanlarıdır. Gerçekleştirilebilecek olanlarından biri ise kainatın herhangi bir

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

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

Yazar VDOİHİ'nin ciltlerini, Türkçe ve insanlığın tek evrensel dili olan matematiksel dilde yazmaktadır. Yazar eserlerinden insanlığın aynı niteliklerle yazılabilmesi için her kişiye eşit mesafede ve anlaşılabilirlikte olan günümüze kadar insanlığı geliştiremediği 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 gerekli mühenk taşı gören zavallılar sınıfı
- ✓ Baskın dillerin, dünya dili olabilmesi
- ✓ VDOİHİ ve Telifli eserlerin verilen eşitlik ve yaş belirleme yazılımlarıyla, gerçeklerden uzak ve ufuksuz sözde akademisyenler insanlığın tahammülü
- ✓ Bilim ve teknolojide sermayeye olan bağlılık
- ✓ Sermaye birikiminin önemi
- ✓ Primitif ölçme ve değerlendirme

Sanırım bilgi ve teknolojideki kaderimiz vermiş ve ilişkilendirilmiş.

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GÜLDÜNYA

Simge ve Kısaltmalar

n : olay sayısı

n : bağımlı olay sayısı

m : bağımsız olay sayısı

l : bağımsız durum sayısı

I : simetrimin bağımsız durum sayısı

ll : simetrimin bağımlı durumlarından önce bulunan bağımsız durum sayısı

I : simetrimin bağımlı durumlarından sonra bulunan bağımsız durum sayısı

lk : simetrimin bağımlı durumları arasındaki bağımsız durumların sayısı

k : dağılımın başladığı bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

l : ilgilenilen bağımlı durumun bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

i : simetrimin ilk bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımın son olayı için sırası. Simetrimin sonuncu bağımlı olayındaki durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

l_i : simetrimin son bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrimin birinci bağımlı olayındaki durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

l_s : simetrimin ilk bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz

dağılımlardaki sırası. Simetrimin sonuncu bağımlı olayındaki durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

l_{ik} : simetrimin aranaacağı durumdan önce bulunan bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası veya simetride, simetrimin iki bağımlı durumu arasında bağımsız durum bulunduğunda, bağımsız durumdan önceki bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

l_a : simetrimin aranaacağı bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası. Simetrimin aranaacağı bağımlı olayındaki durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlardaki sırası

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

j_i : simetrimin son bağımlı durumunun, bağımlı olasılıklı farklı dizilimsiz dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası

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

j_{ik} : simetrimin ikinci olayındaki durumun, gelebileceği olasılıklı farklı dizilimsiz dağılımlardaki sırası (son olaydan ilk olaya doğru) veya simetride, simetrimin aranaacağı durumdan önce bulunan bağımlı durumun, bağımlı olasılıklı farklı dizilimsiz dağılımlarda bulunabileceği olayların, son olaydan itibaren sırası veya simetrimin 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

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

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

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

j_{sa} : simetriyi oluşturan bağımlı durumlar arasında simetrimin son durumuna arandığı durumun bulunduğu olayın, simetrimin 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

f_z : farklı dizilimsiz olayın durum sayısı

$f_z D_s$: olaya gelebilecek son durumun sırası veya simetrimin başladığı durumun son olay için dağılımdaki sırası

s : simetrimin bağımlı durum sayısı

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

m : olasılık

M : olasılık dağılım sayısı

s_i : olasılık dağılımı

S^B : simetrik bulunmama olasılığı

$S_{j_s, j_{ik}, j_{sa}}^B$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimli simetrik bulunmama olasılığı

$S_{j_s}^B$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimli simetrik bulunmama olasılığı

$S_{j_i}^B$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimli simetrik bulunmama olasılığı

S_{j_s, j_i}^B : simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimli simetrik bulunmama olasılığı

$S_{j_s, j_{sa}}^B$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimli simetrik bulunmama olasılığı

S_{j_{ik}, j_i}^B : simetrimin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimli simetrik bulunmama olasılığı

$S_{j_{sa} \leftarrow}^B$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizimli simetrik bitişik bulunmama olasılığı

$S_{j_s a}^{DSD,B}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün simetrik bulunmama olasılığı

$S_{art j_s a}^B$: simetrisinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

$S_{j_s, art j_s a}^B$: simetrisinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

S_{j_s, j_i}^B : simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

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

$S_{j_s, j_s a}^B$: simetrisinin ilk herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

$S_{j_s a}^{DSD,B}$: simetrisinin ilk herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik bulunmama olasılığı

$S_{j_{ik}, j_s a}^B$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

$S_{j_s, j_s a}^{DSD,B}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün simetrik bulunmama olasılığı

$S_{j_s, j_{ik}, j_s a}^B$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

$S_{j_s, j_{ik}, j_s a}^{DSD,B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli düzgün simetrik bulunmama olasılığı

$S_{\leftarrow j_s, j_{ik}, j_s a}^B$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimli simetrik bitişik bulunmama olasılığı

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

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

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

$S_{j_s a}^B \Rightarrow$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım bulunmama olasılığı

$S_{art j_s a}^B \Rightarrow$: simetrisinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimli simetrik ayırım bulunmama olasılığı

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

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

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

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

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

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

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

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

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

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

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

$S_{j^{sa}}^{DOSD, B}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimli düzgün olmayan simetrik bulunmama olasılığı

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

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

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

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

S_{j_s, j_i}^B : simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimli simetrik bitişik-ayrı bulunmama olasılığı

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

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

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

$f_z S_{j_i}^B$: simetrisinin son durumunun bulunabileceği olaylara göre bağımlı

olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

$fzS_{j^{sa}}^B$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

fzS_{j_s, j_i}^B : simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

$fzS_{j_s, j^{sa}}^B$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^B$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

fzS_{j_{ik}, j_i}^B : simetrimin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^B$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

fzS_{j_s, j_{ik}, j_i}^B : simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^B$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bulunmama olasılığı

$fzS_{j_i}^B$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j^{sa}}^B$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{art, j^{sa}}^B$: simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j_s, art, j^{sa}}^B$: simetrimin ilk durumuna göre herhangi art arda durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

fzS_{j_s, j_i}^B : simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j^{sa}}^B$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^B$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^B$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{=j_s, j_{ik}, j^{sa}}^B$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

fzS_{j_s, j_{ik}, j_i}^B : simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{\leftarrow j_s, j_{ik}, j_i}^B$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i \leftarrow}^B$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{\leftarrow j_s, j_{ik}, j^{sa}, j_i \leftarrow}^B$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{\leftarrow j_s, j_{ik}, j^{sa}, j_i \leftarrow}^B$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik bulunmama olasılığı

$fzS_{j_i \Rightarrow}^B$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_i \Rightarrow}^B$: simetrimin son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i \Rightarrow}^B$: simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, art, j^{sa} \Rightarrow}^B$: simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_i \Rightarrow}^B$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j^{sa} \Rightarrow}^B$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_{ik}, j^{sa} \Rightarrow}^B$: simetrimin ilk herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i \Rightarrow}^B$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa} \Rightarrow}^B$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i \Rightarrow}^B$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j_i \Rightarrow}^B$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i \Rightarrow}^B$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i \Rightarrow}^B$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği

olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_{ik}, j^{sa}, j_i}^B$: simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik ayırım bulunmama olasılığı

$fzS_{j_i}^B$: simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j^{sa}}^B$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{art j^{sa}}^B$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, art j^{sa}}^B$: simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

fzS_{j_s, j_i}^B : simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j^{sa}}^B$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^B$: simetrinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^B$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}}^B$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

fzS_{j_s, j_{ik}, j_i}^B : simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_i}^B$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

fzS_{j_s, j^{sa}, j_i}^B : simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^B$: simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_{ik}, j^{sa}, j_i}^B$: simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_i}^{I, B}$: simetrinin son durumunun bulunabileceği olaylara göre bağımlı

olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{jsa}^{iS,B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{js,ji}^{iS,B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{js,jsa}^{iS,B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{jik,jsa}^{iS,B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{jik,ji}^{iS,B}$: simetrimin herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{js,jsa}^{iS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{js,jik,jsa}^{iS,B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{js,jik,ji}^{iS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bulunmama olasılığı

$fzS_{ji}^{iS,B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı

olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{jsa}^{iS,B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{artjsa}^{iS,B}$: simetrimin art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{js,artjsa}^{iS,B}$: simetrimin ilk ve herhangi bir durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{js,ji}^{iS,B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{js,jsa}^{iS,B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{jik,jsa}^{iS,B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{js,jik,jsa}^{iS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{js,jik,ji}^{iS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{iS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{=j_s, j_{ik}, j_i}^{iS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{=j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{=j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik bulunmama olasılığı

$fzS_{j_i}^{iS, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j^{sa}}^{iS, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{artj^{sa}}^{iS, B}$: simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_s, artj^{sa}}^{iS, B}$: simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_i}^{iS, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{iS, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^{iS, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{iS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{=j_s, j_{ik}, j^{sa}}^{iS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{iS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{=j_s, j_{ik}, j_i}^{iS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik ayırım bulunmama olasılığı

$fzS_{j_i}^{iS, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j^{sa}}^{iS, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{art j^{sa}}^{iS, B}$: simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_i, j^{sa}}^{iS, B}$: simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_i}^{iS, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{iS, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^{iS, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{iS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}}^{iS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_i}^{iS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j_i}^{iS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{iS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_{ik}j^{sa}, j_i}^{iS,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_i}^{iSS,B}$: simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j^{sa}}^{iSS,B}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{iSS,B}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{iSS,B}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_{ik}j^{sa}}^{iS}$: simetrisinin herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}j^{sa}}^{iSS,B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{iSS,B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}j_i}^{iSS,B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}j_i}^{iSS,B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}j^{sa}, j_i}^{iSS,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j^{sa}, j_i}^{iSS,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_s, \Rightarrow j_{ik}j^{sa}, j_i}^{iSS,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün simetrik bulunmama olasılığı

$fzS_{j_i}^{iSO,B}$: simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j^{sa}}^{iSO,B}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{iSO,B}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{ISO, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^{ISO, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{ISO, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{ISO, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{ISO, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_{ik}, j_i}^{ISO, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{ISO, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{ISO, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{ISO, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz ilk düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j^{sa}, j_i}^{DST, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{DST, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^{DST, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_{ik}, j_i}^{DST, B}$: simetrimin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DST, B, sa}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DST, B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i, j_i}^{DST, B, sa}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fzS_{j_i}^{DST, B}$: simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B, sa}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{art, j_s, j_i}^{DST, B, sa}$: simetrisinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, art, j_s, j_i}^{DST, B, sa}$: simetrisinin ilk durumu göre herhangi art arda iki durumuyla bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B, sa}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B, sa}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_{ik}, j_i}^{DST, B, sa}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DST, B, sa}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DST, B, sa}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B, sa}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B, sa}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i, j_i}^{DST, B, sa}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i, j_i}^{DST, B, sa}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_s, j_i, j_i}^{DST, B, sa}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı

dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fzS_{j_i \Rightarrow}^{DST,B}$: simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j^{sa} \Rightarrow}^{DST,B}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{artj^{sa} \Rightarrow}^{DST,B}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s,artj^{sa} \Rightarrow}^{DST,B}$: simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s,j_i \Rightarrow}^{DST,B}$: simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s,j^{sa} \Rightarrow}^{DST,B}$: simetrinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_{ik},j_i \Rightarrow}^{DST,B}$: simetrinin ilk herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s,j_{ik},j^{sa} \Rightarrow}^{DST,B}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s,j_{ik},j^{sa} \Rightarrow}^{DST,B}$: simetrinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı

olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s,j_{ik},j_i \Rightarrow}^{DST,B}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s,j_{ik},j_i \Rightarrow}^{DST,B}$: simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_{ik},j^{sa},j_i \Rightarrow}^{DST,B}$: simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s,j_{ik},j^{sa},j_i \Rightarrow}^{DST,B}$: simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s,j^{sa},j_i \Rightarrow}^{DST,B}$: simetrinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_i \Leftrightarrow}^{DST,B}$: simetrinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j^{sa} \Leftrightarrow}^{DST,B}$: simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{artj^{sa} \Leftrightarrow}^{DST,B}$: simetrinin art arda durumlarına bağlı bağımlı olasılıklı farklı

dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, art}^{DST, B, j^{sa} \Leftrightarrow}$: simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_i}^{DST, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j^{sa} \Leftrightarrow}^{DST, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_{ik}, j^{sa} \Leftrightarrow}^{DST, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa} \Leftrightarrow}^{DST, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa} \Leftrightarrow}^{DST, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_i}^{DSST, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i \Leftrightarrow}^{DST, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı

bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i \Leftrightarrow}^{DST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i \Leftrightarrow}^{DST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i \Leftrightarrow}^{DST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı

$fzS_{j_i}^{DST, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j^{sa} \Leftrightarrow}^{DSST, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DSST, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j^{sa} \Leftrightarrow}^{DSST, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_{ik}, j^{sa} \Leftrightarrow}^{DSST, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı

dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{DSST, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, j_{ik}, j^{sa}}^{DSST, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DSST, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, j_{ik}, j_i}^{DSST, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DSST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DSST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, \in j_{ik}, j^{sa}, j_i}^{DSST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_i}^{DOST, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j^{sa}}^{DOST, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DOST, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DOST, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DOST, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{DOST, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\in j_s, j_{ik}, j^{sa}}^{DOST, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

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$fz_{\Rightarrow j_s, \Rightarrow j_{ik}, j^{sa}, j_i}^{DOST, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan düzgün olmayan simetrik bulunmama olasılığı

$fz_{j_i}^{DS}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j^{sa}}^{DS, B}$: simetrimin son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_s, j_i}^{DS, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_s, j^{sa}}^{DS, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre

bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_{ik}, j^{sa}}^{DS, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_{ik}, j_i}^{DS, B}$: simetrimin her durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DS, B}$: simetrimin ilk herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{\Rightarrow j_{ik}, j_i}^{DS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bulunmama olasılığı

$fz_{j_i \Leftarrow}^{DS, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fz_{j^{sa} \Leftarrow}^{DS, B}$: simetrimin son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fz_{art j^{sa} \Leftarrow}^{DS, B}$: simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, art j^{sa} \Leftarrow}^{DS, B}$: simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı

bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, j_i \Leftarrow}^{DS, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, j^{sa} \Leftarrow}^{DS, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_{ik}, j^{sa} \Leftarrow}^{DS, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa} \Leftarrow}^{DS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{\Leftarrow j_s, j_{ik}, j^{sa} \Leftarrow}^{DS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, j_{ik}, j_i \Leftarrow}^{DS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, j_i \Leftarrow}^{DS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa}, j_i \Leftarrow}^{DS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{\Leftarrow j_s, j_{ik}, j^{sa}, j_i \Leftarrow}^{DS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{\Leftarrow j_s, \Leftarrow j_{ik}, j^{sa}, j_i \Leftarrow}^{DS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{\Leftarrow j_s, j^{sa} \Leftarrow}^{DS, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik bulunmama olasılığı

$fz_{j^{sa} \Leftarrow}^{DS, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fz_{art j^{sa} \Rightarrow}^{DS, B}$: simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fz_{j_s, art j^{sa} \Rightarrow}^{DS, B}$: simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fz_{j_s, j_i \Rightarrow}^{DS, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fz_{j_s, j^{sa} \Rightarrow}^{DS, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fz_{j_{ik}, j^{sa} \Rightarrow}^{DS, B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı

dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{DS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}}^{DS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DS,B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

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$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik ayırım bulunmama olasılığı

$fzS_{j_i}^{DS,B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j^{sa}}^{DS,B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{art j^{sa}}^{DS,B}$: simetrimin art ve son durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{art j^{sa}}^{DS,B}$: simetrimin ilk durumuna göre herhangi art ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_i}^{DS,B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{DS,B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_{ik}, j^{sa}}^{DS,B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{DS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}}^{DS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayırım bulunmama olasılığı

$fz_{j_s, j_{ik}, j_i}^{DS,B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayrım bulunmama olasılığı

$fz_{\Rightarrow j_s, j_{ik}, j_i}^{DS,B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayrım bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayrım bulunmama olasılığı

$fz_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayrım bulunmama olasılığı

$fz_{\Rightarrow j_s, \Rightarrow j_{ik}, j^{sa}, j_i}^{DS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan simetrik bitişik-ayrım bulunmama olasılığı

$fz_{j_i}^{DSS,B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_s, j_i}^{DSS,B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_s, j_i}^{DSS,B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı

olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_s, j^{sa}}^{DSS,B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_{ik}, j^{sa}}^{DSS,B}$: simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa}}^{DSS,B}$: simetrimin ilk herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{\Rightarrow j_s, j_{ik}, j^{sa}}^{DSS,B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_s, j_{ik}, j_i}^{DSS,B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{\Leftarrow j_s, j_{ik}, j_i}^{DSS,B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DSS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fz_{\Leftarrow j_s, j_{ik}, j^{sa}, j_i}^{DSS,B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı

bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fzS_{\Leftarrow j_s, \Leftarrow j_{ik}, j^{sa}, j_i}^{DSS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün simetrik bulunmama olasılığı

$fzS_{j_i}^{DOS, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j^{sa}}^{DOS, B}$: simetrimin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DOS, B}$: simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j^{sa}}^{DOS, B}$: simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_{ik}, j_i}^{DOS, B}$: simetrimin ilk herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DOS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}}^{DOS, B}$: simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre

herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DOS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j_i}^{DOS, B}$: simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DOS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}, j_i}^{DOS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_{ik}, j^{sa}, j_i}^{DOS, B}$: simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz kalan düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_i}^{DSD, B}$: simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j^s a}^{DSD,B}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DSD,B}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j^{s a}}^{DSD,B}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_{ik}, j^{s a}}^{DSD,B}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{s a}}^{DSD,B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, j_{ik}, j^{s a}}^{DSD,B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DOSD,B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, j_{ik}}^{DOSD,B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{s a}, j_i}^{DOSD,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara

göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, j_{ik}, j^{s a}, j_i}^{DOSD,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{\in j_s, \neq j_{ik}, j^{s a}, j_i}^{DOSD,B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün simetrik bulunmama olasılığı

$fzS_{j_i}^{DOSD,B}$: simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j^{s a}}^{DOSD,B}$: simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_i}^{DOSD,B}$: simetrisinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j^{s a}}^{DOSD,B}$: simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_{ik}, j^{s a}}^{DOSD,B}$: simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}}^{DOSD, B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j^{sa}}^{DOSD, B}$: simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre herhangi iki duruma bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j_i}^{DOSD, B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, j_{ik}, j_i}^{DOSD, B}$: simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD, B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DOSD, B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

$fzS_{\Rightarrow j_s, \Rightarrow j_{ik}, j_i}^{DOSD, B}$: simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz toplam düzgün olmayan simetrik bulunmama olasılığı

C1

Bağımlı Olasılıklı Farklı Dizilimli ve Farklı Dizilimsiz Bağımlı Durum Sayısı Bağımlı Olay Sayısından Büyük Dağılımlarda Simetrisinin Durumlarının Bulunabileceği Olaylara Göre

- Farklı Dizilimsiz
 - Tek Kalan Simetrik Bulunmama Olasılığı
 - Tek Kalan Simetrik Bitişik Bulunmama Olasılığı
 - Tek Kalan Simetrik Ayrım Bulunmama Olasılığı
 - Tek Kalan Simetrik Bitişik-Ayrım Bulunmama Olasılığı
 - Tek Kalan Düzgün Simetrik Bulunmama Olasılığı
 - Tek Kalan Düzgün Olmayan Simetrik Bulunmama Olasılığı

BAĞIMLI OLASILIKLI DAĞILIMLARDA SİMETRİNİN DURUMLARININ BULUNABİLECEĞİ OLAYLARA GÖRE SİMETRİK BULUNMAMA OLASILIĞI

Bağımlı olasılıklı dağılımlar, farklı dizilimli ve farklı dizilimsiz dağılımlardır. Farklı dizilimli dağılımlar da bağımlı durum sayısı bağımlı olay sayısına eşit dağılımlar veya bağımlı durum sayısı bağımlı olay sayısından büyük dağılımlardır. Bağımlı durum sayısı bağımlı olay sayısına eşit dağılımlarda simetriden seçilecek durumlara göre simetrik bulunmama olasılığının

tanımı ve eşitlikleri bu bölümün ilk bölümünde verilmiştir. Bu bölümde ise hem bağımlı durum sayısı bağımlı olay sayısından büyük farklı dizilimli dağılımlarda hem de farklı dizilimsiz dağılımlarda simetrik bulunmama olasılıkları simetriden seçilecek durumlara göre tanımlanarak verilecektir. Bu bölümde verilecek eşitliklerde olasılık dağılım tabiri kullanılarak veya simetrik olasılığın bulunabileceği olasılık dağılım sayısını veren eşitlikten, simetrik olasılıkların eşitliklerinin farkından elde edilebilir.

İlk simetrik bulunmama; farklı dizilimli dağılımlarda simetrisinin ilk durumuyla başlayan dağılımlarla ilgiliyken, farklı dizilimsiz dağılımlarda dağılımın ilk durumuyla başlayan dağılımlarla ilgilidir. İlk simetrik bulunmama; ilk simetrik bulunmama olasılığı, ilk bitişik simetrik bulunmama olasılığı, ilk ayrım simetrik bulunmama olasılığı, ilk bitişik-ayrım simetrik bulunmama olasılığı, ilk düzgün simetrik bulunmama olasılığı ve ilk düzgün olmayan simetrik bulunmama olasılığına denir. Tek kalan simetrik bulunmama; farklı dizilimli dağılımlarda simetride bulunmayan bir durumla başlayan dağılımlarla ilgiliyken,

farklı dizilimsiz dağılımlarda dağılımın ilk durumdan farklı bir durumla başlayan dağılımlarla ilgilidir. Tek kalan simetrik bulunmama; tek kalan simetrik bulunmama olasılığı, tek kalan bitişik simetrik bulunmama olasılığı, tek kalan ayırım simetrik bulunmama olasılığı, tek kalan bitişik-ayırım simetrik bulunmama olasılığı, tek kalan düzgün simetrik bulunmama olasılığı ve tek kalan düzgün olmayan simetrik bulunmama olasılığına denir. Kalan simetrik bulunmama; farklı dizilimli dağılımlarda simetride bulunmayan durumlarla başlayan dağılımlarla ilgiliyken, farklı dizilimsiz dağılımlarda dağılımın ilk durumdan farklı durumla başlayan dağılımlarla ilgilidir. Kalan simetrik bulunmama; kalan simetrik olasılık, kalan bitişik simetrik bulunmama olasılığı, kalan ayırım simetrik bulunmama olasılığı, kalan bitişik-ayırım simetrik bulunmama olasılığı, kalan düzgün simetrik bulunmama olasılığı ve kalan düzgün olmayan simetrik bulunmama olasılığına denir. Dağılımların tümünde bulunmayan durum ve düzgün olmayan simetrik durumların sayılarına ise sırayla toplam düzgün ve toplam düzgün olmayan simetrik bulunmama olasılığı denir.

Bağımlı durum sayısı bağımlı olay sayısından büyük farklı dizilimsiz dağılımlarda simetrisinin durumlarının bulunabileceği olaylara göre tek kalan simetrik bulunmama olasılığı, tek kalan simetrik bitişik bulunmama olasılığı, tek kalan simetrik ayırım bulunmama olasılığı, tek kalan simetrik bitişik-ayırım bulunmama olasılığı, tek kalan düzgün simetrik bulunmama olasılığı ve tek kalan düzgün olmayan simetrik bulunmama olasılığının tanım ve eşitlikleri de bu bölümde verilecektir. Bu eşitlikler; simetriden seçilecek bir duruma, simetrisinin ilk ve son durumuna, simetrisinin ilk ve herhangi bir durumuna, simetrisinin herhangi iki durumuna, simetrisinin ilk ve herhangi iki durumuna, simetrisinin ilk herhangi bir ve son durumuna ve simetrisinin ilk herhangi iki ve son durumuna göre verilecektir.

Bu ciltte bağımlı durum sayısı bağımlı olay sayısından büyük farklı dizilimsiz dağılımlardaki tek kalan simetrik bitişik-ayırım bulunmama olasılıkları; simetriden seçilecek bir duruma, simetrisinin ilk ve son durumuna, simetrisinin ilk ve herhangi bir durumuna, simetrisinin herhangi iki durumuna, simetrisinin ilk ve herhangi iki durumuna, simetrisinin ilk herhangi bir ve son durumuna ve simetrisinin ilk herhangi iki ve son durumuna göre verilmektedir.

BAĞIMLI OLASILIKLI FARKLI DİZİLİMSİZ TEK KALAN SİMETRİK BİTİŞİK-AYRIM BULUNMAMA OLASILIĞI

Bağımlı olasılıklı farklı dizilimsiz dağılımın ilk durumu haricinde herhangi bir durumyla başlayan dağılımlarda, simetriden seçilebilecek; simetrimin son durumuna, simetrimin bir durumuna, simetrimin ilk ve son durumuna, simetrimin ilk ve herhangi bir durumuna, simetrimin herhangi iki durumuna, simetrimin ilk ve herhangi iki durumuna, simetrimin ilk ve herhangi bir ve son durumuna, simetrimin ilk herhangi iki ve son durumuna, simetriden seçilen üç durumdan son iki duruma, simetriden seçilen dört durumdan son iki durum ve simetriden seçilen dört durumdan son üç durumun bulunabileceği olaylara göre tek kalan simetrik bitişik-ayrım bulunmama olasılığının, tanım ve eşitlikleri bu şekilde verilebilir. Bitişik-ayrım bulunmama olasılığı; dağılımın ilk durumu haricinde simetriden bulunabileceği herhangi bir durumla başlayan dağılımların sayısından, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılıklarının farkına eşittir.

SİMETRİDEN SEÇİLEN BİR DURUMA GÖRE TEK KALAN SİMETRİK BİTİŞİK-AYRIM BULUNMAMA OLASILIĞI

Bağımlı olasılıklı farklı dizilimsiz dağılımlarda, dağılımın ilk durumu haricinde herhangi bir durumyla başlayan dağılımlarda, simetrimin son iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin son bağımlı durumunun bulunabileceği olaylara göre simetrimin bitişik ve ayrı olarak bulunmadığı durumların sayısı; dağılımın ilk durumu haricinde simetrimin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olasılığı), simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlarda, dağılımın ilk durumu haricinde herhangi bir durumyla başlayan dağılımlarda, simetrimin son iki bağımlı durumu arasında simetride bulunmayan bağımlı durumunun bulunmadığı ve bulunduğu, simetrimin son bağımlı durumunun bulunabileceği olaylara göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için

$$f_{z,j_i} = \frac{1}{f_z} S_1^1 - f_z S_{j_i}^{DST}$$

eşitliğin sağındaki terimlerin eşitleri yazıldığında,

$$f_{z,j_i}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l}^{(l_{sa}+s-l-j_{sa}+1)} \sum_{(j_i=l_i+n-D)}^{(l_{sa}+s-l-j_{sa}+1)} \right) \\
& \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
& \left(\sum_{k=l}^{(l_{sa}+s-l-j_{sa}+1)} \sum_{(j_i=l_i+n-D)}^{(l_{sa}+s-l-j_{sa}+1)} \right) \\
& \left(\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot \right. \\
& \left. \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \right) \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(l_i-l+1)} \sum_{(j_i=l_{sa}+s-l-j_{sa}+2)}^{(l_i-l+1)} \\
& \frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot \\
& \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)
\end{aligned}$$

eşitliğinde edilir. Bu eşitliğe simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrimin son iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin son bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların karşısına *simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı* denir. Simetrimin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $f_z S_{j_i \leftrightarrow}^{DST,B}$ ile gösterilecektir.

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 \geq l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\frac{\sum_{k=l}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 \geq l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\frac{\sum_{k=l}^{(l_{sa}+s-l-j_{sa}+1)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}^{(l_{sa}+s-l-j_{sa}+1)} \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 \geq l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=l_s+n+s-D-1)}^{(l_s+s-l)}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{l=1}^{(l_{sa} + s - l - j_{sa})} \sum_{j_i = n + s - D - 1}^{(j_i - s - 1)}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=1}^{(l_i - l + 1)} \sum_{j_i = l_s + n + s - D - 1}^{(j_i - s - 1)}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}$$

$$\frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s+1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=l_i+n-D)}$$

$$\frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s+1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 \geq l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_i-l+1)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}$$

$$\frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s = D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_i = D + s - n \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - k)!}$$

$$\sum_{k=l}^{(l_{sa} + s - l - j_{sa} + 1)} \sum_{(j_i = n - D)}$$

$$\frac{(l_{sa} - l - j_{sa} + 1)! \cdot (j_i - 1)!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - 1)!}$$

$$\frac{(l_{sa} - l - j_{sa} + 1)!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$(D + s - n - l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k)! \cdot (n-1)!} - \frac{\sum_{k=l}^{(l_{sa}+s-l-j_{sa}-1)} \sum_{j_i=l_i+n-D}^{(l_{sa}+s-l-j_{sa}-1)} (l_{sa}+s-l-j_{sa}-1)}{(l_{sa}+s-l-j_{sa}-1)! \cdot (j_i-s-1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} - \left(\sum_{k=l}^{(l_{sa}+s-l-j_{sa}+1)} \sum_{j_i=l_i+n-D}^{(l_{sa}+s-l-j_{sa}+1)} \right) \left(\frac{(l_i-l-s)!}{(l_i-l-j_i+1)! \cdot (j_i-s-1)!} - \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!} \right) \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_i-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{(l_i-l+1)} \frac{(l_i-l-s)!}{(l_i-l-j_i+1)! \cdot (j_i-s-1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq D - n + 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$D + l_{sa} + s - n - l_i - j_{sa} + 2 \leq l \leq D - n + 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s > l_{sa}) \Rightarrow$$

$$f_z^{S_{j_i \Leftrightarrow}}^{DST,B} = \left(\frac{\binom{D-l_i}{D-n-l_i+1} \cdot \binom{n-j_i}{n-j_i-1}}{\binom{D+l_i-n-j_i+1}{D-n-l_i+1} \cdot \binom{n-j_i}{n-j_i-1}} - \frac{\sum_{k=l_i}^{l_i+s-l-j_{sa}+1} \sum_{j_i=l_i+n-D}^{l_i-l-s} \binom{l_{sa}-l_i-j_{sa}}{k}}{\binom{D+l_i-n-j_i+1}{D-n-l_i+1} \cdot \binom{n-j_i}{n-j_i-1}} \cdot \frac{(D-l_i)!}{(D+l_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \frac{\binom{l_i-l-s}{l_i-l-j_i+1} \cdot (j_i-s-1)!}{\binom{l_i-l-s}{l_i-l-j_i+1} \cdot (j_i-s-1)!} \cdot \frac{(D-l_i)!}{(D+l_i-n-l_i)! \cdot (n-j_i)!}$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{sa} + s - n - l_i - j_{sa} + 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \Rightarrow$$

$$fz_{j_i \leftrightarrow}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)} \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \right.$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)} \frac{(l_i - l - s)!}{((l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot \right.$$

$$\left. \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \right) \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i-l+1)} \sum_{(j_i=l_s+s-l+1)}^{(l_i-l+1)}$$

$$\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\frac{\sum_{k=l}^{(l_i - l_s)} \sum_{(j_i=s+1)}^{(l_i - l_s)} \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\frac{\sum_{k=l}^{(l_{sa} + s - l - j_{sa} + 1)} \sum_{(j_i=s+1)}^{(l_{sa} + s - l - j_{sa} + 1)} \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa} + s - l - j_{sa} + 1)} \sum_{(j_i=s+1)}^{(l_{sa} + s - l - j_{sa} + 1)} \right)$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_{sa}+s-l-j_{sa}+1)} \sum_{(j_i=s+2)} \right)$$

$$\left(\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} \right)$$

$$\frac{(l_{sa} - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i-l+1)} \sum_{(j_i=l_{sa}+s-l-j_{sa}+2)}$$

$$\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n - l \neq i, l \leq D - n + 1, l - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_{sa} + j_{sa} - s = l_{sa} \wedge$$

$$l_{sa} \leq D + j_i - n \Rightarrow$$

$$fz_{j_i \leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{sa}+s-l-j_{sa}+1)} \sum_{(j_i=s+1)}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - k)!} - \frac{\left(\sum_{k=l}^{(l_{sa} + s - l - j_{sa} + 1)} \sum_{(j_i = s + 1)}^{(j_i = s + 1)} \right)}{\left(\sum_{k=l}^{(l_{sa} + s - l - j_i - j_{sa} + 1)} \sum_{(j_i = s - 1)}^{(j_i = s - 1)} \right)} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \frac{\left(\sum_{k=l}^{(l_{sa} + s - l - j_{sa} + 1)} \sum_{(j_i = s + 2)}^{(j_i = s + 2)} \right)}{\left(\sum_{k=l}^{(l_{sa} + s - l - j_i - j_{sa} + 1)} \sum_{(j_i = s - 1)}^{(j_i = s - 1)} \right)} \cdot \left(\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} - \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + s - l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \right) \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_i - l + 1)} \sum_{(j_i = l_{sa} + s - l - j_{sa} + 2)}^{(l_i - l + 1)} \frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_{z_{j_i \Leftrightarrow}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\frac{\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=s+1)}^{(l_s+s-l)} \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}}{(D-k)! / ((D-n-k+1)! \cdot (n-1)!)} -$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D-n+1 \wedge s-j_{sa} \geq 1$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa}$$

$$l_i \leq D+s-n \Rightarrow$$

$$f_{z_{j_i \Leftrightarrow}}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} - \right)$$

$$\left(\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=s+1)}^{(l_s+s-l)} \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} - \right)$$

$$\left(\sum_{k=l}^{(l_s+s-l)} \sum_{(j_i=s+2)}^{(l_s+s-l)} \frac{(l_i-l-s)!}{(l_i-l-j_i+1)! \cdot (j_i-s-1)!} - \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}+s-l-j_i-j_{sa}+1)! \cdot (j_i-s-1)!} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i - l + 1)} \sum_{(j_i = l_s + s - l + 1)}$$

$$\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa})$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_i - l + 1)} \sum_{(j_i = l_i + n - D)}$$

$$\frac{(l_i - l - s)!}{(l_i - l - j_i + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=i}^{()} \sum_{(j_i=s)}$$

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

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=i}^{()} \sum_{(j_i=s)} \right)$$

$$\left(\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^{(l_i - i + 1)} \sum_{(j_i=s+1)} \right)$$

$$\frac{(l_i - i - s)!}{(l_i - i - j_i + 1)! \cdot (j_i - s - 1)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=i^l} \sum_{(j_i=s)}^{(l_i - i^l + 1)}$$

$$\frac{(l_{sa} - i^l - j_{sa})!}{(l_{sa} + s - i^l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz^{DS} S_{j_i \Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=i^l} \sum_{(j_i=s)}^{(l_{sa} + s - i^l - j_{sa} + 1)}$$

$$\frac{(l_{sa} - i^l - j_{sa})!}{(l_{sa} + s - i^l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i \leq D + j_{sa} - n \Rightarrow$$

$$fz^{DST,B} S_{j_i \Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i^l} \sum_{(j_i=s)}^{(l_{sa} + s - i^l - j_{sa} + 1)} \right)$$

$$\frac{(l_{sa} - i^l - j_{sa})!}{(l_{sa} + s - i^l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=i^l}^{(l_{sa}+s-i^l-j_{sa})} \sum_{(j_i=s+1)}^{(j_i=s)} \right)$$

$$\left(\frac{(l_i - i^l - s)!}{(l_i - i^l - j_i + 1)! \cdot (j_i - s - 1)!} \right) -$$

$$\left(\frac{(l_{sa} - i^l - j_{sa})!}{(l_{sa} + s - i^l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=i^l}^{(l_i - i^l + 1)} \sum_{(j_i=l_{sa}+s-i^l-j_{sa}+2)}^{(j_i=l_{sa}+s-i^l-j_{sa}+1)}$$

$$\frac{(l_i - i^l - s)!}{(l_i - i^l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D > n < n \wedge l = \dots \wedge l_s \leq \dots + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i - n \wedge$$

$$l_{sa} - j_{sa} + 1 \leq l_i \wedge l_i - j_{sa} - s > l_{sa} \wedge$$

$$D - l_i - s \leq l_i \leq D + l_{sa} + s - n - j_{sa} \Rightarrow$$

$$fz S_{j_i \Leftrightarrow}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i^l}^{()} \sum_{(j_i=s)}^{()} \right)$$

$$\left(\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^{l_i - i^{l+1}} \sum_{(j_i=l_i+n-D)}^{(l_i - i^{l+1})} \right)$$

$$\frac{(l_i - i^l - s)!}{(l_i - i^l - j_i + 1)! \cdot (j_i - s - 1)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$(D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_i + j_{sa} - s > l_s \wedge$$

$$(D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$(D + s - n < l_i \leq D + l_{sa} + s - n - j_{sa}) \Rightarrow$$

$$\sum_{j_i \Leftrightarrow i^{ST,B}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{(l_{sa}+s-i^l-j_{sa}+1)} \sum_{(j_i=s)}^{(l_{sa}+s-i^l-j_{sa}+1)} \right)$$

$$\frac{(l_{sa} - i^l - j_{sa})!}{(l_{sa} + s - i^l - j_i - j_{sa} + 1)! \cdot (j_i - s - 1)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=i}^{(l_i - i^{l+1})} \sum_{(j_i=l_i+n-D)}^{(l_i - i^{l+1})} \right)$$

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

$$(D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa} + 1 = l_s \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge s - j_{sa} \geq 1 \wedge$$

$$s + 1 \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa}) \Rightarrow$$

$$S_{i \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - l - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{l_i - l + 1} \sum_{j_i=l_i+n-D}$$

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

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrinin herhangi iki bağımlı durumu haricinde simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, bu durumlardan sonuncu bağımlı durumun bulunabileceği olaylara bağlı, simetrinin bitişik ve ayırık olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrinin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olasılığı), simetrinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan

dağılımlarda, simetrisinin herhangi iki bağımlı durumu arasında (ilk bağımlı durumu bulunabileceği olaylardan bağımsız), simetride bulunmayan durumların bulunmadığı ve bulunduğu, simetrisinin bir bağımlı durumuna göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için,

$$f_z S_{j^{sa} \Leftrightarrow}^{DST,B} = f_z S_1^{1S^1} - f_z S_{j^{sa} \Leftrightarrow}^{DST}$$

eşitliğin sağındaki terimlerin eşitleri yazıldığında,

$$f_z S_{j^{sa} \Leftrightarrow}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

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

$$\left(\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_{sa} + n - D)} \frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j^{sa} + 1)! \cdot (j^{sa} - j_{sa} - 1)!} - \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j^{sa} - j_{sa}^{ik} + 1)! \cdot (j^{sa} - j_{sa} - 1)!} \right) \cdot$$

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

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

eşitliği elde edilir. Bu eşitliğe simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumyla başlayan dağılımlarda, simetrisinin herhangi iki bağımlı durumu arasında (ilk bağımlı durumun bulunabileceği olaylardan bağımsız) simetride bulunmayan bağımlı durumlar bulunmadan ve bulunarak, simetrisinin bir bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısına *simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı* denir. Simetrisinin durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $f_Z S_{j^{sa} \Leftrightarrow}^{DST,B}$ ile gösterilecektir.

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_Z S_{j^{sa} \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_Z S_{j^{sa} \Leftrightarrow}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j_{sa} = l_s + n + j_{sa} - D - 1)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z \mathcal{S}_{j^{sa} \leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_s+n+j_{sa}-D-j_{sa}^{ik})} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j^{sa}-j_{sa}^{ik}+1)! \cdot (j^{sa}-j_{sa}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z \mathcal{S}_{j^{sa} \leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_s+n-D)} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j^{sa}-j_{sa}^{ik}+1)! \cdot (j^{sa}-j_{sa}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_{z_{j_{sa}^{sa}}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$D \geq n < n \wedge l_s = D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} = D + j_{sa} - n \Rightarrow$$

$$f_{z_{j_{sa}^{sa}}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz S_{j_{sa}}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{sa}+n-D)} \right)$$

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

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{sa}+n-D)} \right)$$

$$\left(\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} - \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \right).$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$\sum_{k=l}^{(l_{sa} + 1)} \binom{l_{sa} + 1}{k} \binom{l_{sa} + 1}{j_{sa} - j_{sa}^{ik} + 2}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_{z^D} S_{j_{sa}^{DST,B}}^{\Leftrightarrow} = \left(\frac{(D-k)!}{(D-n-l+1)! \cdot (n-l)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \binom{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1}{k} \binom{l_{sa} - l + 1}{j_{sa} = l_{sa} + n - D} \right) -$$

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

$$\left(\frac{(l_{sa} - l + 1)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa} - l + 1)} \sum_{j_{sa} = l_{sa} + n - D} \right)$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot$$

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right)$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{sa}^{\leftrightarrow}}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s+j_{sa}-l)} \sum_{j_{sa}^{sa}=l_{sa}+n-D}^{(l_s+j_{sa}-l)} \right) \cdot \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot$$

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s+j_{sa}-l)} \sum_{j_{sa}^{sa}=l_{sa}+n-D}^{(l_s+j_{sa}-l)} \right) \cdot$$

$$\left(\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} + j_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \right) -$$

$$\left(\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \right) \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} +$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{j_{sa}^{sa}=l_{sa}+j_{sa}-l+1}^{(l_{sa}-l+1)}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \Big)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j^{sa} \leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{sa}+1)}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D-n+1 \wedge j_{sa}-j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa}^{ik} \leq n+j_{sa}-s \wedge$$

$$l_{ik}-j_{sa}^{ik}+1 > l_s \wedge l_{sa}+j_{sa}^{ik}-j_{sa} = l_{ik}$$

$$l_{ik} \leq D+j_{sa}-n \Rightarrow$$

$$fz S_{j^{sa} \leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{sa}+1)}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D-n+1 \wedge j_{sa}-j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa}^{ik} \leq n+j_{sa}-s \wedge$$

$$l_{ik}-j_{sa}^{ik}+1 = l_s \wedge l_{sa}+j_{sa}^{ik}-j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j^{sa} \leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_{sa}+1)}$$

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz S_{j_{sa}^{\leftrightarrow}}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j_{sa} = j_{sa} + 1)}^{(j_{sa} - j_{sa} - 1)}$$

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

$$\left(\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j_{sa} = j_{sa} + 2)}^{(j_{sa} - j_{sa} - 1)} \right)$$

$$\left(\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} -$$

$$\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \right) \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} +$$

$$\sum_{k=l}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2)}^{(j_{sa} - j_{sa} - 1)}$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!}$$

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j_{sa} = j_{sa} + 1}^{j_{sa} - j_{sa}^{ik} + 1} \right) \cdot \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j_{sa} = j_{sa} + 1}^{j_{sa} - j_{sa}^{ik} + 1} \right) \cdot \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$\left(\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = j_{sa} + 2)} \right)$$

$$\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!}$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} +$$

$$\sum_{(j^{sa} = l_{ik} - l - j_{sa}^{ik} + 2)}^{(l_{sa} - l + 1)}$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_{sa}^{DST,B}} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s + j_{sa} - l)} \sum_{(j^{sa} = j_{sa} + 1)}$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$f_{zS}^{DST,B}_{j_{sa}^{\Leftrightarrow}} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s+j_{sa}-l)} \sum_{(j_{sa}=j_{sa}^{\Leftrightarrow})}^{(l_s+j_{sa}-l)} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j_{sa}^{\Leftrightarrow}-j_{sa}^{ik}+1)! \cdot (j_{sa}^{\Leftrightarrow}-j_{sa}^{\Leftrightarrow}-1)!} \right) -$$

$$\frac{(D+j_{sa}-l_{sa})!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{\Leftrightarrow})!} -$$

$$\left(\sum_{k=l}^{(l_s+j_{sa}-l)} \sum_{(j_{sa}=j_{sa}^{\Leftrightarrow}+2)}^{(l_s+j_{sa}-l)} \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}-l-j_{sa}^{\Leftrightarrow}+1)! \cdot (j_{sa}^{\Leftrightarrow}-j_{sa}-1)!} \right) -$$

$$\left(\frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j_{sa}^{\Leftrightarrow}-j_{sa}^{ik}-1)! \cdot (j_{sa}^{\Leftrightarrow}-j_{sa}-1)!} \right) \cdot$$

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

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j_{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}-l-j_{sa}^{\Leftrightarrow}+1)! \cdot (j_{sa}^{\Leftrightarrow}-j_{sa}-1)!} \cdot$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{\Leftrightarrow}-s)!} \Big)$$

$$(D \geq n < n \wedge l \neq l_s \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa}^{\Leftrightarrow} - j_{sa}^{\Leftrightarrow} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \vee$$

$$(D \geq n < n \wedge l \neq l_s \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j_{sa}^{sa} = n-D)}$$

$$\frac{(l_{sa} - l - j_{sa}^{sa})!}{(l_{sa} - l - j_{sa}^{sa})! \cdot (j_{sa} - j_{sa}^{sa} + 1)!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - l_{sa} - s)! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$f_z S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{()} \sum_{(j_{sa}^{sa} = j_{sa})}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$f_z S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_{sa}^{sa} = j_{sa})} \right)$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^{l_{sa}-i} \sum_{j_{sa}=j_{sa}+1}^{l_{sa}-i+1} \right)$$

$$\frac{(l_{sa} - i - j_{sa})!}{(l_{sa} - i - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$f_{z_{j_{sa}}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=i}^{l_{sa}-i} \sum_{j_{sa}=j_{sa}}^{l_{sa}-i+1}$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$f_{z_{j_{sa}}}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=i^l}^{(l_{ik}+j_{sa}-i^l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_{sa})}$$

$$\frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - i^l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$f_{z}^{DST,B} S_{j_{sa}}^{\Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=i^l}^{(l_{ik}+j_{sa}-i^l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_{sa})}$$

$$\frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - i^l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i^l}^{(l_{ik}+j_{sa}-i^l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_{sa}+1)} \right)$$

$$\left(\frac{(l_{sa} - i^l - j_{sa})!}{(l_{sa} - i^l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} -$$

$$\frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - i^l - j_{sa} - j_{sa}^{ik} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} \right) \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} +$$

$$\sum_{k=il} \binom{l_{sa}-il+1}{j^{sa}=l_{ik}+j_{sa}-il-j_{sa}^{ik}+2}$$

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

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

$$D \geq n < n \wedge l = il \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j^{sa}}^{DST,B} = \left(\frac{(D-k)!}{(n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=il} \binom{()}{j^{sa}=j_{sa}} \right)$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!} -$$

$$\left(\sum_{k=il} \binom{l_{sa}-il+1}{j^{sa}=l_{sa}+n-D} \right)$$

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

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

$$D \geq n < n \wedge l = il \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz S_{j_{sa}^{\Leftrightarrow}}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{l=0}^{(l_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \sum_{j=0}^{(j_{sa} - j_{sa}^{ik} + 1)} \right)$$

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

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right)$$

$$\left(\sum_{k=0}^{(l_{sa} - l + 1)} \sum_{l=0}^{(j_{sa} - j_{sa}^{ik} + 1)} \right)$$

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

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa}^{ik} - s)!} \right)$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s + l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz_{j^{sa} \leftrightarrow}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(l_{sa}-i^{l+1})} \sum_{(j^{sa}=l_{sa}+n-D)}$$

$$\frac{(l_{sa}-i^l-j_{sa})!}{(l_{sa}-i^l-j_{sa}+1)! \cdot (j_{sa}-j_{sa}-1)!} \cdot$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (j_{sa}-i_{sa}-s)!}$$

Bağımlı olasılıklı farklı dizilimsiz dağılımlarda dağılımın ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda simetrisinin art arda herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durum bulunmadan (simetrisinin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa}-1$ 'de bulunur!) ve bir bağımlı durumun bulunduğu (simetrisinin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa}-2$ 'de bulunur!), simetrisinin bir bağımlı durumunun bulunabileceği olaylara bağlı, simetrisinin bitişik ve ayrık olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrisinin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olasılığı), simetrisinin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla eşit edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda, simetrisinin art arda bağımlı durumu arasında, simetride bulunmayan durumların bulunmadığı (simetrisinin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa}-1$ 'de bulunur!) ve bir bağımlı durumun bulunduğu simetrisinin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa}-2$ 'de bulunur!), simetrisinin art bağımlı durumuna göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrisinin bitişik-ayrım bulunmama olasılığı için,

$$fz_{art j^{sa} \leftrightarrow}^{DST,B} = \frac{c1}{c2} \cdot fz_{art j^{sa} \leftrightarrow}^{DST}$$

eşliğin sağındaki terimlerin eşitleri yazıldığında,

$$fz_{art j^{sa} \leftrightarrow}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \right)$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} -$$

$$\left(\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik})} \sum_{(j_{sa} = l_{sa} + n - D)} \right)$$

$$\left(\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} -$$

$$\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l - j_{sa}^{ik} + 3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \right) \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} +$$

$$\sum_{k=l}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2)}$$

$$\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l - j_{sa}^{ik} + 3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

eşitlikleri elde edilir. Bu eşitliklere simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumu başlayan dağılımlarda, simetrimin art arda herhangi iki bağımlı durumu arasında simetride bulunmayan bir bağımlı durum bulunarak (simetrimin art arda durumlarından biri j_{sa} 'de diğeri $j_{sa} - 1$ 'de bulunur!) ve bulunmadan (simetrimin art arda durumlarından biri j_{sa} 'de diğeri $j_{sa} - 1$ 'de bulunur!), simetrimin bir bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısına **simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı** denir. Simetrimin art arda durumlarına bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fz S_{art j_{sa}}^{DST,B}$ ile gösterilecektir.

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$j_{sa} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} + 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} + 1) \Rightarrow$$

$$fz S_{art j_{sa}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{art j_{sa}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j_{sa}=l_{sa}+n-D)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{art j_{sa}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{art j^{sa}}^{DST,B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\frac{(l_s + j_{sa} - l - j_{sa}^{ik})!}{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)! \cdot (j^{sa} - j_{sa} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{art j^{sa}}^{D,B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_s + n + j_{sa} - D - 1)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{art j^{sa}}^{DST,B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j^{sa}=l_s+n+j_{sa}-D-1)}^{(l_{sa}-l+1)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz \mathcal{S}_{art}^{DST,B} j^{sa} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j^{sa}=l_s+n+j_{sa}-D-j_{sa}^{ik})}^{(l_s+j_{sa}-l)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz \mathcal{S}_{art}^{DST,B} j^{sa} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j^{sa}=l_s+n-D)}^{(l_s+j_{sa}-l)}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{art}^{DST,B} j^{sa} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$D \geq n < n \wedge l_s = D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} = D + j_{sa} - n \Rightarrow$$

$$fz_{art}^{DST,B} j^{sa} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$S_{artj^{sa}}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \right)$$

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

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

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \right)$$

$$\left(\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} - \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l - j_{sa}^{ik} + 3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \right) \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \sum_{k=l}^{\infty} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l - j_{sa}^{ik} + 3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$j_{sa} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik})$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$j_{sa} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$j_{sa} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz S_{art}^{DST,B} j^{sa} \Leftrightarrow \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{\Delta} (j_{ik} + j_{sa} - l - j_{sa}^{ik} + 2) \frac{(D-l-j_{sa}^{ik})!}{(D-l-j_{sa}^{ik}+3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{ik}-s)!}$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz S_{art}^{DST,B} j^{sa} \Leftrightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

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

$$D \geq n \wedge l \neq i \wedge l \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n - i \wedge$$

$$l_{ik} - j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{art}^{DST,B} j^{sa} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{sa}+1)}$$

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{art}^{DST,B} j_{sa}^{\Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{sa}-l+1)} \sum_{(j_{sa}=j_{sa}+1)}$$

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{art}^{DST,B} j_{sa}^{\Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=j_{sa}+1)}$$

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz S_{artj^{sa} \leftrightarrow}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik})} \sum_{(j_{sa}^{ik}+1)}^{(j_{sa}^{ik}+1)} \right) \cdot \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-1)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik})} \sum_{(j_{sa}^{ik}+1)}^{(j_{sa}^{ik}+1)} \right) \cdot \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-l-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-1)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik})} \sum_{(j_{sa}^{ik}+1)}^{(j_{sa}^{ik}+1)} \right) \cdot \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-l-j_{sa}^{ik}+3)! \cdot (j_{sa}^{ik}-3)!} \cdot$$

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

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik})} \sum_{(j_{sa}^{ik}+1)}^{(j_{sa}^{ik}+1)}$$

$$\frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-l-j_{sa}^{ik}+3)! \cdot (j_{sa}^{ik}-3)!} \cdot$$

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa}^{ik} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{art j_{sa}^{ik}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)! \cdot (j_{sa}-j_{sa}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz_{art j_{sa}^{ik}}^{DST,B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)! \cdot (j_{sa}-j_{sa}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=j_{sa}+2)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \frac{(l_{sa}-l-j_{sa})!}{(l_{sa}-l-j_{sa}+1)! \cdot (j_{sa}-j_{sa}-1)!} \cdot \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-l-j_{sa}^{ik}+3)! \cdot (j_{sa}-j_{sa}^{ik}-3)!} \right)$$

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

$$\sum_{k=l} \sum_{\binom{()}{j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2}}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik}$$

$$fz_{art}^{DST,B} j^{sa} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{l_s+j_{sa}-l}{j^{sa}=j_{sa}+1}}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D - j_{sa} - n \Rightarrow$$

$$fz_{art}^{DST,B} j^{sa} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{l_s+j_{sa}-l}{j^{sa}=j_{sa}+1}} \right)$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(l_s + j_{sa} - 1)} \sum_{(j_{sa} = j_{sa} + 2)} \right)$$

$$\left(\frac{(l_{sa} - l - j_{sa})!}{(l_{sa} - l - j_{sa} + 1)! \cdot (j_{sa} - j_{sa} - 1)!} -$$

$$\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l - j_{sa} + 3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \right) \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} +$$

$$\sum_{k=l}^{()} \sum_{(j_{sa} = l_s + j_{sa} - l + 1)}$$

$$\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l - j_{sa} + 3)! \cdot (j_{sa} - j_{sa}^{ik} - 3)!} \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \Bigg)$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} < j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{art}^{DST,B} j_{sa}^{\Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{()} \sum_{(j_{sa} = j_{sa})}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$f_z^{S_{art}^{DST,B} j_{sa}^{\Leftrightarrow}} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=0}^{(l_{sa}-i_l)} \sum_{(j_{sa}=j_{sa})} \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=0}^{(l_{sa}-i_l)} \sum_{(j_{sa}=j_{sa}+1)} \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)$$

$$D \geq n < n \wedge l = i_l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$f_z^{S_{art}^{DST,B} j_{sa}^{\Leftrightarrow}} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=0}^{(l_{sa}-i_l)} \sum_{(j_{sa}=j_{sa})}$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i_l \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq 1 \wedge$$

$$j_{sa} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{art j_{sa}^{ik}}^{DST,B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \frac{\sum_{k=i}^{l_{ik}+j_{sa}-i} \sum_{(j_{sa}^{ik}=j_{sa}^{ik+1})} (l_{ik}+j_{sa}-i-j_{sa}^{ik+1})!}{(l_{ik}+j_{sa}-i-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-j_{sa}^{ik+1}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge j_{sa} - j_{sa}^{ik} \geq$$

$$j_{sa} \leq j_{sa}^{ik} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz_{art j_{sa}^{ik}}^{DST,B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \left(\sum_{k=i}^{l_{ik}+j_{sa}-i} \sum_{(j_{sa}^{ik}=j_{sa}^{ik+1})} (l_{ik}+j_{sa}-i-j_{sa}^{ik+1})! \right) \cdot \frac{(l_{ik}-i-j_{sa}^{ik})!}{(l_{ik}+j_{sa}-i-j_{sa}^{ik}+1)! \cdot (j_{sa}^{ik}-j_{sa}^{ik+1}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!} \right) \cdot \left(\sum_{k=i}^{l_{ik}+j_{sa}-i} \sum_{(j_{sa}^{ik}=j_{sa}^{ik+1})} (l_{ik}+j_{sa}-i-j_{sa}^{ik+1})! \right) \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!}$$

SİMETRİDEN SEÇİLEN İKİ DURUMA GÖRE TEK KALAN SİMETRİK BİTİŞİK-AYRIM BULUNMAMA OLASILIĞI

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda, simetrimin ilk bağımlı durumuna göre simetrimin art arda herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı (simetrimin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa} - 1$ 'de bulunduğu!) ve bir bağımlı durumun bulunduğu (simetrimin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa} - 2$ 'de bulunduğu!), simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylar için, simetrimin bitişik ve ayırık olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrimin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olasılığı), simetrimin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda, simetrimin ilk bağımlı durumuna göre simetrimin art arda herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı (simetrimin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa} - 1$ 'de bulunduğu!) ve bir bağımlı durumun bulunduğu (simetrimin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa} - 2$ 'de bulunduğu!), simetrimin ilk ve herhangi bir durumuna göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için,

$$fz_{j_s, art j^{sa} \Leftrightarrow}^{DST, B} = {}_1S_1^{DST} - fz_{j_s, art j^{sa} \Leftrightarrow}^{DST}$$

eşitliğin sağındaki terimlerin eşitliği yazıldığına,

$$fz_{j_s, art j^{sa} \Leftrightarrow}^{DST, B} = \left(\frac{(D-k)!}{(D-k-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j^{sa}-j_{sa}+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{l_s+j_{sa}-l} \sum_{j^{sa}=l_{sa}+n-D} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

bu şekilde elde edilir. Bu eşitliklere simetrinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumyla başlayan dağılımlarda, simetrinin ilk bağımlı durumuna göre simetrinin art arda herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durumlar bulunmadan (simetrinin art arda durumlarından biri j^{sa} 'da, diğeri $j^{sa}-1$ 'de bulunduğu!) ve bir bağımlı durum bulunarak (simetrinin art arda durumlarından biri

j^{sa} 'da, diğeri $j^{sa} - 2$ 'de bulunduğunda!), simetrisinin ilk ve herhangi bir durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısına **simetrisinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı** denir. Simetrisinin ilk durumuna göre herhangi art arda iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fz_{j_s, art j^{sa}}^{DST, B}$ ile gösterilecektir.

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} + 1) \Rightarrow$$

$$fz_{j_s, art j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, art j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j^{sa} - j_{sa} + 1)}^{(\quad)} \sum_{j^{sa} = l_{sa} + n - D}^{l_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - 2 - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq l \leq D + l_{ik} + j_{sa} - 2 - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa}+1)} \sum_{j^{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa})} \sum_{j^{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 1 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$(D + j_{sa} - 1 < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{sa} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$S_{j_s, art j_s}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa})}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j^{sa}=j_s+j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$f_Z^S \sum_{j_s, l}^B j_{sa} \Leftrightarrow \left(\frac{(D - k)!}{(n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{()} \sum_{j^{sa}=l_{sa}+n-D}^{l_s+j_{sa}-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa})}^{()} \sum_{j^{sa}=l_{sa}+n-D}^{l_s+j_{sa}-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz_{j_s, art}^{DST, B} j^{sa} \Leftrightarrow \frac{(D - k)!}{(D - n - l + 1)! \cdot (n - 1)!}$$

$$\sum_{k=0}^{()} \sum_{s=l_s-l+1}^{()} \sum_{j^{sa}=l_s+j_{sa}-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, art j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{sa}=j_s+j_{sa}-1}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-1)! \cdot (j_s-2)!} \cdot \right.$$

$$\left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa})}^{(l_s-l-1)} \sum_{j_{sa}=j_s+j_{sa}}^{(l_s-l-1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \right.$$

$$\left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_s \geq j_{sa} - 2 \wedge j_{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$2 \leq j_s \leq j_{sa} - 1 + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j_{sa} \leq j_s + j_{sa} - 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_s^{ik} \geq j_{sa} - 2 \wedge j_{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$2 \leq j_s \leq j_{sa} - 1 + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=l_s-l+1)}^{(\cdot)} \sum_{j^{sa}=j_s+j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa}$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_s \Rightarrow$$

$$S_{j_s, art j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j^{sa}-j_{sa}+1)} \sum_{(j_s=l_s+n-D)}^{l_s+j_{sa}-l} \sum_{j^{sa}=l_{sa}+n-D}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_s+j_{sa}-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

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

$$\left(\sum_{k=l}^{(j^{sa}-j_{sa})} \sum_{(j_s=l_s+n-D)}^{l_s+j_{sa}-l} \sum_{j^{sa}=l_{sa}+n-D}^{j^{sa}=l_{sa}+n-D} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(j_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+2} \sum_{j^{sa}=l_s+j_{sa}-l+1}^{j^{sa}=l_s+j_{sa}-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n - l_s > D - l_s + 1 \wedge j_{sa} - 1 - j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} - 2 \wedge$$

$$2 \leq j_s - j^{sa} - j_{sa} + 1$$

$$j_s + j_{sa} - 1 - j^{sa} \leq n - j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+2} \sum_{j^{sa}=l_{sa}+n-D}^{j^{sa}=l_{sa}+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, art}^{DST, B} j^{sa} \Leftrightarrow = \left(\frac{(D - l)!}{(l_s - n - l + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_{sa} + n - D - j_{sa})} \sum_{j_s = l_s + n - D}^{l_{ik} + j_{sa} - j_{sa}^{ik} + 1} \sum_{j^{sa} = l_{sa} + n - D}^{j_{sa}^{ik} + 1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} + j_{sa} - j^{sa} - l_s - j_{sa}^{ik} + 1)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_{sa} + n - D - j_{sa} + 1}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j^{sa} = j_s + j_{sa} - 1}^{j_{sa}^{ik} + 1} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} + j_{sa} - j^{sa} - l_s - j_{sa}^{ik} + 1)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} - \left(\sum_{k=l}^{(l_{sa} + n - D - j_{sa})} \sum_{j_s = l_s + n - D}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2} \sum_{j^{sa} = l_{sa} + n - D}^{j_{sa}^{ik} + 2} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}^{ik}+2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+2} \sum_{j^{sa}=l_{sa}+j_{sa}-l-j_{sa}^{ik}+2}^{j^{sa}=l_{sa}+j_{sa}-l-j_{sa}^{ik}+2}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge j_s - 1 \geq j_{sa} - j_{sa} - 2 \wedge j_s \geq j_s + j_{sa} \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} < n + j_{sa} - s \wedge$$

$$l_s - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \Leftrightarrow$$

$$fz^{DST,B}_{j_s, art j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+2} \sum_{j^{sa}=l_{sa}+j_{sa}-l-j_{sa}^{ik}+2}^{j^{sa}=l_{sa}+j_{sa}-l-j_{sa}^{ik}+2}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{l_s - l + 1} \sum_{(j_s=2) \dots (j_{sa}+1)}^{l_s - l + 1} \sum_{j^{sa}=j_s}^{l_s - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$l_{sa} \leq D + j_{sa} - s \Rightarrow$$

$$fz_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{l_s - l + 1} \sum_{(j_s=2) \dots (j_{sa}+1)}^{l_s - l + 1} \sum_{j^{sa}=j_s + j_{sa} - 1}^{l_{sa} - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} + j_{sa} - j^{sa} - l_s - j_{sa}^{ik})! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz_{j_s, artj^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s-1)} \sum_{(j_s=j^{sa}-j_{sa})}^{(j_s-1)} \sum_{l=j_{sa}+1}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \right.$$

$$\left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s-1)} \sum_{(j_s=j^{sa}-j_{sa})}^{(j_s-1)} \sum_{j^{sa}=j_{sa}+2}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+2} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \right.$$

$$\left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz_{j_s, artj^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} > j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - 1 \wedge$$

$$l_{ik} - i^{ik} + 1 = l_s \wedge j_{sa}^{ik} + j_{sa} - j_{sa} > j_{sa} \wedge$$

$$l_s \leq D + j_{sa} - n \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa}+1)} \sum_{j^{sa}=j_{sa}+1}^{l_s+j_{sa}-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) -$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa})}^{(l_s+j_{sa}-l+1)} \sum_{j^{sa}=j_{sa}+2} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz S_{j_s, ar}^{DS} \Rightarrow \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j^{sa}=j_s+j_{sa}-1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j^{sa}=j_s+j_{sa}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (j_s-1)!} \right) \cdot \left(\sum_{k=l}^{(j^{sa}-j_s)} \sum_{\substack{j_s=2 \\ j^{sa}=l_{sa}+n}}^{l_s+j_{sa}-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(j_s+l_{ik}+j_{sa}-j^{sa}-l_s-j_{sa}^{ik})! \cdot (j^{sa}-j_s-j_{sa}+1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_s+j_{sa}-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}+j_{sa}-j^{sa}-l_s-j_{sa}^{ik})! \cdot (j^{sa}-j_s-j_{sa}+1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) - \left(\sum_{k=l}^{(j^{sa}-j_{sa})} \sum_{(j_s=2)}^{l_s+j_{sa}-l} \sum_{j^{sa}=l_{sa}+n-D} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}+j_{sa}-j^{sa}-l_s-j_{sa}^{ik}+1)! \cdot (j^{sa}-j_s-j_{sa})!} \right)$$

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

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2} \sum_{j^{sa} = l_s + j_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 1 \wedge j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l = D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > 1 \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$S_{j_s}^{DST} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2} \sum_{j^{sa} = l_s + j_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\left(\sum_{k=l}^{(l_s-1)} \sum_{(j_s=2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=j_s+j_{sa}-1}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\left(\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

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

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} = D + l_{ik} + j_{sa} - n - j_{sa}^{ik} + 1 \Rightarrow$$

$$S_{j_s, art}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=l_s)}^{(\)} \sum_{j^{sa}=l_{ik}+j_{sa}-j_{sa}^{ik}+1}$$

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

$$D \geq n < n \wedge l = l_s \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, art}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=1)}^{(\)} \sum_{j^{sa}=j_{sa}}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)} j^{sa} = j_{sa} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)} \sum_{j^{sa} = j_{sa} + 1} \right)$$

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

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa} - 1 \geq j_{sa}^{ik} \geq j_{sa} - 2 \wedge j^{sa} \geq j_s + j_{sa} - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$fz S_{j_s, art j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrinin ilk ve son bağımlı durumları arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrinin ilk ve son bağımlı durumunun bulunabileceği olaylara bağlı, simetrinin ilk ve son bağımlı durumunun bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrinin bulunabileceği herhangi bir durumla başlayan dağılımların sayısında (son olayın bir durumun tek simetrik olasılığı), simetrinin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrinin ilk ve son bağımlı durumları arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrinin ilk ve son bağımlı durumuna göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için,

$$fz_{j_s, j_i}^{DS} = \frac{1}{S_1} S_1 - fz_{j_s, j_i}^{DST}$$

eşitliğin sağında terimlerin sıtla yazıldığında,

$$fz_{j_s, j_i}^{DS} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l}^{(j_i-s)} \sum_{(j_s=l_s+n-D)}^{l_s+s-l} \sum_{j_i=l_i+n-D}^{l_s+l-1} \right. \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \left. \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_s+l-1} \sum_{j_i=l_s+s-l+1}^{l_s+l-1} \right) \\
& \frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \\
& \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)
\end{aligned}$$

eşitlikleri elde edilir. Bu eşitliklere simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu hariçle herhangi bir durumuyla bulunan dağılımlarda, simetrimin ilk ve son bağımlı durumu arasında simetride bulunmayan bağımlı durumlar bulunmadan ve bulunarak, simetrimin ilk ve son bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısı **simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı** denir. Simetrimin ilk ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $f_Z S_{j_s, j_i}^{DST, B}$ ile gösterilecektir.

$$D \geq n < l_s \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{i-s+1})}^{(\quad)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{i-s+1})}^{(\quad)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{i-s+1})}^{(\quad)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{()} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_{ik}+n-s-D-j_{sa}^{ik}}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{()} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{j_s=j_i-s+1}^{l_s+s-l} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{j_s=j_i-s+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_s+n+s-D-1}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{D, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_s+n+s-D-1}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(l_i-l-s+2)} \sum_{j_i=j_s+s-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_s - n - D)} \sum_{j_i = j_s + s - 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_i = j_s + s - 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=l_i+n-s-D+1)} \sum_{j_i=j_s+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-s-D+1)} \sum_{j_i=j_s+s-1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=l_{ik}+n-j_{sa}^{ik}-D+1)} \sum_{j_i=j_s+s-1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_i - s + 1 \wedge$

$j_s + s - 1 \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{l_s - l + 1} \sum_{(j_s = l_{ik} + n - j_{sa}^{ik} - D + 1)}^{l - j_{sa}^{ik} + 1} \sum_{j_i = j_s + s - 1}^{l_s - l - 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_i - s + 1 \wedge$

$j_s + s - 1 \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - j_{sa}^{ik} - D + 1)}^{l_s - l + 1} \sum_{j_i = j_s + s - 1}^{l_s - l - 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(j_i - s)} \sum_{(j_i = j_i - s + 1)}^{l_{ik} + l - j_{sa}^{ik} + 1} \frac{(l_{ik} + l - j_{sa}^{ik} + 1)!}{(D - j_{sa}^{ik} + 1)!} \cdot \frac{(l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot \left(\frac{(D - l)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(j_i - s)} \sum_{(j_s = l_{ik} + D - j_{sa}^{ik} + 1)}^{l_{ik} + s - l - j_{sa}^{ik} + 1} \sum_{j_i = l_i + n - D}^{D - j_{sa}^{ik} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{l_i - l + 1} \sum_{j_i = l_{ik} + s - l - j_{sa}^{ik} + 2}^{l_i - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{j_s=l_i}^{n-D-j_{sa}^{ik}} \sum_{j_i=l+1}^{n-D} \frac{(j_s - l - 1)!}{(j_s - l - 1)! \cdot (j_s - 2)!} \cdot \frac{(j_i - l_s - 1)!}{(j_i - l_s - 1)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}) \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_i+n}^{l_s+s-l} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_i-l+1} \sum_{j_i=l_s+s-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$(D-l_i < n \wedge l_s > D-n+1 \wedge$$

$$D+l_s+s-n-l_i+1 \leq l \leq D-n+1 \wedge$$

$$2 \leq j_s \leq j_i-s \wedge$$

$$j_s+s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_s + n - D}^{l_i - l + 1} \sum_{j_i = l_i + n - D}^{l_i - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_i=j_s+s-1} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \\
& \left. \left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_i+n-D-j_{sa}^{ik}+1)} \sum_{j_i=l+1}^{l_i-l+1} \right. \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \\
& \quad \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \right. \\
& \quad \left. \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_i=j_s+s}^{l_i-l+1} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \left. \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \right. \\
& \quad \left. \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \right)
\end{aligned}$$

$$(D > n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D \wedge j_s + s - n - l_i \wedge$$

$$j_i - j_s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}) \Rightarrow$$

$$fz_{j_s, j_i}^{ST, B} = \left(\frac{(D - k)}{(D - k + 1) \cdot (k - 1)!} \right) -$$

$$\left(\sum_{k=l}^{l_s} \sum_{j_s=l_i+n-D-s+1}^{j_s+l+1} \sum_{j_i=j_s+s-1}^{j_i+l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{j_s=l_s+n-D}^{l_i-l+1} \sum_{j_i=l_i+n-D}^{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{j_s=l_i+n-D-s+1}^{l_i-l+1} \sum_{j_i=j_s+s}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{(j_i-s+1)} \sum_{l_s+s-l}^{l_s+s-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$$

$$\left(\sum_{k=l}^{(j_i-s)} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{(j_i-s)} \sum_{l_s+s-l}^{l_s+s-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{j_s=l_s+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j_i=l_s+s-l+1}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_s + n - D - j_{sa}^{ik} + 1} \sum_{j_i = j_s + s - 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_s + n - D} \sum_{j_i = l_{ik} + n + s - D - j_{sa}^{ik}}^{l_{ik} + s - l - j_{sa}^{ik} + 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_i=j_s+s-1}^{(l_s-l+1)} \frac{(l_s-l+1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+n-j_{sa}^{ik})} \sum_{(j_s+l-n-D)}^{(l_{ik}+n-j_{sa}^{ik})} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \right) +$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_i=j_s+s}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \right)$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)} \sum_{(j_i=n-D)}^{l_{sa}+s-l-j_{sa}+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+l_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa})} \sum_{(j_i=l_i+n-D)}^{l_{sa}+s-l-j_{sa}+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_i=l_{sa}+s-l-j_{sa}+2)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{l_i-l+1} \sum_{j_i=n-D}^{l_i-l+1} \frac{(l_s-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l_s-s+1)!}{(j_s+l_i-l+1)! \cdot (j_i-s+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{l_i-l+1} \sum_{j_i=j_s+s-1}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{l_i-l+1} \sum_{j_i=l_i+n-D}^{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_{sa}-l-j_{sa}+?)}$$

$$\sum_{(j_s=l_i+n-D-s+?)}$$

$$\sum_{i=j_s+s}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{ik} + j_{sa}^{ik} - j_{sa} > j_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(j_i-s)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{\infty} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_i=l_{ik}+s-j_{sa}^{ik}+2}^{l_{sa}+s-l-j_{sa}+1} \left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l_i \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{ik} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fzS_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\sum_{k=l}^{\infty} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{l_{ik}-l-j_{sa}^{ik}+2} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, l}^{D, s} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j_i-s)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_s + s - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}) \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{sa}+s-l-j_{sa}+1} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_s \wedge l_i + j_{sa} - j_{sa} = l_{sa} =$$

$$\left(\frac{(D-k)!}{(D-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \sum_{j_i=j_s+s-1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) -$$

$$\left(\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{l_{sa}+s-l-j_{sa}+1} \sum_{j_i=j_s+s}^{(l_s-l-1)!} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \cdot \frac{(D-l_i)}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}) \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_i=j_s+s-1}^{(l_s-l-1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(l_{sa} + n - D - j_{sa})} \sum_{(j_s = l_s + n - D)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_{sa} + n + s - D - j_s}^{l_{sa} + s - l - j_{sa} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = j_s + s}^{l_{sa} + s - l - j_{sa} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D > n < n \wedge l \neq j_s \wedge l_s \leq l + 1 \wedge$$

$$1 \leq j_s - l_s - s + 1 \wedge$$

$$j_s + s - 1 \leq j_s < n \wedge$$

$$l_{ik}^{j_{sa} - 1} = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{()} \sum_{(j_s = j_i - s + 1)}^{()} \sum_{j_i = s + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{l=0}^{()} \sum_{j_s=j_i-s+1}^{l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j_i=s+1}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$l_i \leq D + s - k$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{()} \sum_{j_s=j_i-s+1}^{l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j_i=s+1}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \right)$$

$$\left(\sum_{k=l}^{(j_i-s)} \sum_{(j_s=2)} l_{ik+s-l-j_{sa}^{ik}+1} \sum_{j_i=s+2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l-s+1)} \sum_{(j_s=2)} l_{ik+s-l-j_{sa}^{ik}+2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_i - s + 1 \wedge$

$j_i + s - 1 \leq n \wedge$

$l_{ik-j_{sa}^{ik}+1} = l_s - l_i + j_{sa}^{ik} \Rightarrow$

$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{()} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=s+1}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s \leq j_i \leq n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_i - j_{sa}^{ik} + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)} \sum_{j_i=s+1}^{l_s+s-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(j_i-s)} \sum_{(j_s=2)}^{l_s+s-l} \sum_{j_i=s+k}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_i-l+1} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D > n < n \wedge l \neq 1 \wedge l_s \leq l + 1 \wedge$$

$$1 \leq j_s \leq i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i < n \wedge$$

$$l_{ik}^{j_{sa}^{ik}} - 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=2)}^{l_i-l-s+2} \sum_{j_i=j_s+s-1}^{l_i-l-s+2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{l_{ik} - l - j_{sa}^{ik} + 2} \sum_{(j_s=2)} \sum_{j_i=j_s+s-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right.$$

$$\left. \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_i=j_s+s-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \right.$$

$$\left. \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_i=j_s+s-1} \frac{l_i - l + 1}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$S_{j_s}^{DST,B} \Leftrightarrow = \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_i=j_s+s-1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + j_{sa}^{ik} - n \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - l + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_i=j_s+s-1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_i=j_s+s}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \binom{()}{j_i - s + 1} \frac{l_{ik} + l - j_{sa}^{ik} + 1}{(l - 1)!} \cdot \frac{(D - j_s - l + 1)! \cdot (j_s - 2)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l} \binom{()}{j_s = 2} \sum_{j_i = l_i + n - D} \frac{l_{ik} + s - l - j_{sa}^{ik} + 1}{(l_s - l - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \right) + \left(\sum_{k=l} \binom{(l_{ik} - l - j_{sa}^{ik} + 2)}{j_s = 2} \sum_{j_i = l_{ik} + s - l - j_{sa}^{ik} + 2} \frac{l_i - l + 1}{(l_s - l - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \right) \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$2 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - j_{sa}^{ik} + 1)} \sum_{j_s=2}^{(j_i - k - 1)} \sum_{j_i=l_i+n}^{(l_i + k - 1)} \frac{(l_s - j_s + 1)!}{(j_s - 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - j_i - s + 1)!}{(j_s + l_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$\begin{aligned} & \binom{D+l_s+l_i}{j_s, j_i} \stackrel{DST, B}{\Leftrightarrow} = \left(\frac{(l_i - k)!}{(D + l_s - k + 1)! \cdot (n - 1)!} \right) - \\ & \left(\sum_{k=l}^{()} \sum_{(j_s=j_i-s+1)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \right) - \\ & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\ & \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\ & \left(\sum_{k=l}^{(j_i-s)} \sum_{(j_s=2)}^{l_s+s-l} \sum_{j_i=l_i+n-D} \right) - \\ & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\ & \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \\ & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \end{aligned}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_i-l+1} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i_l - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{l+1} \sum_{(j_s=2)}^{l+1} \sum_{j_i=l_i+1}^{l+1} \frac{(l_s - l - 1)!}{(l_s - l - 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l - s + 1)!}{(j_s + l_i - l - s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n - 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_{sa}^{ik} - l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_i=j_s+s-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\begin{aligned}
& \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\
& \left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_i-l+1} \sum_{j_i=l_i+n-D} \right) \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
& \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \left(\sum_{k=l_i+n-D-s+1}^{(l_{ik}-l_s-2)} \sum_{j_i=j_s+s}^{l_i-l+1} \right) \\
& \frac{(l_i - l - 1)!}{(l_i - j_s - l + 1)! \cdot (j_s - 2)!} \\
& \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - l_s)! \cdot (j_i - j_s - s + 1)!} \\
& \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)
\end{aligned}$$

$$(D \geq n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s + l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$(D + s - n - l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{i \leftrightarrow l_i}^{ST,B} = \left(\frac{(D-k)!}{((D-n-k+1)! \cdot (n-1)!)} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_i=j_s+s-1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) -$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_i-l+1} \sum_{j_i=l_i+n-D} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) -$$

$$\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_i=j_s+s}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - n - 1 > l_s$$

$$D + s - n < l_i \leq D + l_s - n - 1 \Rightarrow$$

$$fz_{j_s}^{DS} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)}^{(\cdot)} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_s+s-l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_i-s)} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_s+s-l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik+s-l-j_{sa}^{ik}+1}} \sum_{j_i=l_s+s-l+1}^{j_i}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - 1 = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik+s-l-j_{sa}^{ik}+1}} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (k-1)!} \right) \left(\sum_{k=l}^{(l_s-1)} \sum_{(j_s=l_{ik}+n-j_{sa}^{ik}+1)}^{(l_s-1)} \frac{(l_s-k-1)!}{(l_s-j_s-k+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} - \left(\sum_{k=l}^{(l_{ik}+n-j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_{ik}+n-j_{sa}^{ik})} \frac{l_{ik}+s-l-j_{sa}^{ik}+1}{j_i=l_{ik}+n+s-D-j_{sa}^{ik}} \cdot \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_i=j_s+s}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$\begin{aligned} f_z S_{j_s, j_i}^{DST, B} &= \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) - \\ &\quad \left(\sum_{k=l}^{l_s+l-j_s-1} \sum_{j_s=s+1}^{l_{sa}+s-l-j_s-1} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_s-1} \right) \cdot \\ &\quad \frac{(l_s-l)}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\ &\quad \left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\ &\quad \left(\sum_{k=l}^{(j_i-s)} \sum_{j_s=2}^{l_{sa}+s-l-j_{sa}+1} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_{sa}+1} \right) \cdot \\ &\quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\ &\quad \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \cdot \\ &\quad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\ &\quad \sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{j_s=2}^{l_i-l+1} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1} \\ &\quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\ &\quad \frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \end{aligned}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{sa} - j_{sa} + 1)} \sum_{i_s=2}^{(l_i - l + 1)} \sum_{j_i=l_i+n-D}^{(l_i - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{j_s=l_i+n-D-s+1} \sum_{j_i=j_s+s-1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{j_s=2}^{l_i-l+1} \sum_{j_i=l_i+n-k}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{j_s=l_i+n-D-s+1}^{l_i-l-j_{sa}+2} \sum_{j_i=j_s+s}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D > n < n \wedge l \neq 1 \wedge l_s \leq D + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - 1 - l_i \wedge$$

$$1 \leq j_s \leq j_i - 1 \wedge$$

$$j_s + s \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa}^{ik} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_i-s+1)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right. \\ \left. \left(\sum_{k=l} \sum_{(j_s=2)}^{(j_i-s)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \right. \\ \left. \left(\sum_{k=l} \sum_{(j_s=2)}^{(j_i-s)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_{sa}+s-l-j_{sa}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \right)$$

$$D \geq l_i \wedge n \wedge l_i \neq l_s \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$l_i - s \leq l \leq l_i - 1 \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_{ik} - l_{j_{sa}^{ik}} + 2)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{sa} + s - l_{j_{sa}^{ik}} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!} \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \frac{(D - l)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$\begin{aligned}
f_z S_{j_s, j_i}^{DST, B} &= \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) - \\
&\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_i-s+1}} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \right. \\
&\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
&\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
&\left(\sum_{k=l} \sum_{\binom{(-s)}{j_s=2}} \sum_{j_i=l_{sa}+n+s-D-j_{sa}} \right. \\
&\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
&\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \\
&\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) + \\
&\sum_{k=l}^{(l_s-l+1)} \sum_{\binom{()}{j_s=2}} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1} \\
&\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
&\frac{(l_i-l_s-s+1)!}{(j_s+l_i-j_i-l_s)! \cdot (j_i-j_s-s+1)!} \\
&\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
\end{aligned}$$

$$(D \geq n < l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq {}_i l - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq {}_i l - 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$\stackrel{DST, B}{j_s, j_i} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)} \sum_{j_i = j_s + s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \right.$$

$$\left. \left(\sum_{k=l}^{(l_i + n - D - j_{sa})} \sum_{(j_s = 2)}^{s - l - j_{sa} + 1} \sum_{j_i = l - j_{sa}}^{D - j_{sa}} \frac{(l_i - l - 1)!}{(l_i - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \right.$$

$$\left. \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)} \sum_{j_i = j_s + s}^{l_{sa} + s - l - j_{sa} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$fz_{j_s, l}^{D, s} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}^{(l_s - l - 1)} \sum_{j_i = j_s + s - 1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$$

$$\left(\sum_{k=l}^{(l_{sa} + n - D - j_{sa})} \sum_{(j_s = 2)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_{sa} + n + s - D - j_{sa}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \Big)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_i=j_s+s}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i > D + l_{ik} + s - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - (j_i - s - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{sa} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i > D + l_s + s - n - 1) \Rightarrow$$

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

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_i-l+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{l_i-l+1} \sum_{j_i=j_s+s}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i - l_s - s + 1)!}{(j_s + l_i - j_i - l_s)! \cdot (j_i - j_s - s + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s + 1 \wedge$$

$$j_s + s - 1 \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - k)!}$$

$$\sum_{k=0}^{()} \sum_{i=0}^{()} \sum_{j_i=s}^{()}$$

$$\frac{(D - l_i)!}{(j_s + s - n - l_i)! \cdot (n - s)!}$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$l_i \leq D + s - n$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_i \leq D + s - n$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \frac{\binom{D-k}{D-n+1} \cdot (n-1)!}{\binom{D-k}{D-n+1} \cdot (n-1)!} -$$

$$\left(\sum_{k={}_i l} \sum_{(j_s=1)}^{()} \sum_{j_i=s}$$

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

$$\left(\sum_{k={}_i l} \sum_{(j_s=1)}^{()} \sum_{j_i=s+1}^{l_i - i^{l+1}}$$

$$\frac{(l_i - l_s - s + 1)!}{(l_i - j_i - l_s + 1)! \cdot (j_i - s)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big)$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$S_{i \leftrightarrow}^{D, s} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k= {}_i l} \sum_{(j_s=1)}^{()} \sum_{j_i=s}$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k= {}_i l} \sum_{(j_s=1)}^{()} \sum_{j_i=l_i+n-D}^{l_i - {}_i l + 1}$$

$$\frac{(l_i - l_s - s + 1)!}{(l_i - j_i - l_s + 1)! \cdot (j_i - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=i} \sum_{(j_s=1)} \sum_{j_i} \frac{(D-l_i)}{(D-n-l_i-s)!} - \left(\sum_{k=i} \sum_{(j_s=1)} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}} l_{ik+s-i} l^{-j_{sa}^{ik}+1} \frac{(l_i-l_s-s+1)!}{(l_i-j_i-l_s+1)! \cdot (j_i-s)!} \right) \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \left(\sum_{k=1}^D \sum_{j_s=1}^{j_i} \sum_{j_i=1}^n \frac{(D - l_i)!}{(D - n - l_i - s)!} - \left(\sum_{k=1}^D \sum_{j_s=1}^{j_i} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-{}_i l - j_{sa}+1} \frac{(l_i - l_s - s + 1)!}{(l_i - j_i - l_s + 1)! \cdot (j_i - s)!} \right) \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i > D + l_s + s - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa}) \vee$$

$$(D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1)$$

$$(D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - s \wedge$$

$$j_s + s \leq j_i \leq n \wedge$$

$$l_i - s > l_s \wedge$$

$$l_i > D + l_s + j_{sa}^{ik} - n - 1) \Rightarrow$$

$$fz_{j_s, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=i}^{()} \sum_{(j_s=1)}^{l_i - i l + 1} \sum_{j_i = l_i + n - D}$$

$$\frac{(l_i - l_s - s + 1)!}{(l_i - j_i - l_s + 1)! \cdot (j_i - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda, simetrisinin ilk ve herhangi bir bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrisinin ilk ve herhangi bir bağımlı durumunun bulunabileceği olaylara bağlı, simetrisinin bitişik ve ayrık olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrisinin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (bu olay için bir durumun tek simetrik olasılığı), simetrisinin ilk ve herhangi bir durumu bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda, simetrisinin ilk ve herhangi bir bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrisinin ilk ve herhangi bir bağımlı durumuyla göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığıdır.

$$fz S_{j_s, j^{sa} \Leftrightarrow}^{DST, B} = {}_1 S_1^1 - fz S_{j_s, j^{sa} \Leftrightarrow}^{DST}$$

eşitliğin sağındaki terimlerin değeri aşağıdaki gibi:

$$fz S_{j_s, j^{sa} \Leftrightarrow}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s = j^{sa} - j_{sa} + 1)} \sum_{j^{sa} = l_{sa} + n - D}^{l_s + j_{sa} - l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l} \sum_{(j_s = l_s + n - D)}^{(j^{sa} - j_{sa})} \sum_{j^{sa} = l_{sa} + n - D}^{l_s + j_{sa} - l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

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

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{sa} - l + 1} \sum_{j^{sa} = l_s + j_{sa} - l + 1}^{l_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

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

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

eşitlikleri elde edilir. Bu eşitliklere simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizimsiz durumlardan, simetrimin ilk durumu haricinde herhangi bir durumuyla başlayan dağılımlarda, simetrimin ilk ve herhangi bir bağımlı durumu arasında simetride bulunmayan bağımlı durumlar bulunmadan ve bulunarak, simetrimin ilk ve herhangi bir bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısı **simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı** denir. Simetrimin ilk ve herhangi bir durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fzS_{j_s, j^{sa}}^{DST, B}$ ile gösterilebilir.

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n - j_{sa} - s \wedge$$

$$l_{ik} - i_{ik} + 1 = l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fzS_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j^{sa} - j_{sa} + 1)}^{(\quad)} \sum_{j^{sa} = l_{sa} + n - D}^{l_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{()} \sum_{j^{sa}=l_s+n+j_{sa}-D-j_{sa}^{ik}}^{l_{ik}+j_{sa}-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{()} \sum_{j^{sa}=l_s+n+j_{sa}-D-1}^{l_s+j_{sa}-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{sa}-j_{sa}+1)}^{()} \sum_{j_{sa}=l_{sa}+n}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{sa}-j_{sa}+1)}^{()} \sum_{j_{sa}=l_{sa}+n-D}^{l_s+j_{sa}-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{sa}-j_{sa}+1)}^{()} \sum_{j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}^{l_{sa}-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{j_s} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{(j_s)} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}^{l_{sa}-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{j_s} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{(j_s)} \sum_{j^{sa}=l_s+n+j_{sa}-D-1}^{l_{sa}-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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$$fz S_{j_s, j^{sa}}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(\cdot)} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_s-l+1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz S_{j_s, j^{sa}}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-j_{sa}+2)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!}$$

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$$fz S_{j_s, j^{sa}}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DS} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - k + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - k + 1)} \sum_{j^{sa} = j_s + j_{sa} - 1}^{(l_s - k + 1)} \frac{(l_s - k)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_{sa} - l - j_{sa} + 2)} \sum_{j^{sa} = j_s + j_{sa} - 1}^{(l_{sa} - l - j_{sa} + 2)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)} \sum_{j_{sa} = j_s + j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s = l_s + n - D)} \sum_{j_{sa} = j_s + j_{sa} - 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

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$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_s + n - D)} \sum_{j_{sa} = j_s + j_{sa} - 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j^{sa}}^{DST, B} = \left(\frac{(D - l - k)!}{(k + 1) \cdot (n - 1)!} \right) \left(\sum_{k=l}^{j^{sa} - j_{sa}} \sum_{j_{sa} = l_{sa} + n - D}^{j_{sa}^{ik} + 1} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} - \left(\sum_{k=l}^{(j^{sa} - j_{sa})} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j_{sa} = l_{sa} + n - D} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{l_{sa} - l + 1} \sum_{j_{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(j_s - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_{sa} - j_{sa}^{ik} + 2)!}{(l_s - l - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

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$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \Rightarrow$$

$$fz_{j_s, j_{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{l=0}^{l_s} \sum_{j_{sa}=l}^{j_{sa}+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_s+j_{sa}} \frac{(l_s-l)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} - \right.$$

$$\left. \left(\sum_{k=l}^{(j^{sa}-j_{sa})} \sum_{(j_s=l_s+n-D)}^{l_s+j_{sa}-l} \sum_{j^{sa}=l_{sa}+n-D} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}-l_s-j_{sa}+1)!}{(j_s+l_{sa}-j^{sa}-l_s)! \cdot (j^{sa}-j_s-j_{sa}+1)!} \right) + \right.$$

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

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$fz S_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{sa} - l + 1} \sum_{j_{sa} = l_{sa} + n - D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz S_{j_s, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_s+l-1)} \sum_{j_{sa}=j_s-1}^{(j_{sa}+l-1)} \frac{(j_s-l-1)!}{(j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) \cdot \left(\sum_{k=l}^{(j_s+n-D-j_{sa})} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_s+l-1)} \sum_{j_{sa}=l_{sa}+n-D}^{(l_{sa}-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(l_{sa}-l_s-j_{sa}+1)!}{(j_s+l_{sa}-j_{sa}-l_s)! \cdot (j^{sa}-j_s-j_{sa}+1)!} \right) \cdot \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) + \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_s+l-1)} \sum_{j_{sa}=j_s+j_{sa}}^{(l_{sa}-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(l_{sa}-l_s-j_{sa}+1)!}{(j_s+l_{sa}-j_{sa}-l_s)! \cdot (j^{sa}-j_s-j_{sa}+1)!} \right) \cdot \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{sa}}^{DS} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j^{sa}=j_s+j_{sa}-1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(l_{sa}+n-D-j_{sa})} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa}-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

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

$$\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j^{sa}=j_s+j_{sa}}^{l_{sa}-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} \leq l_s \Rightarrow$$

$$fz^{S_{j_s, j^{sa}}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{(\quad)} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}^{l_s+j_{sa}-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j^{sa}-j_{sa})} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}^{l_s+j_{sa}-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j^{sa} = l_s + j_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l + 1)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa}^{ik} > l_s \Rightarrow$$

$$fz^{ST,B}_{j_s, j_{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z S_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{sa}=j_s+j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) -$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} -$$

$$\left(\sum_{k=l}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{j_{sa}=j_s+j_{sa}}^{(j_{sa}-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) -$$

$$\frac{(l_{sa}-l-j_{sa}+1)!}{(j_s+l_{sa}-j_{sa}-l_{sa})! \cdot (j_{sa}-j_s-j_{sa}+1)!} \cdot$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{sa}=j_s+j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}-l-j_{sa}+1)!}{(j_s+l_{sa}-j_{sa}-l_{sa})! \cdot (j_{sa}-j_s-j_{sa}+1)!} \cdot$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \Big)$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa} \Leftrightarrow}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s = j^{sa} - j_{sa} + 1)} \sum_{j^{sa} = j_{sa} + 1}^{l_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

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

$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa} \Leftrightarrow}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s = j^{sa} - j_{sa} + 1)} \sum_{j^{sa} = j_{sa} + 1}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa} \Leftrightarrow}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j^{sa} - j_{sa} + 1)} \sum_{j^{sa} = j_{sa} + 1}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} - \right.$$

$$\left. \left(\sum_{k=l}^{(j^{sa}-j_{sa})} \sum_{(j_s=2)} l_{ik+j_{sa}-l-j_{sa}^{ik}+1} \right) \right.$$

$$\left. \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\left. \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \right.$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \right.$$

$$\left. \sum_{k=l}^{l_{ik}-l-j_{sa}^{lk}+1} \sum_{(j_s=1)} l_{sa-l+1} \sum_{j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{lk}+2} \right.$$

$$\left. \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\left. \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \right.$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$D \geq n > n \wedge l \neq i \wedge l_s \leq D - l + 1 \wedge$$

$$j_s \leq j^{sa} - j_{sa} + 1$$

$$j_s + j_s - 1 \leq j^{sa} + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa}+1)} \sum_{j^{sa}=j_{sa}+1}^{l_s+j_{sa}-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$1 - j_s \leq j_s - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST,A} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \sum_{j^{sa}=j_s+j_{sa}-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \sum_{j^{sa}=j_s+j_{sa}-1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{l_{sa} - l + 1} \sum_{j^{sa} = j_s + j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (n - j_s - j_{sa} + 1)!} \cdot$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} =$$

$$j_s \stackrel{DST, B}{\Leftrightarrow} j^{sa} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j^{sa} = j_s + j_{sa} - 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \Rightarrow$$

$$fz S_{j_s, j_{sa}}^{DS1} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} - \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j^{sa}=j_s+j_{sa}-1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} - \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j^{sa}=j_s+j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}-l_s-j_{sa}+1)!}{(j_s+l_{sa}-j^{sa}-l_s)! \cdot (j^{sa}-j_s-j_{sa}+1)!} \right) \right)$$

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} = \left(\frac{(j_s - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l}^{j_s} \frac{(j_s - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l}^{(j^{sa} - j_{sa})} \sum_{(j_s=2)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j^{sa} = l_{sa} + n - D}^{l_s - l - 1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{l_{sa} - l + 1} \sum_{j^{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i l - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s}^{DS} = \frac{(l_s - l)!}{(D - l_s - k + 1)! \cdot (l_s - 1)!}$$

$$\sum_{k=l}^{(l_{ik} - l_s - k + 2)} \sum_{(j_s=2)}^{(l_{sa} - l + 1)} \sum_{j^{sa}=l_{sa}+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$(D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \vee$$

$$(D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n - 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_s \leq D + l_s + j_{sa} - n - 1)$$

$$fz_{j_s, j^{sa}} \stackrel{ST, B}{\Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j^{sa}-j_{sa}+1)} \sum_{j^{sa}=l_{sa}+n-D}^{l_s+j_{sa}-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j^{sa}-j_{sa})} \sum_{j^{sa}=l_{sa}+n-D}^{l_s+j_{sa}-l} \right)$$

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

$$(D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i_l - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}$$

$$D + j_{sa} - n < l_{ik} \leq D + l_s + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i_l - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i_l - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{l=1}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{sa} - l + 1} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa} - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l < D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

$$(D - n + 1 < n \wedge l \neq l_s \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - j_s + j_{sa} - n - l_{sa} \wedge$$

$$l_{sa} - l - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz S_{j_s, j_{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{sa}=j_s+j_{sa}-1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{l_{sa}-l+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa}-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j^{sa}=j_s+j_{sa}}^{(l_{sa}-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq l_{sa} - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + l_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq j_s + j_{sa} - 1$$

$$l_{ik} - j_s + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n \leq l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j^{sa}-j_{sa}+1)}^{()} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}^{l_s+j_{sa}-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l}^{(j^{sa}-j_{sa})} \sum_{(j_s=2)}^{l_s+j_{sa}-l} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n - l \neq i \wedge l \leq D - n + 1$$

$$D + l_s + j_{sa} - n - l_{sa} + j_{sa} - l \leq -1 \wedge$$

$$1 \leq j_s < j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - l_s + 1 > l_s + l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - l_{sa} < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$j_s \stackrel{DST,B}{\leftrightarrow} j^{sa} = \left(\frac{(l_s - k)!}{(D + n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l+1)} \sum_{j^{sa}=j_s+j_{sa}-1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=2)}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$

$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$

$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$

$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$

$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$

$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$

$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$

$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{sa} - j_{sa} + 1 > l_s \wedge$

$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$

$$fz_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa}-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(j_s + l_{sa} - j^{sa} - l_s)! \cdot (j^{sa} - j_s - j_{sa} + 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - 1)!}$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} + 1 \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$S_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - l)}{(D + j^{sa} - n - l_{sa})! \cdot (n - 1)!} \cdot$$

$$\sum_{k=0}^{\infty} \sum_{i=0}^{(k)} \sum_{j_{sa}=j_s}^{j^{sa}}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + (j_{sa} - n) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} \leq D + (j_{sa}^{ik} - n) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} \leq D + j_{sa} - n) \Rightarrow$$

$$fz S_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + j_s)! \cdot (n - 1)!} \right) \cdot \left(\sum_{i=l} \sum_{(j_s=1)} \sum_{j^{sa}=j_{sa}} \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right) - \left(\sum_{k=i} \sum_{(j_s=1)} \sum_{j^{sa}=j_{sa}+1} \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(l_{sa} - j^{sa} - l_s + 1)! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1)$$

$$f_{z^s}^{j_s, T, B} \Leftrightarrow = \left(\frac{(D - k)!}{((D - n - k + 1)! \cdot (n - 1)!)} - \right.$$

$$\left(\sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j^{sa}=j_{sa}} \right.$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} - \right.$$

$$\left(\sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa}-i^{l+1}} \right.$$

$$\left. \frac{(l_{sa} - l_s - j_{sa} + 1)!}{(l_{sa} - j^{sa} - l_s + 1)! \cdot (j^{sa} - j_{sa})!} \cdot \right.$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{(\cdot)} \sum_{j_s=1}^{(\cdot)} \sum_{j_{sa}=j_{sa}}^{(\cdot)} \right)$$

$$\frac{(D + j_{sa} - l_{sa})!}{(D + j_{sa} - n - l_{sa})! \cdot (n - 1)!} -$$

$$\left(\sum_{k=i}^{(\cdot)} \sum_{j_s=1}^{(\cdot)} \sum_{j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}^{(\cdot)} \right)$$

$$\frac{(l_{sa} - j_{sa} - l_s + j_{sa} + 1)!}{(l_{sa} - j_{sa} - l_s + 1)! \cdot (j_{sa} - j_{sa})!} \cdot$$

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{sa} - j_{sa}$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{(\cdot)} \sum_{j_s=1}^{(\cdot)} \sum_{j_{sa}=j_{sa}}^{(\cdot)} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right) -$$

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

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \vee$$

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j^{sa} - j_{sa} \wedge$$

$$j_s + j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz_{j_s, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\sum_{k=i}^{\binom{()}{j_s=1}} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa}-i} l_{sa}^{i+1}$$

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

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

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu hariçinde herhangi bir durumuyla başlayan dağılımlarda, simetrisinin ilk bağımlı durumu hariç herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrisinin ilk bağımlı durumu hariç herhangi iki bağımlı durumunun bulunabileceği olaylara göre, simetrisinin bitişik ve ayrı olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu hariçinde simetrisinin bulunabileceği herhangi bir durumuyla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olması), simetrisinin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu hariçinde herhangi bir durumuyla başlayan dağılımlarda, simetrisinin ilk bağımlı durumu hariç herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrisinin ilk bağımlı durumu hariç herhangi iki bağımlı durumunun bulunabileceği olaylara bağlı, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için,

$$fz S_{j_{ik} j^{sa} \Leftrightarrow}^{DST, B} = {}_1 S_1^1 - fz S_{j_{ik} j^{sa}}^{DST}$$

eşitliğin sağındaki terimlere eşitleri yazıldığında,

$$fz S_{j_{ik} j^{sa} \Leftrightarrow}^{DST, B} = \left(\frac{(D - l_{sa})!}{(n - k + 1)! (l_{sa} - 1)!} \right)$$

$$\left(\sum_{k=l} \sum_{\binom{()}{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}} \sum_{j^{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \right) \cdot$$

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

$$\left(\sum_{k=l} \sum_{\binom{()}{(j_{ik}=l_{ik}+n-D)}} \sum_{j^{sa}=l_{sa}+n-D}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1) l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \right) \cdot$$

$$\frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \Bigg)$$

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

eşitliği elde edilir. Bu eşitliğe simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu için herhangi bir durumyla başlayan dağılımlarda, simetrimin bağımlı durumu herç herhangi iki bağımlı durumu arasında simetride bulunan bağımlı durumlarından ve bulunarak, simetrimin ilk bağımlı durumu hariç herhangi iki bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısı *simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı* denir. Simetrimin herhangi iki durumuna bağlı bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fz S_{j_{ik}, j_{sa}^{ik}}^{DST, B}$ ile gösterilecektir.

$$\begin{aligned} D &\geq n - n \wedge l_s > D - l_s + 1 \wedge \\ j_{sa}^{ik} + 1 &\leq j_{ik} + j_{sa} + l_{sa} - j_{sa} \wedge \\ j_{ik} + j_{sa} + j_{sa}^{ik} &\leq j_{sa} \leq n + j_{sa} - s \wedge \\ l_{ik} - j_{sa}^{ik} + l_{sa} &\geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow \end{aligned}$$

$$fz S_{j_{ik}, j_{sa}^{ik}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(\quad)} \sum_{(j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa})}^{(\quad)} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{l_{sa}-l+1}$$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$$fz S_{j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{(j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa})} \sum_{j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik}} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$$fz S_{j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{l_s + j_{sa} - l} \sum_{(j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa})} \sum_{j^{sa} = l_s + n + j_{sa} - D - 1} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{\binom{()}{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}} \sum_{l=j_{sa}^{ik}+1}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_s+j_{sa}-l} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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

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

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$$fz S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 1)} \sum_{j_{sa}^{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{j_{sa} = l_s + n + j_{sa} - D - 1} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

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$$f_{z_{j_{ik}, j_{sa}^{ik}}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik}-l+1)} \sum_{(j_{ik}=l_s+n-D)}^{(l_{ik}-l+1)} \sum_{j_{sa}^{ik}=j_{ik}-j_{sa}^{ik}} \frac{(l_{ik} - j_{sa}^{ik})!}{(l_{ik} - l + 1)! \cdot (j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa})!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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

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$$\sum_{k=l}^{(l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1)} \sum_{(j_{ik}=l_{ik}+n-D)} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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$$fz S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1)} \sum_{(j_{ik}=l_s + n + j_{sa}^{ik} - D - 1)}^{(j_{ik} - l - j_{sa}^{ik})!} \sum_{j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik}} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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$$fz S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

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$$fz S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}^{(j_{sa}^{ik}-j_{sa})} \sum_{j_{sa}=l_{sa}+n-D}^{(j_{sa}^{ik}-j_{sa})} \right)$$

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \leq l \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

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$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$f_{z} S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{\sum_{k=l}^{(l_{ik}-l+1)} \sum_{(j_{ik}=l_{ik}+n-D)}^{l_{sa}-l+1} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{l_{sa}-l+1} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$f_{z} S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}-l+1)} \sum_{(j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa})}^{(l_{sa}+j_{sa}^{ik}-l)} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{l_{sa}+j_{sa}^{ik}-l} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) \cdot \left(\sum_{k=l}^{(j_{sa}+j_{sa}^{ik}-j_{sa}-1)} \sum_{(j_{ik}=l_s+n+j_{sa}^{ik}-D-1)}^{l_s+j_{sa}-l} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{l_s+j_{sa}-l} \right)$$

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

$$D \geq n < n \wedge l_s > D - n + 1$$

$$D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \leq l \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} + 1 - j^{sa} \leq n + j_{sa} - 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \Rightarrow$$

$$f_z^{DST,B} S_{j_{ik} j_{sa}}^{\Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\sum_{k=l}^{(l_s + j_{sa}^{ik} - l)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_{sa}^{ik}-l+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_{sa}-l+1}$$

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

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

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

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \Rightarrow$$

$$fz S_{j_{ik}, j_{sa}}^{DST, B} = \left(\frac{(D-k)!}{(n-l_{sa}-1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-1)} \sum_{(j_{ik}=l_{ik}+n-D)}^{(j_{sa}^{ik}-D-j_{sa})} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{ik}-s)!} \right) -$$

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

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$

$j_{sa}^{ik} + 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}$

$\left(\frac{(D-k)!}{(D-l-k+1)! \cdot (n-1)!} \right) -$

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

$\left(\sum_{k=l}^{(l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1)} \sum_{(j_{ik}=l_s+n+j_{sa}^{ik}-D-1)}^{l_{sa}-l+1} \sum_{j^{sa}=l_{sa}+n-D}$

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

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

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

$$\sum_{k=l}^{(l_s + j_{sa}^{ik} - l)} \sum_{(j_{ik}=l_{sa} + n + j_{sa}^{ik} - D - j_{sa})}^{l_{sa} - l + 1} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{l_{sa} - l + 1}$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{ST,B}_{j_{ik} j^{sa}} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{()} \sum_{(j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa})}^{l_{sa} - l + 1} \sum_{j^{sa}=j_{sa} + 1}^{l_{sa} - l + 1}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_{ik} j^{sa}} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$fz^{DST,A}_{j_{ik},j^{sa}} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$

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

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$fz^{DST,B}_{j_{ik},j^{sa}} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$$\left(\sum_{k=l} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{j^{sa}=j_{sa}+1}^{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \right) -$$

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

$$\left(\sum_{k=l}^{(j^{sa} + j_{sa}^{ik} - j_{sa} - 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{sa} + 2} \right)$$

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

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

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

$$\sum_{k=l+1}^{\dots} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2)} \dots$$

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

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

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

$$D \geq n < n \wedge l_{sa} \wedge l_{sa} \wedge l_{sa} \wedge D - n \wedge l_{sa}$$

$$j_{sa}^{ik} - j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge$$

$$l_{ik} - j_{ik} + 1 > j^{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_{ik}j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{()} \sum_{(j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa})} \sum_{j^{sa} = j_{sa} + 1}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1}$$

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

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

$$D \geq n < n \wedge l \neq i l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - l_{sa} - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} + j_{sa} - l_{sa} - k + 1)} \sum_{(j_{ik} - j_{sa})}^{(j_{ik} - j_{sa} - l - j_{sa} - k + 1)} \sum_{j^{sa} = j_{sa} + 1}^{l_{ik} + j_{sa} - k + 1} \right) \cdot$$

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

$$\left(\sum_{k=l}^{(j_{sa}^{ik} - j_{sa} - 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \sum_{j^{sa} = j_{sa} + 2}^{(j_{sa}^{ik} - j_{sa} - 1) l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1} \right) \cdot$$

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

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

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

$$\sum_{k=l}^{(l_{ik} - l + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_{sa} - l + 1} \sum_{j^{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2}^{l_{sa} - l + 1} \cdot$$

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

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

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_{ik},j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{(\cdot)} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{j^{sa}=j_{sa}+1}^{l_s+j_{sa}-l} \right) \cdot \frac{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!}{(D + j_{sa} - l_{sa} - s)! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + s \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + s = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$l_{sa} \leq D + j_{sa} - s \Rightarrow$$

$$fz^{DST,B}_{j_{ik},j^{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(\cdot)} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{j^{sa}=j_{sa}+1}^{l_s+j_{sa}-l} \right) \cdot \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq D - n - 1 \wedge$$

$$j_{ik}^{ik} \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_{ik}, j_{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\begin{aligned}
& \sum_{k=l}^{(l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \\
& \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}
\end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{S_{j_{ik}, j_{sa}^{ik}}} \stackrel{DST, B}{=} \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{j_{sa}^{ik} - j_{sa} - j_{sa}^{ik}} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - n - l_{sa})!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{T, B_{j_{ik}, j_{sa}^{ik}}} \stackrel{DST, B}{=} \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_{ik} - l + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{j_{sa}^{ik} - j_{sa} - j_{sa}^{ik}} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz^S_{j_{ik}, j^{sa} \Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l+1)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \right)$$

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

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

$$\left(\sum_{k=l}^{(l_{ik}-l)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{l_{sa}} \right)$$

$$\frac{(l_{ik} - j_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l - 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot$$

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

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

$$D \geq n < n \wedge l \neq 0, l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{l_{sa}} \wedge j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^S_{j_{ik}, j^{sa} \Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{ik}-l+1)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fzS_{j_{ik}, j_{sa}^{ik}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}-l+1)} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{j_{sa}^{ik}} j_{sa}^{ik} \cdot \frac{(l_{ik}-j_{sa}^{ik})!}{(l_{ik}-l+1)! \cdot (j_{sa}^{ik}-1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{ik}-s)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}-l+1)} \sum_{j_{sa}^{ik}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{l_{sa}-l+1} j_{sa}^{ik} \cdot \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{sa}^{ik}-1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}-l_{sa}-j_{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{ik}-s)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fzS_{j_{ik}, j_{sa}^{ik}}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} \leq D + j_{sa} - n \Rightarrow$$

$$f_{z_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{\binom{l_{sa} - k}{(D + j_{sa} - k + 2)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{l_s + j_{sa}^{ik} - l}} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \right) -$$

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

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

$$\left(\sum_{k=l}^{\binom{l_s + j_{sa}^{ik} - l}} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1} \right) -$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z^{DST,B} S_{j_{ik}, j_{sa}^{ik}} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{D-k}{j_{ik}+j_{sa}+j_{sa}^{ik}}} \sum_{j_{sa}^{ik}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+1}^{\binom{D-k}{j_{sa}+n-D}} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{\binom{D-k}{j_{sa}+n-D}} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \right) -$$

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

$$\left(\sum_{k=l}^{\binom{D-k}{j_{ik}+j_{sa}+j_{sa}^{ik}}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\binom{D-k}{j_{sa}+j_{sa}^{ik}-1}} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{\binom{D-k}{j_{sa}+n-D}} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \right) -$$

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

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

$$\sum_{k=l}^{\binom{D-k}{j_{ik}+j_{sa}+j_{sa}^{ik}}} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{\binom{D-k}{j_{sa}+j_{sa}^{ik}-1}} \sum_{j_{sa}^{ik}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2}^{\binom{D-k}{j_{sa}+n-D}} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot$$

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

$$D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \leq l \leq i l - 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_{ik}, j^{sa}}^{DST} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=0}^{(l_{ik}-1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}-l+1} j^{sa}=l_{sa}+n-D$$

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

$$D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l < D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

$$D \geq n < n+1 \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$l < l_s \wedge l_{sa} + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j_{sa}^{ik}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}} \sum_{j_{sa}^{ik}=l_{sa}+1}^{l_s+j_{sa}-l} \right)$$

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

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

$$\left(\sum_{k=l}^{\binom{(j_{sa}+j_{sa}^{ik}-j_{sa}^{ik})}{j_{sa}^{ik}+1}} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}-l} \right) \cdot$$

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

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^{ik}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

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

$$\sum_{k=l} \sum_{\binom{(l_s+j_{sa}^{ik}-l)}{j_{ik}=j_{sa}^{ik}+1}} \sum_{j_{sa}^{ik}=l_s+l+1}^{l_{sa}-l+1}$$

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

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}^{ik}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

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

$$D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 2 \leq l \leq i l - 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{(l_s + j_{sa}^{ik} - l)} \sum_{(j_{ik} = l_{sa}^{ik} + 1)}^{l_{sa} - l + 1} \sum_{j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{l_{sa} - l + 1} \right) \cdot \frac{(l_{ik} - l - j_{sa})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(l_{sa} - l - j_{sa})!}{(j_{ik} + j_{sa} - j_{sa} - l_{sa})! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik} - l + 1)} \sum_{(j_{ik} = l_{sa}^{ik} + n + j_{sa}^{ik} - D - j_{sa})}^{l_{ik} - l + 1} \sum_{j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{l_{ik} - l + 1} \right) \cdot \frac{(l_{ik} - l - j_{sa})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

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

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq D - n - 1 \wedge$$

$$2 \leq l \leq D - l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_s \leq j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l+1)} \sum_{(j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa})}^{l_{sa}-l+1} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{l_{sa}-l+1} \frac{(l_{ik}-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \right)$$

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

$$\left(\sum_{k=l}^{(l_{sa} + n + j_{sa}^{ik} - D - j_{sa} - 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_{sa} - l + 1} \sum_{j^{sa} = l_{sa} + n - D} \right) -$$

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

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

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

$$\sum_{k=l}^{(l_{ik} - 1)} \sum_{(j_{ik} = l_{sa} + j_{sa}^{ik} - D - j_{sa})}^{l_{sa} - l + 1} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1} \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot$$

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

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

$$D \geq n < n \wedge l_{sa} \leq l \wedge l_{sa} \leq D - n - s \wedge$$

$$2 \leq l < D + l_{ik} + j_{sa} - n - l_{sa} - j_{sa}^{ik} + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} - j_{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} + j_{sa}^{ik} < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l}^{(l_s + j_{sa}^{ik} - l)} \sum_{(j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa})}^{(l_s + j_{sa}^{ik} - l)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}} \right. \\
& \quad \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \\
& \quad \left(\sum_{k=l}^{(l_{sa} + n + j_{sa}^{ik} - D - j_{sa} - 1)} \sum_{(j_{ik} = j_{sa}^{ik} - 1)}^{(l_{sa} + n + j_{sa}^{ik} - D - j_{sa} - 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} - D} \right. \\
& \quad \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
& \quad \left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \right. \\
& \quad \left. \sum_{k=l}^{(l_s + j_{sa} - l)} \sum_{(j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa})}^{(l_s + j_{sa} - l)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{l_{sa} - l + 1} \right. \\
& \quad \frac{(l_{ik} - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \\
& \quad \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
& \quad \left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)
\end{aligned}$$

$$(D \geq n < l_s \wedge l \neq l_s \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{ik} - l_{sa} + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_{sa} + 1} \sum_{j_{sa} = l_{sa} + n}^{(j_{sa} - j_{sa}^{ik} + 1)} \frac{(l_{sa} - j_{sa}^{ik} - l_{ik} + j_{sa})!}{(j_{ik} - l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa}^{ik} = l_{ik} \Rightarrow$$

$$f_z S_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{()} \sum_{(j_{ik} = j_{sa}^{ik})} \sum_{j_{sa} = j_{sa}} \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_{ik}, j_{sa}^{ik}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{()}{l}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}^{ik}} \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right)$$

$$\left(\sum_{k=i}^{\binom{()}{l}} \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}^{ik}} \frac{l_{sa} - i^{l+1}}{j_{sa}^{ik}} \right)$$

$$\frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - i^l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - j_{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} =$$

$$fz^{DST,B}_{j_{ik}, j_{sa}^{ik}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=i}^{\binom{()}{l}} \sum_{(j_{ik}=j_{sa} + j_{sa}^{ik} - j_{sa})} \sum_{j_{sa}^{ik}}^{l_{sa} - i^{l+1}} \frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - i^l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!}$$

$$\frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - i^l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_{ik},j_{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$D \geq n < n \wedge l = i \wedge l_{sa} \leq D + j_{sa} - n$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DS}_{j_{ik},j_{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

$$\left(\sum_{k=i}^l \sum_{(j_{ik}=j_{sa}^{ik})} \sum_{j_{sa}=j_{sa}^{ik}+1}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-1)l_{ik}+j_{sa}-i-l-j_{sa}^{ik}+1} \frac{(l_{ik} - i - l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - i - l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} + \sum_{k=i^l}^{(l_{ik} - i^l + 1)} \sum_{(j_{ik}=j_{sa}^{ik})}^{l_{sa} - i^l + 1} \sum_{j_{sa}=l_{ik}+j_{sa}^{ik}}^{i^l - j_{sa}^{ik} + 2} \frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - i^l + 1)! \cdot (j_{sa} - j_{sa}^{ik} - 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1$

$j_{sa}^{ik} \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$\sum_{k=i^l}^{l_{sa} + j_{sa}^{ik} - i^l - j_{sa} + 1} \sum_{(j_{ik}=j_{sa}^{ik})}^{l_{sa} - i^l + 1} \sum_{j_{sa}=j_{ik}+j_{sa}^{ik}}^{i^l - j_{sa}^{ik} + 2} \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=i^l}^{(l_{sa} + j_{sa}^{ik} - i^l - j_{sa} + 1)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(l_{sa} - i^l + 1)} \sum_{j_{sa}=j_{ik}+j_{sa}^{ik}}^{i^l - j_{sa}^{ik} + 2} \frac{(l_{ik} - i^l - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - i^l + 1)! \cdot (j_{ik} - j_{sa}^{ik} - 1)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$D \geq n < n \wedge l = i^l \wedge l_s \leq D - n + 1 \wedge$

$j_{sa}^{ik} \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$$fz^S_{j_{ik}, j^{sa}} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=i}^{l_{ik}-i+1} \sum_{(j_{ik}=j_{sa}^{ik})}^{(l_{ik}-i+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\frac{(l_{ik}-i-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-i-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!}$$

$$D \geq n < n \wedge l = i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz^S_{j_{ik}, j^{sa}} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{(l_{ik}-i+1)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(l_{ik}-i+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}$$

$$\frac{(l_{ik}-i-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-i-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot$$

$$\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{(l_{ik}-i+1)} \sum_{(j_{ik}=j_{sa}^{ik})}^{(l_{ik}-i+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}$$

$$\frac{(l_{ik}-i-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-i-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot$$

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

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

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$fz^{S_{j_{ik}, j_{sa}^{ik}}} \Leftrightarrow = \left(\frac{(D - n + 1)! \cdot (n - s)!}{(D - n + 1)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^{j_{sa}^{ik}} \sum_{l=j_{sa}^{ik}}^{j_{sa}^{ik} - l - j_{sa}^{ik} + 1} \binom{()}{j_{sa}^{ik} - l - j_{sa}^{ik} + 1} \right) -$$

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

$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^{j_{sa}^{ik}} \sum_{l=j_{sa}^{ik}}^{j_{sa}^{ik} - l - j_{sa}^{ik} + 1} \binom{()}{j_{sa}^{ik} - l - j_{sa}^{ik} + 1} \sum_{j_{sa}^{ik} = l_{sa} + n - D}^{l_{sa} - l + 1} \right)$$

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

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

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$\begin{aligned}
f_z S_{j_{ik}, j_{sa}}^{DST, B} &= \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) - \\
&\left(\sum_{k=i}^l \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-i-l-j_{sa}^{ik}+1} \right. \\
&\frac{(l_{ik}-i-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-i-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa}-s)! \cdot (n-s)!} \left. - \right) - \\
&\left(\sum_{k=i}^l \sum_{j_{ik}=l_{ik}+n-D}^{(j_{sa}+j_{sa}^{ik}-j_{sa})} \sum_{j_{sa}=l_{sa}+n-D}^{l_{ik}+j_{sa}-i-l-j_{sa}^{ik}-1} \right. \\
&\frac{(l_{ik}-i-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-i-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(l_{sa}+j_{sa}-l_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
&\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa}-s)! \cdot (n+j_{sa}-j_{sa}-s)!} + \\
&\sum_{k=i}^l \sum_{j_{ik}=l_{ik}+n-D}^{(l_{ik}-i-l+1)} \sum_{j_{sa}=l_{ik}+j_{sa}-i-l-j_{sa}^{ik}+2}^{l_{sa}-i-l+1} \\
&\frac{(l_{ik}-i-l-j_{sa}^{ik})!}{(l_{ik}-j_{ik}-i-l+1)! \cdot (j_{ik}-j_{sa}^{ik}-1)!} \cdot \\
&\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
&\left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)
\end{aligned}$$

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$j_{sa}^{ik} \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}) \Rightarrow$$

$$fz_{j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n + 1)! \cdot (n - 1)!} \cdot \sum_{k=i}^{l_{ik} - i + 1} \sum_{k=j_{sa}^{ik}}^{l_{sa} - i + 1} j_{sa}^{ik} \cdot \frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(n + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

GÜLDENMYA

SİMETRİDEN SEÇİLEN ÜÇ DURUMA GÖRE TEK KALAN SİMETRİK BİTİŞİK-AYRIM BULUNMAMA OLASILIĞI

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrisinin ilk ve herhangi iki bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrisinin ilk ve herhangi iki bağımlı durumunun bulunabileceği olaylara bağlı, simetrisinin bitişik ve ayrık olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrisinin bulunabileceği herhangi bir durumla başlayan dağılımların sayısında (son olay için bir durumun tek simetrik olasılığı), simetrisinin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrisinin ilk ve herhangi iki bağımlı durumu arasında, simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrisinin ilk ve herhangi iki bağımlı durumu arasında, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için,

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = fz_1^{S_1} - fz_{j_s, j_{ik}, j^{sa}}^{DST}$$

eşitliğin sağındaki terimlerin eşitleri yazıldığında,

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D+n-k)!}{(D-n+k+1)! \cdot (n-k)!} - \left(\sum_{k=l}^{\left(\sum_{j_{ik}=j_s - j_{sa}^{ik} + 1 \right)} \sum_{j_{ik}=j_{sa}^{ik} + j_{sa}^{lk} - j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{(l_s+j_{sa}-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) - \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) - \left(\sum_{k=l}^{\left(\sum_{j_{ik}=j_s - j_{sa}^{ik} + 1 \right)} \sum_{j_{ik}=l_{ik}+n-D} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{(l_s+j_{sa}-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) - \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\begin{aligned}
& \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} + \\
& \sum_{k=1}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = l_s + j_{sa} - l + 1)}^{(l_s - l - 1)!} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_{sa} - l_s - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{sa})!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} + \\
& \sum_{k=1}^{(l_s - l - 1)} \sum_{(j_s = l_s + n - D)}^{(l_s - j_s - l + 1)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j_{sa} = l_{sa} + n - D)}^{(l_s - l - 1)!} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}
\end{aligned}$$

eşitlikleri elde edilmiştir. Bu eşitliklere simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denilecektir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu hakkında herhangi bir durumla başlayan dağılımlarda, simetrimin ilk ve herhangi iki durumu arasında simetride bulunmayan bağımlı durum bulunmadan ve bulunarak, simetrimin ilk ve herhangi iki bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısına **simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı** denir. Simetrimin ilk ve herhangi iki durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fz S_{j_s, j_{ik}, j_{sa}}^{DST, B}$ ile gösterilecektir.

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{sa} + 1)} \sum_{j^{sa} = l_{sa} + n - j_{sa}}^{(l_s - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{ST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik}}^{(l_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz \mathcal{S}_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - l + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} j_{ik} \sum_{j_{ik} - j_{sa}^{ik} - j_{sa}}^{(l_{sa} - j_s - l + 1)} \sum_{(j^{sa} = l_s + n + j_{sa} - D - 1)}^{(l_{sa} - j_s - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz \mathcal{S}_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} j_{ik} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_s + n + j_{sa} - D - 1)}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1}} \sum_{\binom{()}{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - l_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{l_{ik} - l + 1}} \sum_{\binom{()}{j_{ik} = l_{ik} + n - D}} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_s + n + j_{sa}^{ik} - D - 1}} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_s + n + j_{sa}^{ik} - D - 1}} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D > n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{l_s-l-j_{sa}+2}{j_s=l_{sa}+n-D-j_{sa}+1}} \sum_{j_{ik}=j_s+j_{sa}^{lk}-1}^{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{lk}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{l_{ik}-l-j_{sa}^{ik}+2}{j_s=l_{ik}+n-D-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_s+j_{sa}^{lk}-1}^{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{lk}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=l_s+n-D}} \sum_{j_{ik}=j_s+j_{sa}^{lk}-1}^{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{lk}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - l + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{sa} + n - D - j_{sa}^{ik})} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa}^{ik})} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq D + l_s + j_{sa}^{ik} - n - l_{sa}$

$\leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \right)$$

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

$$D \geq l_s < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} - 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - 1 \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$f_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l \Rightarrow$

$\frac{DST,B}{j_{ik}, j^{sa}} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l} \sum_{(l_{sa}-l+1)} (j_{sa}=l_s+j_{sa}-l+1)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$\binom{DST, (j_{ik}, j_{sa})}{j_{ik}, j_{sa}} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l} \sum_{(l_{sa}-l+1)} (j_{sa}=l_{sa}+n-D)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$\begin{aligned}
fzS_{j_s, j_{ik}, j^{sa} \Leftrightarrow}^{DST, B} = & \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) - \\
& \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \right. \\
& \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-l)!} \\
& \left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) - \\
& \left(\sum_{k=l} \sum_{(j_s=l_s+n)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s-l)} \right. \\
& \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
& \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
& \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} + \\
& \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \\
& \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
& \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
& \left. \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right)
\end{aligned}$$

$$n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa}^{ik} - j_{sa}$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = l_{sa} + n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = l_{ik} + n - D} \sum_{(j_{sa} = l_{sa} + n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = l_{ik} + n - D} \sum_{(j_{sa} = l_{sa} + n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

$$\begin{aligned}
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \cdot \\
& \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{(j_{sa} = l_s + n - l + 1)}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \\
& \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)}^{l_{ik} - j_{sa}^{ik}} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_s + j_{sa} - l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \Big)
\end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

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

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} < j_{ik} \leq j_s + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n - l_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_{sa} - l + 1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_{ik} - l + 1)} \right)$$

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

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

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{sa}+n-D-j_{sa}^{ik}+1)}^{(l_{sa}+n+j_{sa}^{ik}-j_{sa}-1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$D \geq n < n \wedge l_s > D - n + 1$

$2 \leq l_s < D + l_s + j_{sa} - n - l_{sa} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_{sa}^{ik} < n + j_{sa} - s \wedge$

$j_{sa}^{ik} - j_{sa} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fz S_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$n \geq n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{sa} \Rightarrow$

$\sum_{\binom{DST,B}{(j_s=j_{ik}-j_{sa}^{ik}+1)}} \frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} -$

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

$\left. \left(\sum_{k=l} \sum_{\binom{(\cdot)}{(j_s=l_s+n-D)}} \sum_{l_s+j_{sa}^{ik}-l}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{(\cdot)}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \right) \right.$

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

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

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

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

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_s \Rightarrow$$

$$fz_{j_s, j_{ik}}^{DS, j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$$

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

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_{sa} + n + j_{sa}^{ik} - j_{sa}}} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \frac{(l_s + j_{sa}^{ik} - l - 1)!}{(l_s - l - 1)!} \cdot \frac{(j_s - l - 1)!}{(j_s - l - 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{\binom{()}{j_{ik} = j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_{sa} + n + j_{sa}^{ik} - j_{sa}}} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}} \frac{(l_s + j_{sa}^{ik} - l + 1)!}{(l_s - l + 1)!} \cdot \frac{(l_{sa} - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

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

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

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

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

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

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

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

$$D \geq l \leq n \wedge l_s \leq n + 1 \wedge$$

$$2 \leq l \leq D \wedge l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$D \geq n < n \wedge l_s > D - n + 1$

$D + l_s + j_{sa} - n - 1 + 1 \leq l \leq D - n + 1 \wedge$

$j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - j_{sa}^{ik} \wedge$

$j_{sa} - j_{sa}^{ik} - 1 = l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fz S_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{l_{ik}-l-j_{sa}^{ik}+2}{j_s=l_{sa}+n-D-j_{sa}+1}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik}$$

$$f_z^{DST,B} S_{j_s, j_{ik}, j^{sa}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

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

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

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

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_s+n-D)}^{(j_{sa})} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, k, j^{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_{sa})} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_{sa})} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l \wedge l_{sa} + j_{sa} - j_{sa}^{ik} > l_{ik} \Rightarrow$$

$$fz S_{j_s, l_{ik}, j^{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D - j_{sa} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D - j_{sa} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_{sa} - l + 1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$D \geq n < r \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

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

$$l \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z^{DST,B} \Rightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z^{DST,B} \Rightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} - \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}^{ik}-s)!} - \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \right)$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_s + j_{sa}^{ik} - j_{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n - l_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - \dots)} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\dots)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - \dots - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + \dots \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\dots)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fzS_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = j_{sa} + 1)} \frac{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l - 1)!}{(D + j_{sa} - l_{sa} - s)!} \right) -$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j_{sa} = j_{sa} + 2)} \frac{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l - 1)!}{(D + j_{sa} - l_{sa} - s)!} \right) +$$

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

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + 1} \sum_{(j_{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2)} \frac{(l_{ik} - l + 1)}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l + 1)}{(D + j_{sa} - l_{sa} - s)!} \right) +$$

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

$$D - n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l \neq l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > j_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_s+j_s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}}^{D, s} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

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

$$(D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s) \Rightarrow$$

$$S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

$$D \geq n < l \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa} \Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa} \Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa} \Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_{ik} - l + 1} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \right)$$

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

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$f_z^{DST} \sum_{j_s, j_{sa}}^{DST} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$\geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fzS_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(l_{sa} - 1) - j_{sa}^{ik} + 1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l \neq l \wedge l_{sa} \leq D - j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + j^{sa} \leq n - j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge j_{sa}^{ik} + j_{sa} - l_{sa} = l_{ik} \Rightarrow$$

$$fzS_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$(D \geq n < n \wedge l \neq i_l \wedge l_{sa} \leq D + j_{sa} - n \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq n + j_{sa} - s \wedge l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee (D \geq n < n \wedge l \neq i_l \wedge l_{sa} \leq D + j_{sa} - n \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s) \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_s+j_{sa}^{ik}-l)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \right)$$

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

GÜLDÜZ

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{sa} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_{ik} - j_s - j_{sa}^{ik} + 1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_{ik} - j_s - j_{sa}^{ik} + 1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s^{ik}-1}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s^{ik}-1}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$f_{s,j_{ik},j^{sa}}^{DST,B} \Leftrightarrow \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{(\quad)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) -$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) \frac{(l_s - l - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$\left(\sum_{k=l}^{(l_s - l)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

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

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

$$(D \geq n < n - l \neq l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n - l \neq l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s) \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

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

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

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

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

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

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

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

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

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$f_z^{DST,B} S_{j_s, j_{ik}, j_{sa}}^{\Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j_{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}}} \sum_{\binom{()}{j_{sa}=l_{sa}+n-D}} \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) +$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j_{sa}=l_{sa}+n-D}} \sum_{\binom{()}{j_{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+1}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} + \right.$$

$$\left. \sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{\binom{l_{ik} - l + 1}{j_s - l + 1}}{\binom{l_{sa} + j_{sa} - l_{ik} - j_{sa}}{j_s - l + 1}} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq n +$$

$$2 \leq l \leq D + l_s + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{\binom{l_s + j_{sa} - l}{j^{sa} = l_{sa} + n - D}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - i + 1 \wedge$$

$$D + j_s - n - i + 1 \leq l \leq i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa}^{ik} \leq j^{sa} + n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_s - n < l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$f_{s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow \left(\frac{(D - n - l_s + 1)!}{(D - n - l_s + k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=2)}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}^{(j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa})} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

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

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(j_s=j_{sa}^{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}^{(j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa})} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(j_s=l_{sa}-l+1)} \sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}^{(j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa})} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik}$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$f_{z^{ST,B}}(j_{ik}, j^{sa}) \Leftrightarrow = \frac{(l_{sa} - k)!}{(D + j_{sa} - k + 1)! \cdot (n - 1)!}$$

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

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$(D + j_{sa} - n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + j_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz \mathcal{S}_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{(j_{ik}=j_{sa}^{ik}-j_s)}^{(\cdot)} \sum_{(l_{sa}=l_s+n-D)}^{(l_s+j_{sa})} \right)$$

$$\frac{(l_s-l)}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\left(\sum_{k=2}^{(j_{ik}-j_{sa}^{ik}+j_{sa}-1)} \sum_{j_{ik}=l_{ik}+n-D}^{(j_{ik}-j_{sa}^{ik}-j_{sa}-1)} \sum_{j^{sa}=l_{sa}+n-D}^{(l_s+j_{sa}-l)} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$(D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i l - 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa}^{ik} - j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee (D \geq n < n \wedge l \neq i l \wedge l_s \leq D - n + 1 \wedge D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i l - 1 \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa}^{ik} - j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge l_{sa} - j_{sa} + 1 > l_s \wedge D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

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

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > n \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s - j_{sa} - n - 1$

$\sum_{j_{ik}=j_{ik}-j_{sa}^{ik}+1}^{DST,B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \right) -$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

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

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$

$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)}$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge 2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq n + j_{sa} - s \wedge l_{sa} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge D + j_{sa} - n < l_{sa} \wedge D + l_s - n - 1 \Rightarrow$$

$$f_{z}^{S_{j_s, j_{ik}, j_{sa}^{ik}}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=l}^{\binom{D}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1}^{\binom{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} \right) -$$

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

$$D \geq n < n \wedge l_s \wedge l_s \leq D - n - 1 \wedge$$

$$2 \leq l_s \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_s \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$j_{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

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

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

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

$$D - n < l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa}^{ik} - n - l_{sa} + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = 2)}^{l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1} \sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_s = 2)}^{(j_s - 2)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > n \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1)$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = 2)}^{(j_s - 2)} \sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(j_s - 2)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \binom{(\quad)}{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_{sa} - 1 \leq j_{ik} + j_{sa}^{ik} - l_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n \leq l_{sa} \leq D + l_s + j_{sa} - n \Rightarrow$$

$$\sum_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_{ik}=j_s+j_{sa}^{ik}-1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \binom{(\quad)}{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \binom{(\quad)}{(\quad)}$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i \wedge l - 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s$$

$$l_{sa} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \wedge D + l_s - n - 1 \Rightarrow$$

$$fz^{S_{j_s, j_{ik}, j^{sa}}} \stackrel{DST, B}{\Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(l_{sa} - l + 1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j^{sa}=l_{sa}+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l}^{l_s - l + 1} \sum_{j_s = l_{sa} + n - D - j_{sa} + 1}^{l_s - l + 1} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_s - l + 1} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{l_s - l + 1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{l_s - l + 1} \sum_{j_s = l_{sa} + n - D - j_{sa} + 1}^{l_s - l + 1} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_s - l + 1} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{l_s - l + 1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$f_{s,j_{ik},j^{sa}}^{DST,B} \Leftrightarrow \left(\frac{(D - n - l + 1)!}{(D - n - l + k + 1)! \cdot (l - 1)!} \right) -$$

$$\left(\sum_{i=l_{sa}+n-D-j_{sa}+1}^{(l_s-l+1)} \sum_{j_{ik}=j_{sa}^{ik}-1}^{(j_s-l+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(j_s-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

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

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{j_s=l_{sa}+n-D-j_{sa}+1}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(j_s-l+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(j_s-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

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

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

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{j_s=2}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j_s-l+1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(j_s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \right)$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

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

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

$$D \geq n < n \wedge l \neq l_s \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}^{ik} = n + j_{sa} - D - j_{sa}^{ik})} \frac{(l - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l_s + 1)!}{(l_{ik} + l_{ik} - j_{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D + j_{sa}^{ik} - l_{sa} - s)!}{(D + j_{sa}^{ik} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq l - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}^{ik}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_{ik}+n-D}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik}} \sum_{j_{ik}=l_s + j_{sa}^{ik} + 1}^{(j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D + j_{sa} - n - l_{sa} - s + 1 \leq l \wedge l_{sa} \leq D - n + 1 \wedge$$

$$D + j_{sa} - n - l_{sa} - s + 1 \leq l - 1 \wedge$$

$$l \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} = j^{sa} \wedge n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - l_{sa} - s < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$f_z^{DST,B} \mathcal{S}_{j_s, j_{ik}, j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik}+n-D}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}^{ik}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$fz S_{j_s, j_{sa}^{ik}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - j_s - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l)} \sum_{(j_s=l_{ik}+D-j_{sa}^{ik}+1)}^{(D-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_s+l_{ik}-j_{sa}^{ik}-1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

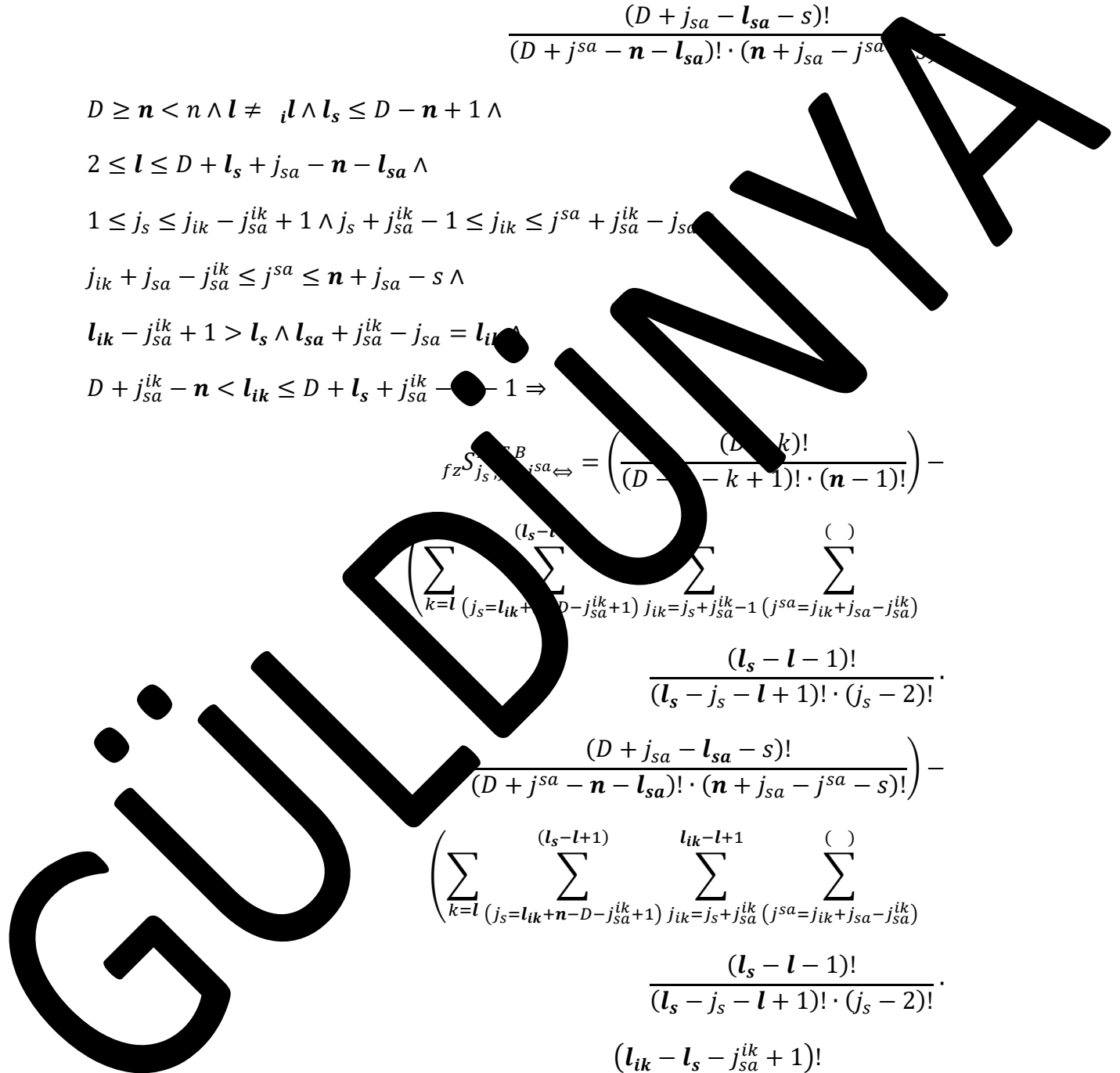
$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(l_{ik}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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



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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$$

$$\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_s + j_{sa} - n - 1)$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$l_{sa} > D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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

$$D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \left(\sum_{k=i}^{j_s} \sum_{j_s=1}^{(j_s)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \right) \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = i l \wedge l_{sa} \leq n + j_{sa} - s \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=i}^{j_s} \sum_{j_s=1}^{(j_s)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})} \right) \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} - \left(\sum_{k=i}^{j_s} \sum_{j_s=1}^{(j_s)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-i+1)} \right)$$

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

$$D \geq n < n \wedge l = {}_i l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=i}^{\dots} \sum_{l=1}^{\dots} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_{sa}^{sa}=j_{sa})} \right) \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} \cdot \left(\sum_{k=i}^{\dots} \sum_{(j_s=1)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}^{sa}=j_{sa}+1)} \right) \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa}^{sa} - s)!}$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s) \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \right)$$

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

$$\frac{(j_{ik} + j_{sa} - j_{sa}^{ik} - l_k)! \cdot (j_{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_k)! \cdot (j_{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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

$$D \geq n < n \wedge l = i \wedge l_{sa} < D + j_{sa} - n$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+j_{sa}^{ik}-i-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \right)$$

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

$$D \geq n < n \wedge l = {}_i l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=i}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_s=1}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_{ik}=j_{sa}^{ik}}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j^{sa}=j_{sa}}^{j_{ik} - j_{sa}^{ik} + 1} \right) \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} - \left(\sum_{k=i}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_s=1}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik}}^{j_{ik} - j_{sa}^{ik} + 1} \right) \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l = {}_i l \wedge l_{sa} \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

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

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{sa}$

$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s - j_{sa}^{ik} - n - 1 =$

$\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \Leftrightarrow$

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

$$\left(\sum_{k=i}^{\binom{D}{i}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j^{sa}+j_{sa}^{lk}-j_{sa}} \sum_{j^{sa}=l_{sa}+n-D}^{\binom{l_{sa}-i+1}{j^{sa}}} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \vee$$

$$(D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{sa} - j_{sa} + 1 > l_s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1) \Rightarrow$$

$$fz^{DST,B} j_s, j_{ik}, j_{sa} \Leftrightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{i=l}^{()} \sum_{j_s=1}^{()} \sum_{j_{ik}=j_{sa}^{lk}}^{()} \sum_{j^{sa}=j_{sa}}^{()} \right) -$$

$$\left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{()} \sum_{j_s=1}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{j^{sa}=l_{sa}+n-D}^{(l_{sa}-i^{l+1})} \right)$$

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

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

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

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{(\cdot)} \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=1}^{(\cdot)} \sum_{(j_{sa}=j_{sa})}^{(\cdot)} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_s)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{(\cdot)} \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=l_{sa} + j_{sa}^{ik} - i - j_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_{sa} + j_{sa}^{ik})}^{(\cdot)} \right)$$

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

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_s)! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l = i \wedge l_s = D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq l_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} \leq j_{sa}^{ik} < n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{(\cdot)} \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}}^{(\cdot)} \sum_{(j_{sa}=j_{sa})}^{(\cdot)} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{D}{l}} \sum_{(j_s=1)}^{\binom{D-l}{j_s}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{\binom{l_{ik}+j_{sa}-i-l-j_{sa}^{ik}+1}{j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik}$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$fz_{j_s}^{S_{j_s}^{B,sa}} \Leftrightarrow = \left(\frac{(D-l)!}{(D-l-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D}{l}} \sum_{(j_s=1)}^{\binom{D-l}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l}{j_s}} \sum_{(j^{sa}=j_{sa})}^{\binom{D-l}{j_s}} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{D}{l}} \sum_{(j_s=1)}^{\binom{D-l}{j_s}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{\binom{D-l}{j_s}} \right)$$

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

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

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{S_{DST, B}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik}$$

$$fz_{j_s, j_{ik}, j^{sa}}^{S_{DST, B}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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

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$$fz S_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - k)}^{(j_s = l_s + n - k)} \sum_{(j_{ik} = j_s + l_{ik} - l_s)}^{(j_{ik} = j_s + l_{ik} - l_s)} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - l_{ik} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{(l_{sa}-l-j_{sa})} \sum_{(j_s=l_s+n-D)}^{(j_{ik}=j_s+l_{ik}-l_s)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

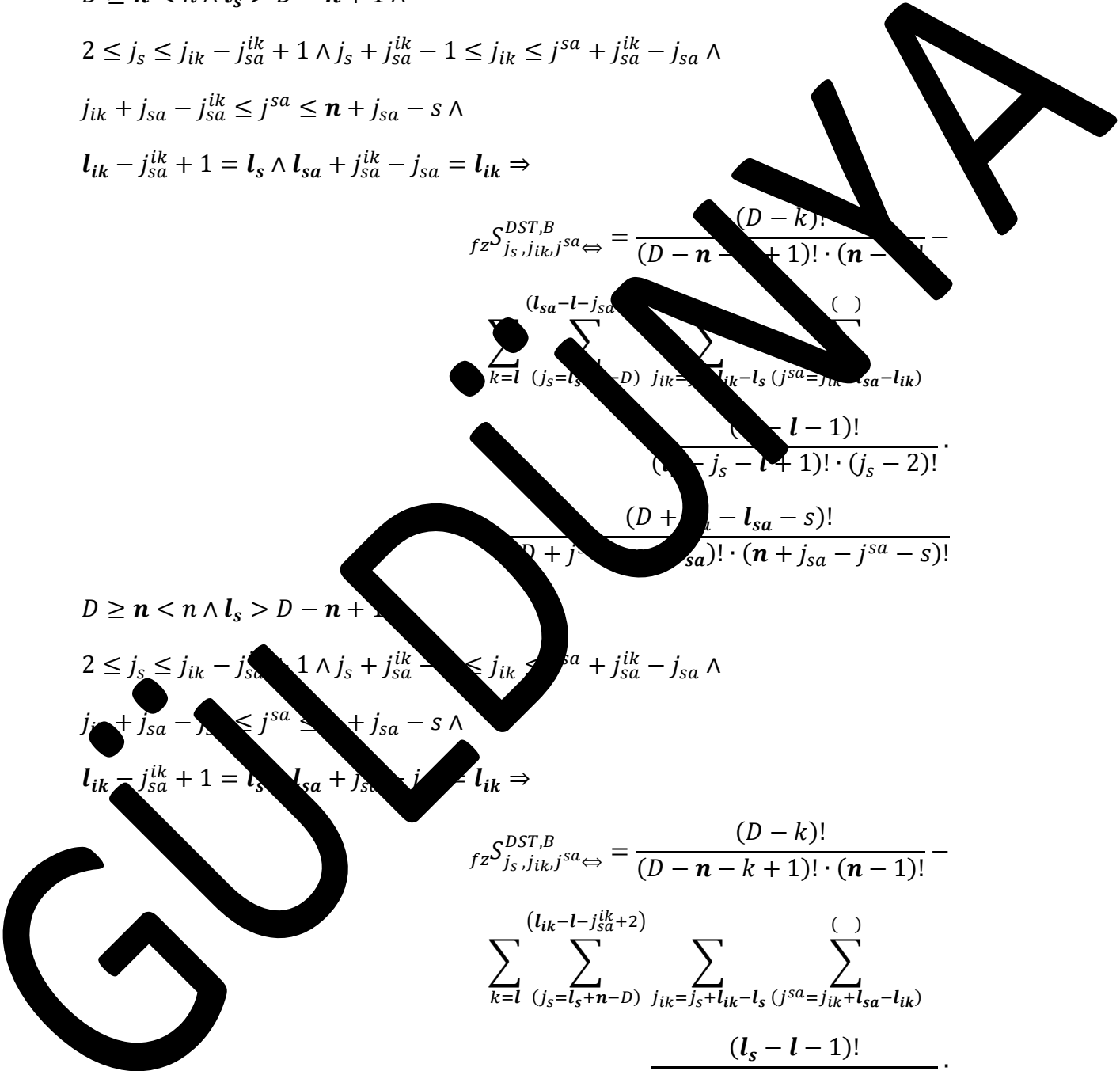
$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_s+n-D)}^{(j_{ik}=j_s+l_{ik}-l_s)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$



$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{(\cdot)}{(j_s=j_{ik}+l_s-l_{ik})}} \sum_{\binom{(\cdot)}{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}} \sum_{\binom{(\cdot)}{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}} \frac{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)!}{(l_s-l-1)! \cdot (j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{(\cdot)}{(j_s=j_{ik}+l_s-l_{ik})}} \sum_{\binom{(\cdot)}{(j_{ik}=l_{ik}+n-D)}} \sum_{\binom{(\cdot)}{(j^{sa}=l_{sa}+n-D)}} \frac{(j^{sa}-l_{ik}-j_{sa}-1)! \cdot (l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)!}{(l_s-l-1)! \cdot (l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right) \cdot \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) + \left(\sum_{k=l} \sum_{\binom{(\cdot)}{(j_s=j_{ik}+l_s-l_{ik})}} \sum_{\binom{(\cdot)}{(j_{ik}=l_{ik}+n-D)}} \sum_{\binom{(\cdot)}{(j^{sa}=l_{sa}+n-D)}} \frac{(l_{ik}-l+1)! \cdot (l_{sa}-l+1)!}{(l_s-l-1)! \cdot (l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right) \cdot \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{j_{ik} = l_{ik} - D}^{l_{ik} - (l_{sa} + 1)} \sum_{j^{sa} = l_{sa} + n - D}^{(l_{sa} + 1)}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa}$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{j^{sa} = l_{sa} + n - D}^{(l_s + j_{sa} - l)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=l_{ik}+n-D)}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} + \dots \right)$$

$$D \geq n < n \wedge l_s > D - n + 1$$

$$D + l_s + j_{sa} - n - 1 \leq l \leq D - n + 1 \wedge$$

$$j_s \leq j_{ik} - l_{ik} + 1 \wedge l_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_s \leq n + j_{sa} - 1 \wedge$$

$$l_{ik} - j_{sa} - 1 = l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

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

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n - l_s + 1)! \cdot (n - j_s + 1)!}{(D - n - l_s + 1)! \cdot (n - j_s + 1)!} \right) -$$

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

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_s + j_{sa} - l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \right) +$$

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

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

GÜLDENSA

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{\binom{D-k}{D-n-k+1} \binom{l_s-l+1}{l_s-l-1}}{(D-n-k+1)! \cdot (n-1)!} -$$

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

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{l_s-l+1} \sum_{j_s=j_{ik}+l_s-l_{ik}}^{l_s-l+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{l_{sa}-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

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

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+l_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l - 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1}^{l_{sa}+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n \wedge n \wedge l_s > D - l_s + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - l - l_{sa} \wedge$$

$$2 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - l_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{\binom{()}{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa}^{sa} - s)!} \cdot \\
& \quad \left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{\binom{()}{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \right) \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_{sa} + j_{sa}^{l_{sa}} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \quad \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa}^{sa} - s)!} + \\
& \quad \left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{\binom{()}{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-1}} \sum_{\binom{()}{j_{sa}=l_{sa}+n-D}} \right) \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_{sa} + j_{sa}^{l_{sa}} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \quad \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa}^{sa} - s)!} \Big)
\end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j_{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq n + l_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j_{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right)$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}} \sum_{\binom{()}{j_{sa} = j_{ik} + l_{sa} - l_{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} - \right)$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = l_s + n - D}} \sum_{\binom{()}{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}} \sum_{\binom{()}{j_{sa} = j_{ik} + l_{sa} - l_{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_{sa} - j_{sa}^{ik} \leq j_{ik} + j_{sa} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n - l_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_{j_s, j_{ik}, j^{sa}}^{A, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(j_s=j_{ik}+l_{sa}-l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (k-1)!} \right)$$

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

$$\left. \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik})} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \right.$$

$$\left. \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right.$$

$$\left. \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!} + \right.$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{(j_{ik} = j_s + l_{ik} - l_s)}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik})! \cdot (l_{ik} - j_{sa})!}{(l_{ik} - l_{sa} - j_{sa}^{ik} - l_s)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}^{(l_s - l + 1)} \sum_{(j_{ik} = j_s + l_{ik} - l_s)}^{(l_s - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\left(\sum_{k=l}^{(l_{sa}+n-D-j_{sa}+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n + l_s > D + 1 \wedge$$

$$2 \leq l \leq D + l_s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge$$

$$l_{ik} - j_s + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

- $D \geq n < n + 1 \wedge D - n > D - n + 1 \wedge$
- $2 \leq l \leq D + l_s + j_{sa} - n - 1 \wedge$
- $2 \leq j_s - j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$
- $j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge$
- $l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s + j_{sa} - l)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$D + n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq D - n + 1 \wedge$$

$$2 \leq j_s - j_{ik} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} - l + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{ST,B} j_s, j_{ik}, j^{sa} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_{ik}-j_{sa}^{ik}} \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}^{ik}-l} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{j_{sa}^{ik}-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_s=l_s+n-D}^{j_{ik}-j_{sa}^{ik}} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$S_{(j_s, j_{ik})}^{DST, (j_s, j_{ik})} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + j_{sa} - n - l_{sa} \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$

$$fz^{S_{j_s, j_{ik}, j^{sa} \Leftrightarrow}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \right) -$$

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

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

$$n \geq n \leq n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(l_{sa} - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

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

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$D \geq n < n \wedge l \neq l \wedge l_s \leq D + j_{sa} - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = j_{sa} + 1)}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \right)$$

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

$$D \geq l_s \wedge n \wedge l \neq j_s \wedge l_{sa} \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$f_{zS}^{DST,B}_{j_s, j_{ik}, j^{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l \neq l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{(j_s=j_{ik}+l_{sa}-l_{ik})}^{(j_s)} \sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{(j_s)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

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

$$\sum_{k=l}^{(j_s)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$D \geq n < n \wedge l \neq l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{(j_s=j_{ik}-k+1)}^{(j_s+j_{sa}-l)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \right) \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} -$$

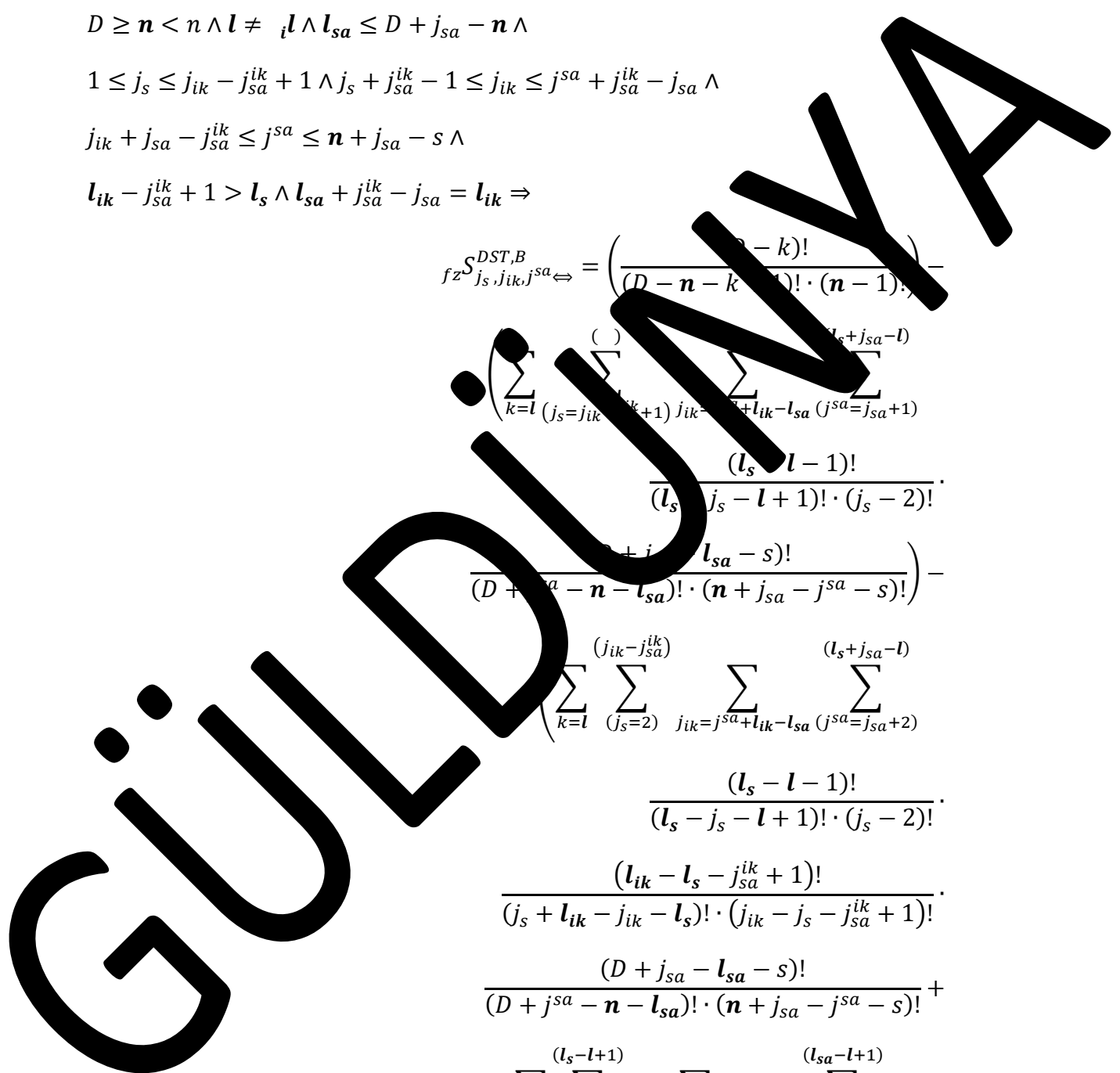
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_s-l+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\cdot)} \sum_{j_s = j_{ik} + l_s - l_{ik}}^{(\cdot)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_s - l_{sa} - 1} \sum_{j^{sa} = j_{ik} + l_{sa} - l_{ik}}^{(\cdot)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\cdot)} \sum_{j_s = j_{ik} + l_s - l_{ik}}^{(\cdot)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_{ik} - l + 1} \sum_{j^{sa} = j_{ik} + l_{sa} - l_{ik}}^{(\cdot)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} - \left(\sum_{k=l} \binom{()}{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \binom{()}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \frac{(l_s-l)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \left(\frac{(D-l_{sa}-s)!}{(D-j^{sa}-n-l_{sa})! \cdot (j^{sa}-j_{sa}-s)!} - \left(\sum_{k=l} \binom{()}{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l} \binom{(l_{sa}-l+1)}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa})! \cdot (j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right) \right) \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right)$$

$$D \leq n < n \wedge l \neq l_s \wedge l_s \leq D - l + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} - \sum_{k=l} \binom{()}{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \binom{()}{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

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

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

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = j_{sa}^{ik} + 1}} \sum_{\binom{()}{j^{sa} = j_{ik} + l_{sa} - l_{ik}}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_{ik} - j_{sa}^{ik}}} \sum_{\binom{()}{j_s = j_{sa}^{ik} + 1}} \sum_{\binom{()}{j^{sa} = j_{ik} + l_{sa} - l_{ik}}} \right) -$$

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

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

$$D - n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + l_{ik} - l_s} (j^{sa} = j_{ik} + l_{sa} - l_{ik}) \sum_{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{ik} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + l_{ik} - l_s} (j^{sa} = j_{ik} + l_{sa} - l_{ik}) \sum_{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$D \geq n < n \wedge l \neq l \wedge l_{sa} \leq D + j_{sa} - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + l_{ik} - l_s} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) \sum_{()} \right)$$

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

$$D \geq n < n \wedge l \neq i_l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} \Rightarrow$$

$$\sum_{k=l}^{DST} \sum_{j_s} j^{sa} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j^{sa}=j_{ik}+l_{sa}-l_{ik}) \sum_{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$n < n \wedge l \neq i_l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik} \Rightarrow$$

$$fz^{S_{j_s, j_{ik}, j^{sa} \Leftrightarrow}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + l_{ik} - l_s} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + l_{ik} - l_s} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_{sa} \leq D - j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \wedge j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} - j^{sa} \leq l_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge j_{sa}^{ik} + j_{sa} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{S_{j_s, j_{ik}, j^{sa} \Leftrightarrow}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa}=j_{ik} + l_{sa} - l_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 =$$

$$fz_{j_s, j_{ik}}^{DSI} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{(l_{sa}-l+1)}^{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq l_s - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s - j_{sa} - n - 1 \wedge$

$S_{j^{sa}}^{DST} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{(l_{sa}-l+1)}^{(j^{sa}=l_{sa}+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = l_{sa} - l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right) \cdot \left(\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j_{sa}^{ik} + 1} \sum_{(j^{sa} = l_{sa} + n - D)} \frac{(l_s + j_{sa} - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right) \cdot \left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} + \sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j_{sa}^{ik} + 1} \sum_{(j^{sa} = l_{sa} + j_{sa} - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right) \cdot \left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{l_s = k - l}^{\binom{()}{l_s = j_{sa}^{ik} - j_{sa} + 1}} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{j^{sa} = l_{sa} + n - D}^{\binom{()}{j^{sa} = l_{sa} + n - D}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa} - n < l_{ik} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{l_s = k - l}^{\binom{()}{l_s = j_{sa}^{ik} - j_{sa} + 1}} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{j^{sa} = l_{sa} + n - D}^{\binom{()}{j^{sa} = l_{sa} + n - D}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_s} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_s} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D + n < n \wedge i \neq l \wedge i \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - 1 \leq i \wedge i - 1 \wedge$$

$$1 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \wedge l + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} - 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - 1 < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_s} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}^{ik}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$$

$$fz_{j_s, j_{sa}}^{S, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - j_s - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{l_{ik}-l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{l_{ik}-l+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{l_{ik}-l+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

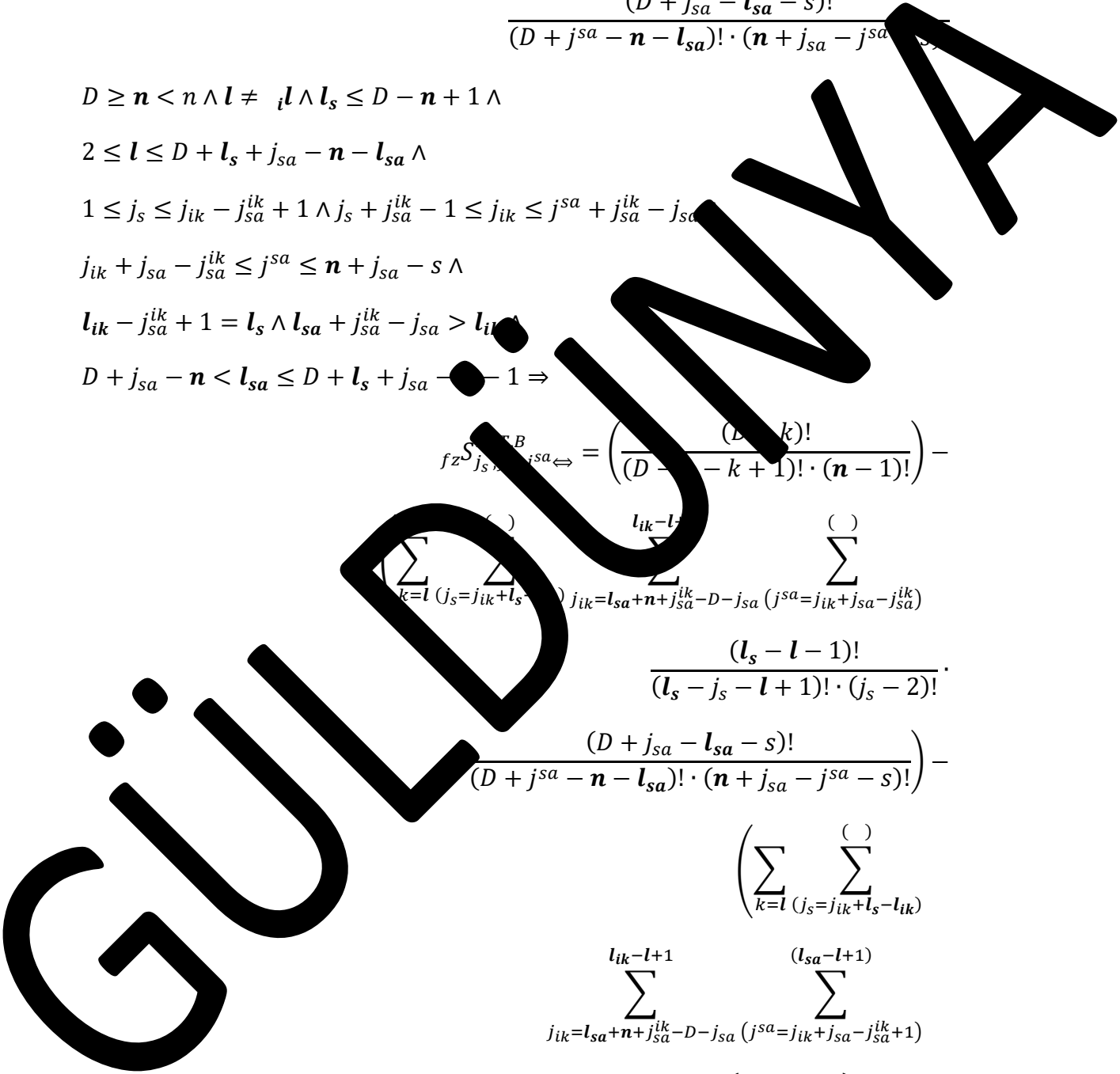
$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{l_{ik}-l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{l_{ik}-l+1} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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



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

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{()} \sum_{(j_{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq n + j_{sa} - s$$

$$l_s - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s - j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n + j_{sa} - j_{sa} - s)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s+j_{sa}^{ik}-l} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{sa}+j_{sa}^{ik}-l_{sa}+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-l+1}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)$$

$$D \geq n < n \wedge l \neq j_s \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_s - n - l_s + 1 \leq l \leq j_s \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} - n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + l_s - n < l_{ik} = D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{sa}+j_{sa}^{ik}-l_{sa}+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$f_{j_s, j_{ik}, j^{sa}} \left(\frac{(D - l_s - j_s + 1)!}{(D - l_s - j_s + k + 1)! \cdot (l_s - l - 1)!} \right) -$$

$$\left(\sum_{i=l_{sa}+n-D-j_{sa}+1}^{l_{ik}-l-j_{sa}^{ik}+2} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{j_{sa}+1} \sum_{j_s=2}^{(j_s)} \sum_{j_{sa}^{ik}=j_{sa}-j_{sa}^{ik}}^{(j_s)} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\sum_{k=l}^{l_{ik}-l-j_{sa}^{ik}+2} \sum_{j_s=l_{sa}+n-D-j_{sa}+1}^{j_{sa}+1} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{j_{sa}+1} \sum_{j_{sa}^{ik}=j_{sa}-j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{j_s=2}^{(j_s)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{j_{sa}+1} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$f_{z^{ST,B}}(j_{ik}, j^{sa}) = \frac{(l_{sa} - k)!}{(D + n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=0}^{(l_{sa} - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + j_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$\begin{aligned}
fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} &= \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) - \\
&\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l+1)} \right) - \\
&\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-l+1)!} \left(\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \right) - \\
&\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_s-l+1)} \right) - \\
&\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
&\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
&\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} + \\
&\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s-l+1)} \\
&\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
&\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
&\frac{(D+j_{sa}-l_{sa}-s)!}{(D+j^{sa}-n-l_{sa})! \cdot (n+j_{sa}-j^{sa}-s)!} \Big)
\end{aligned}$$

$$D \geq n < l \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j_{sa}=j_{ik}+l_{sa}-l_{ik})}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j_{sa}=j_{ik}+l_{sa}-l_{ik})}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right) +$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(l_s-l+1)} \sum_{(j_{sa}=j_{ik}+l_{sa}-l_{ik})}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D+j_{sa}-l_{sa}-s)!}{(D+j_{sa}-n-l_{sa})! \cdot (n+j_{sa}-j_{sa}-s)!} \right)$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

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

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l_{sa} + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa}=j_{ik} + n + j_{sa} - D - j_{sa}^{ik})} \frac{(l - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l_s + 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D + j_{sa}^{ik} - l_{sa} - s)!}{(D + j_{sa}^{ik} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq l - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_s+j_s-k+1}^{l_{ik}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \left(\right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$D + n < n \wedge l_{sa} \neq l \wedge l_{sa} < D - n + 1 \wedge$$

$$D + l_s + j_{sa} - n - l + 1 \leq l - 1 \wedge$$

$$1 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} = j^{sa} \wedge n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - l_{sa} < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$f_z S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \left(\right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + j_{sa} - n - l_{sa} \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik}$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$fz_{j_s, n, j^{sa}}^B \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{D - j_{sa}^{ik} + 1} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{()} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

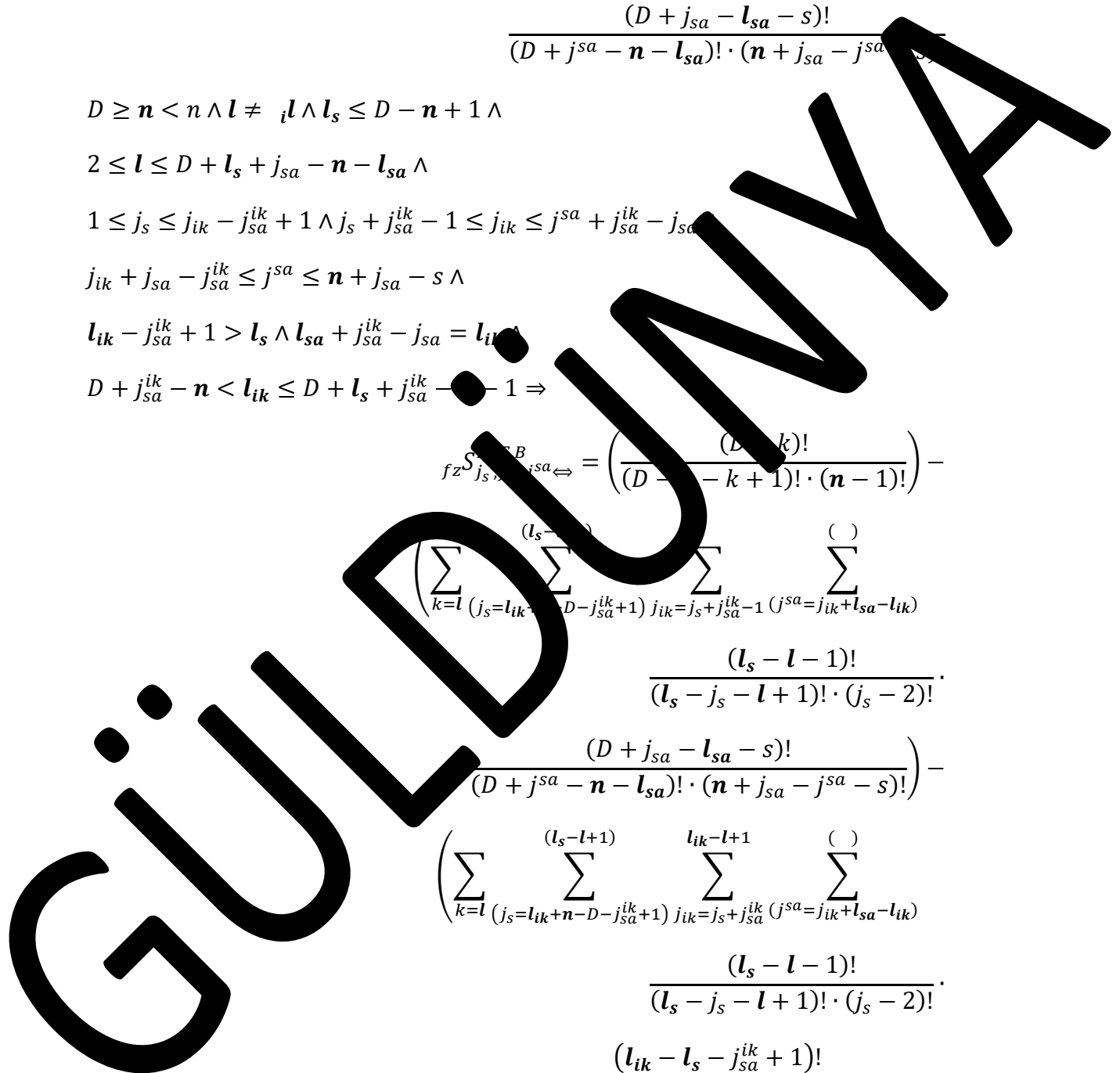
$$\left(\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{l_{ik} - l + 1} \sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{()} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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



$$\sum_{k=l}^{\binom{l_{ik}+n-D-j_{sa}^{ik}}{j_s=2}} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{\binom{()}{j^{sa}=j_{ik}+l_{sa}-l_{ik}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge$

$l_{sa} > D + l_{ik} + j_{sa} - n - j_{sa}^{ik} \Rightarrow$

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

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{(j_s=2)}^{l_{sa}-l+1} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{\binom{l_{sa}-l+1}{j^{sa}=l_{sa}+n-D}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$

$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

$$D \geq n < n \wedge l = l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik}$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{sa}+1)}^{()} \right)$$

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

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

$$D \geq n < n \wedge l = l \wedge l_{sa} \leq D + j_{sa} - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{S_{DST,B}}_{j_s, j_{ik}, j^{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j_s}^{\binom{D}{j_{ik}}} \sum_{j^{sa}=j_{sa}}^{\binom{D}{j^{sa}}} \right) -$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j_s}^{\binom{D}{j_{ik}}} \sum_{j^{sa}=j_{sa}+l_{sa}-l_{ik}}^{\binom{D}{j^{sa}}} \right) -$$

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

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

$$D \geq n < n \wedge l = i! \wedge l_{sa} = D + j_{sa} - n$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq n + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \Rightarrow$$

$$fz^{S_{DST,B}}_{j_s, j_{ik}, j^{sa}} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j_s}^{\binom{D}{j_{ik}}} \sum_{j^{sa}=j_{sa}}^{\binom{D}{j^{sa}}} \right) -$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j_s+1}^{\binom{D}{j_{ik}}} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{\binom{D}{j^{sa}}} \right) -$$

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

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n + 1)!}{(l_{ik} - n - l_s + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{i=1}^{(j_s)} \sum_{j_{ik}=j_{sa}^{ik}}^{(j_s)} \sum_{j_{sa}^{ik}=j_{sa}}^{(j_s)} \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n - s)!} \right) \cdot \left(\sum_{i=1}^{(j_s)} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}}^{(j_s)} \sum_{j_{sa}^{ik}=l_{sa} + n - D}^{(l_{sa} - i + 1)} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D + j_{sa} - l_{sa} - s)!}{(D + j^{sa} - n - l_{sa})! \cdot (n + j_{sa} - j^{sa} - s)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=1}^{\binom{()}{l}} \sum_{j_s=1}^{\binom{()}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}^{\binom{()}{j^{sa}}} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=1}^{\binom{()}{l}} \sum_{j_s=1}^{\binom{()}{j_s}} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j^{sa}=l_{ik}}^{\binom{()}{j^{sa}}} \right)$$

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

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

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n - l_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_s = l_{ik} \wedge$$

$$D + j_{sa} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - j_s - 1$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=1}^{\binom{()}{l}} \sum_{j_s=1}^{\binom{()}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}^{\binom{()}{j^{sa}}} \right)$$

$$\frac{(D + j_{sa} - l_{sa} - s)!}{(D + j_{sa} - n - l_{sa})! \cdot (n - s)!} -$$

$$\left(\sum_{k=1}^{\binom{()}{l}} \sum_{j_s=1}^{\binom{()}{j_s}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}} \right)$$

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

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

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \left(\frac{(D - n + 1)! \cdot (n - 1)!}{(D - n + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{j_s=1}^{j_{ik}} \sum_{j_{sa}^{ik}=j_{sa}}^{j_{sa}^{ik}} \sum_{j_{sa}^{ik}=j_{sa}}^{j_{sa}^{ik}} \sum_{j_{sa}^{ik}=j_{sa}}^{j_{sa}^{ik}}$$

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

$$\sum_{l=l}^{l_{ik}} \sum_{j_s=1}^{j_{ik}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}+1} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{j^{sa}}$$

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

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

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq n + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

GÜLDÜNKYA

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrimin ilk herhangi bir ve son bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin ilk herhangi bir ve son bağımlı durumunun bulunabileceği olaylara bağlı, simetrimin bitişik ve ayırık olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrimin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olasılığı), simetrimin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkıyla elde edilebilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrimin ilk herhangi bir ve son bağımlı durumu arasında, simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin ilk herhangi bir ve son bağımlı durumuna göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için,

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = {}_1S_1^1 - fz_{j_s, j_{ik}, j_i}^{DST}$$

eşitliğin sağındaki terimlerin eşitleri zıldığında

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-j_i)!} \left(\sum_{l=0}^{(j_s - j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s}^{(j_s + s - l)} \sum_{j_i = l_i + n - D}^{(l_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = l_{ik} + n - D}^{j_i + j_{sa}^{ik} - s - 1} \sum_{j_i = l_i + n - D}^{(l_s + s - l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \right)$$

$$\begin{aligned}
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{(l_i - l + 1)} \sum_{(j_i = l_s + s - l + 1)} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!} \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
& \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa}^{ik} - j_{ik} - s)!} \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s}^{(l_s + s - l)} \sum_{(j_i = l_i + n - D)} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
\end{aligned}$$

eşitlikleri elde edilmiştir. Bu eşitliklere simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denilecektir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, $(j_s = l_s + n - D)$ ilk durumu haricinde herhangi bir durumyla başlayan dağılımlarda, simetrinin ilk herhangi bir ve son bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrinin ilk herhangi bir ve son bağımlı durumunun bulunabileceği olaylara bağlı; simetrik durumların bulunmadığı dağılımların sayısına fz^S **ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı** denir. Simetrinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fz^S_{j_s, j_{ik}, j_i}^{DST, B}$ ile gösterilecektir.

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$f_{z^S}^{DST,B}{}_{j_s, j_{ik}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{(j_{ik}=j_i+j_{sa}^{ik}-s)}^{(\quad)} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(\quad)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$f_{z^S}^{DST,B}{}_{j_s, j_{ik}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{(j_{ik}=j_i+j_{sa}^{ik}-s)}^{(\quad)} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(\quad)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_s+n+s-D-1)}^{(l_s+s-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_i+n-D)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s = j_{ik} - l + 1)} \sum_{(j_{ik} = j_i + j_{sa}^{ik} - s)}^{(j_{ik} = j_i + j_{sa}^{ik} - 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s = j_{ik} - l + 1)} \sum_{(j_{ik} = j_i + j_{sa}^{ik} - s)}^{(j_{ik} = j_i + j_{sa}^{ik} - 1)} \sum_{(j_i = l_{ik} + n + s - D - j_{sa}^{ik})}^{(l_s + s - l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{S^{DST, B}} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \frac{\binom{l_i-l+1}}{\binom{l_s-l+1} \cdot \binom{j_s-2}!} \cdot \frac{(D-l_i)!}{(D+l_i-n-l)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{S^{DST, B}} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \frac{\binom{l_{ik}+s-l-j_{sa}^{ik}+1}}{\binom{l_s-l-1}! \cdot \binom{j_s-2}!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{S^{DST, B}} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

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$$fz_{j_s, j_{ik}, j_i}^{DST, A} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{ik}-l)} \sum_{j_{ik}=l_i+n-D}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_{ik} + 1} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_{ik} + n - D}} \sum_{\binom{()}{j_i = j_{ik} + s - j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D - n - l_i - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = l_{ik} + n - D}} \sum_{\binom{()}{j_i = j_{ik} + s - j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

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$fz_{j_s, j_{ik}, j_i}^{DST, A} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_{ik}-l+1} \sum_{\binom{()}{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D)}^{(l_s - l + 1)} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(l_s - l + 1)} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{(n - j_{ik})} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{(l_s - l + 1)} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(l_s - l + 1)} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{(n - j_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l - 1)!} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j_s - 2)!} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{(D - n - l_i)!} \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(j_s+l_{ik}-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-l_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz^S_{j_s, j_{ik}, j_i} = \frac{(D-l_i)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(j_s+l_{ik}-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz^S_{j_s, j_{ik}, j_i} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=l_s+n-D)}^{(j_s+l_{ik}-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_s + 1)}^{(j_s = j_s + j_{sa}^{ik})} \sum_{(j_{ik} = j_i + j_{sa}^{ik})}^{(j_{ik} = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l)!}{(l_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{(j_{ik} = j_i + j_{sa}^{ik} - s)}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)} \sum_{(j_i = l_i + n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=l_{ik}+n-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_i=l_i+n-D)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l)! \cdot (n-j_i)!} + \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l} \sum_{(j_i=l_i+n-D)}^{(l_i-l)} \sum_{(j_i+l-s-l-j_{sa}^{ik}+2)}^{(l_i-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l_s \geq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i - 1 \leq l \leq D - n - 1$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} - j_{sa}^{ik} \leq j_i \leq j_{ik} + j_{sa}^{ik} - s$$

$$j_{ik} - j_{sa}^{ik} - 1 = l_s \wedge l_i - j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

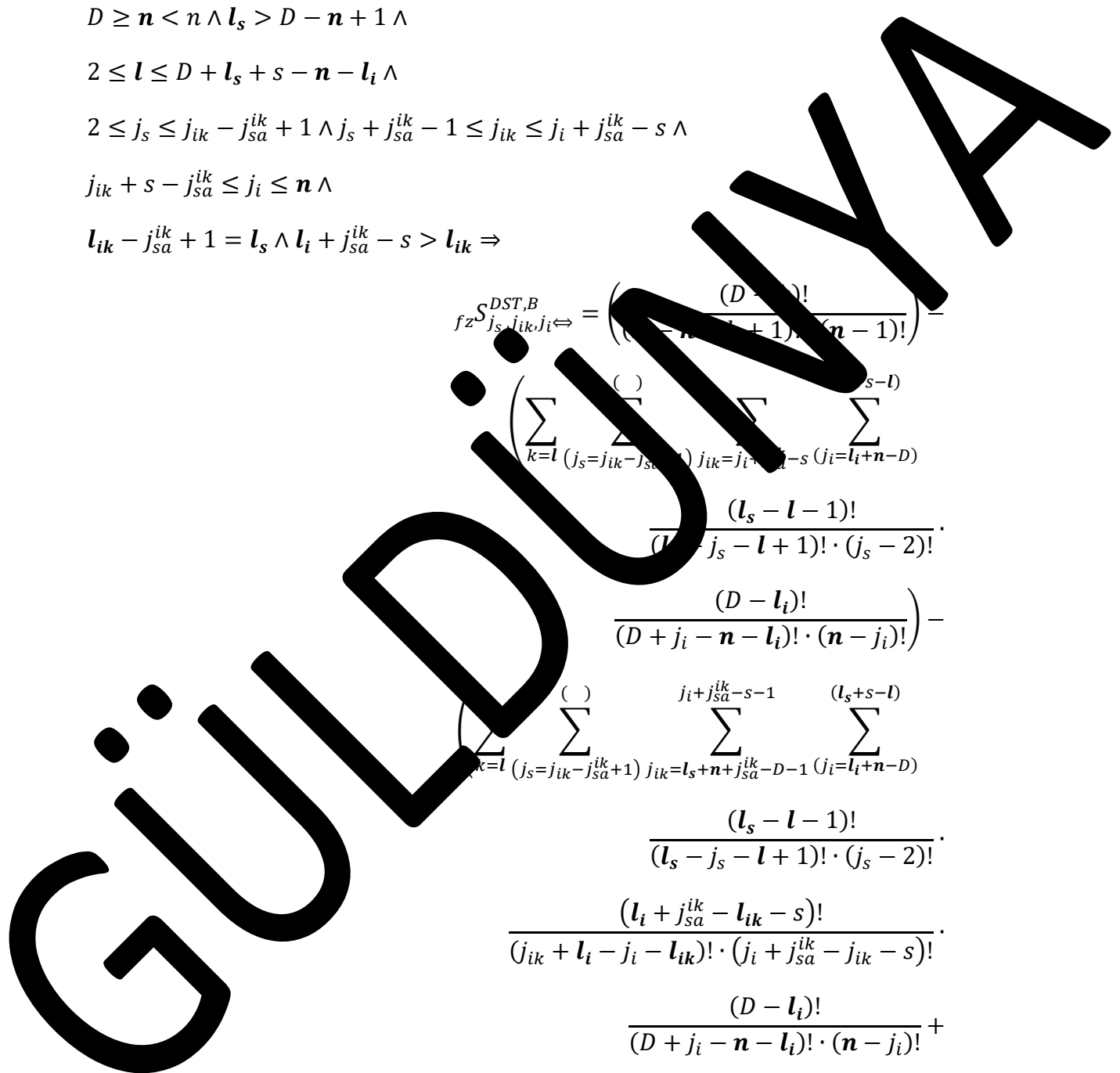
$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{()} \sum_{(j_i=l_i+n-D)}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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



$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow \left(\sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_{sa}^{ik} - l)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s - 1}^{(l + 1)} \sum_{(j_i = l_i + n - D)}^{(n - 1)} \right) \cdot \frac{(D - l)!}{(D - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} - l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s + s - l)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_s + s - l)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s}^{(l_s + s - l)} \sum_{(j_i = l_i + n - D)}^{(l_s + s - l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s} \sum_{(j_i = l_i + n - D)}^{(l_s + s - l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s} \sum_{(j_i = l_i + n - D)}^{(l_i - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l_s < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_s \leq j_i \leq n \wedge$$

$$j_{ik} - 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$f_z^{DST,B}_{j_s j_{ik} j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s} \sum_{(j_i = l_i + n - D)}^{(l_i - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j_i} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{j_{ik}=j_i - j_{sa}^{ik}}^{(\cdot)} \sum_{j_{ik}=j_i + j_{sa}^{ik} - s}^{(\cdot)} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{j_i+j_{sa}^{ik}-s-1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_s+s-l)} \sum_{(j_i=l_i+n-D)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_i-l+1)} \sum_{(j_i=l_s+s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-l_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(j_s-l)} \sum_{(j_s=l_s+n-D)}^{(l_s+s-l)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{(l_i+n-D)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l_s > D - l + 1 \wedge$

$D + l_s + s - n - l + 1 \leq l_s \wedge D - n + 1 \wedge$

$2 \leq j_s \wedge j_{ik} - j_{sa}^{ik} + 1 \leq j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{S_{DST, B}} = \left(\frac{(D - k)!}{(n - j_i + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{j_s=j_{ik}-j_{sa}^{ik}}^{()} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{()} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{()} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{()} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j_i=l_i+n-D}}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - 1 \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$

$\sum_{j_{ik}, j_i \in DST, B} \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}+1}}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}^{()}{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (l_i + j_{sa}^{ik} - l_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$$

$$fz_{j_s, j_{ik}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}^{()}{l_s+j_{sa}^{ik}-l} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=l_s+n-D}}^{(j_{ik}-j_{sa}^{ik})}{l_s+j_{sa}^{ik}-l} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_i \wedge j_{sa}^{ik} - s$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l \wedge l_i + j_{sa}^{ik} - s \leq l_{ik} \Rightarrow$

$\sum_{j_s, j_{ik}, j_i}^{ST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} (j_i=j_{ik}+s-j_{sa}^{ik}) \frac{(l_s-l)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \right.$$

$$\left. \frac{(D-l)!}{(D-j_i-l+1)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{l_s+j_{sa}^{ik}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \right.$$

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

$$\left. \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \right.$$

$$\left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l \leq n \wedge l_s \leq n + 1 \wedge$$

$$2 \leq l \leq D \wedge l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_i-l-1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_i-l-1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l}^{(l_i+l-1)} \sum_{(j_s=l_i+n-D-j_{sa}^{lk}+1)}^{j_{ik}=j_s+j_{sa}^{lk}-1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{lk}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{lk}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D-n < l \wedge l_s > D-n+1 \wedge$$

$$D+l_s+s < n-l_i+1 \leq l \leq D-n+1 \wedge$$

$$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j_i+j_{sa}^{ik}-s \wedge$$

$$j_{ik}+s-j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik}-j_{sa}^{ik}+1 = l_s \wedge l_i+j_{sa}^{ik}-s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (l_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)}^{(l_i-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - l_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$$

$$fz S_{j_s, j_{ik}}^{DST, A} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s-l+1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$

$fz_{j_s, j_{ik}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D-s)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge D \geq n + 1 \wedge$$

$$2 \leq l \leq l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s+l-1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_s+s-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_{ik}-j_{sa}^{ik})}^{(l_s+l-1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j_{ik}+1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_s+s-l+1)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D-n+1 \leq l \leq D-n+1 \wedge l_s > D-n+1 \wedge$$

$$D+l_s+s-n-l_i+1 \leq l \leq D-n+1 \wedge$$

$$2 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j_i+j_{sa}^{ik}-s \wedge$$

$$j_{ik}+s-j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik}-j_{sa}^{ik}+1 > l_s \wedge l_i+j_{sa}^{ik}-s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)} \sum_{j_{ik}=j_i+j_{s_a}^{ik}-s} \sum_{(j_i=l_{ik}+n+s-D-j_{s_a}^{ik})}^{(l_{ik}+s-l-j_{s_a}^{ik}+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{s_a}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_{ik} - l_{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{s_a}^{ik} + 1 \wedge j_s + j_{s_a}^{ik} - 1 \leq j_{ik} \leq j_i + j_{s_a}^{ik} - s \wedge$$

$$j_{ik} + s - j_{s_a}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{s_a}^{ik} + 1 > l_s \wedge l_i + j_{s_a}^{ik} - s = l_{ik}$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{s_a}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{s_a}^{ik}-l} \sum_{(j_i=j_{ik}+s-j_{s_a}^{ik})}^{(\quad)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{s_a}^{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{s_a}^{ik}-l} \sum_{(j_i=j_{ik}+s-j_{s_a}^{ik})}^{(\quad)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_i \leq j_{ik} - j_{sa}^{ik} - s$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s \leq l_{ik} \Rightarrow$

$\sum_{j_s, j_{ik}, j_i}^{A, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{()} \right) \cdot$$

$$\frac{(l_s-l)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l)!}{(D-j_i-l)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{()} \right) \cdot$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{()} \cdot$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - j_i)!} \cdot \sum_{k=l}^{\binom{D-k}{j_s}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\binom{D-k}{j_s}} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{\binom{D-k}{j_s}} \sum_{(j_i=s+1)}^{\binom{D-k}{j_s}} \frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{\binom{D-k}{j_s}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{\binom{D-k}{j_s}} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{\binom{D-k}{j_s}} \sum_{(j_i=s+1)}^{\binom{D-k}{j_s}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{ik+s-l}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=s+1)}^{(l_{ik+s-l}-j_{sa}^{ik}+1)} \right.$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_i+j_{sa}^{ik}-s-1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{(l_{ik+s-l}-j_{sa}^{ik}+1)} \sum_{(j_i=s+2)}^{(l_{ik+s-l}-j_{sa}^{ik}+1)} \right.$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{ik}-l+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_i-l+1)} \sum_{(j_i=l_{ik+s-l}-j_{sa}^{ik}+2)}^{(l_i-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D-n-k+1 \neq l \wedge l_s \leq D-n+1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=s+1)}^{(l_s+s-l)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=s+2)}^{(l_s+s-l)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_i=s+2)}^{(l_s+s-l)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_s+j_{sa}^{ik}-l)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_i-l+1)} \sum_{(j_i=l_s+s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$\sum_{k=l}^{DST,B} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(D-k)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(D-k+1)} \sum_{(j_i=l_s+s-l+1)}^{(D-k)} \frac{(D-k)!}{(D-k+1)! \cdot (n-1)!} -$$

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

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{(l_i-l+1)} \sum_{(j_i=s+2)}^{(l_s+s-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \right)$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_{ik+s-l-j_{sa}^{ik}+1})} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_s+s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - l + 1)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$

$l_i \leq D + s - n) \vee$

$(D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_i + j_{sa}^{ik} - s > l_s \wedge$

$l_i \leq D + s - n) \Rightarrow$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=s+1)}^{(l_s+s-l)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{j_i + j_{sa}^{ik} - s - 1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s + s - l)} \sum_{(j_i=s+2)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_i - l + 1)} \sum_{(j_i=l_s + s - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_s + s - l)} \sum_{j_{ik}=j_i + j_{sa}^{ik} - s} \sum_{(j_i=s+2)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+l_s-s+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(\quad)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(\quad)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(\quad)} \frac{(l_{ik}-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \left(\frac{(D-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(l_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \right) \right)$$

$$l_s \geq n \wedge l_i \neq l \wedge l_i \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{l_s+j_{sa}^{ik}-l} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz \mathcal{S}_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \sum_{(j_{ik} = j_{sa}^{ik} - l)}^{(\cdot)} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{(\cdot)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \sum_{(j_{ik} = j_{sa}^{ik} + 1)}^{l_s + j_{sa}^{ik} - l} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{\binom{()}{l_s+j_{sa}^{ik}-l}} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{\binom{()}{l_s+j_{sa}^{ik}-l}} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{\binom{()}{l_s+j_{sa}^{ik}-l-s+1}} \sum_{\binom{()}{j_{ik}=l_s+j_{sa}^{ik}-l+1}} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz_{j_s}^{T,B} \Leftrightarrow = \left(\frac{(D-l)!}{(D-l-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_s+j_{sa}^{ik}-l)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s+j_{sa}^{ik}-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(l_s+j_{sa}^{ik}-l)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \right) -$$

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

$$\frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_s + j_{sa}^{ik} - l + 1}^{(l_i - l + 1)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})}^{(l_i - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (l_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s - j_{sa}^{ik} - l} \sum_{j_{ik}=j_{sa}^{ik} + 2}^{(l_i - j_{sa}^{ik} - l)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})}^{(l_i - j_{sa}^{ik} - l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l_i \wedge n \wedge l \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_i - l - s + 2)} \sum_{(j_s=2)}^{(l_i - l - s + 2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_i - l - s + 2)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})}^{(l_i - l - s + 2)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$$fz^{S_{j_s, j_{ik}, j_i}^{DST, B}} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_s=j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j_i = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$

$l \leq D - n \Rightarrow$

$$fz^{S_{j_s, j_{ik}, j_i}^{DST, B}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_s=j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j_i = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_i-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_{sa}^{ik} - l_i - s)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$f_{z^D}^{T,B}(j_s, j_{ik}, j_i) \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_i-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fzS_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})}^{(l_s - l + 1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \right) \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \wedge j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge j_s + j_{sa}^{ik} - l_{ik} \wedge$$

$$k \leq D - j_{sa}^{ik} - n \Rightarrow$$

$$fzS_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})}^{(l_s - l + 1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik} (j_i=j_{ik}+s-j_{sa}^{ik})} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \right) \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-l_i)! \cdot (j_i-j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \vee$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1 (j_i=j_{ik}+s-j_{sa}^{ik})} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \right) \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=j_s + j_{sa}^{ik} (j_i=j_{ik} + s - j_{sa}^{ik})}^{(l_i - l + 1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\left(\sum_{k=l}^{(l_s - l)} \sum_{(j_s=2)}^{l_{ik} - l} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1 (j_i=j_{ik} + s - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_i + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq l_i < n \wedge l \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$j_{ik} - 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_i+n-D)} \binom{l_{ik}+s-l-j_{sa}^{ik}+1}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \\
& \left. \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j_i=l_i+n-D)} \binom{j_i+j_{sa}^{ik}-s-1}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \binom{l_{ik}+s-l-j_{sa}^{ik}+1}{(j_i=l_i+n-D)} \right) \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \\
& \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \left. \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j_i=l_i+n-D)} \binom{l_i-l+1}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \binom{l_i-l+1}{(j_i=l_i+n-D)} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \\
& \quad \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)
\end{aligned}$$

$$D - n < l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{l_{ik} - l + 1} \sum_{\binom{()}{j_{ik} = j_{sa}^{ik} + 1}} \sum_{(j_i = l_i + n - D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - l_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$

$D + s - n < l_i \leq D + l_{ik} - n - j_{sa}^{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right.$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s} \sum_{\binom{()}{j_i = l_i + n - D}} \right.$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{j_{ik} = j_{sa}^{ik} + 1} \sum_{\binom{()}{j_i = l_i + n - D}} \right.$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \binom{()}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \binom{(l_i-l+1)}{(j_i=l_s+s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n - l_i \leq D - l_{ik} + s - n - j_s$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \binom{()}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \binom{(l_i-l+1)}{(j_i=l_i+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (l_i-1)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s-1)} \sum_{(j_{ik}=j_i+j_{sa}^{ik}-s)}^{(l_s-1)} \sum_{(j_i=l_i+n-D)}^{(l_s-1)} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_i-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_{ik}=j_i+j_{sa}^{ik}-s)} \sum_{(j_i=l_i+n-D)}^{(l_s+s-1)} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{(j_{ik}=j_i+j_{sa}^{ik}-s)} \sum_{(j_i=l_s+s-l+1)}^{(l_i-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k)! \cdot (n - 1)!} \cdot \sum_{k=1}^{(l_s - 1)} \sum_{s=2}^{(l - l + 1)} j_{ik} + j_{sa}^{ik} - s \quad (j_i = l_i + n - D)$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s + s - l)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_s + s - l)} \sum_{j_{ik} = j_i + j_{sa}^{ik} - s}^{(l_s + s - l)} \sum_{(j_i = l_i + n - D)}^{(l_s + s - l)} \right) \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i - l)!}{(D + j_i - n - l)! \cdot (n - j_i)!} \cdot$$

$$\left(\sum_{k=l}^{(j_{ik} - j_i + 1)} \sum_{(j_s = 2)}^{(l_s + s - l)} \sum_{j_{ik} = l_{ik} + n - D}^{(l_s + s - l)} \sum_{(j_i = l_i + n - D)}^{(l_s + s - l)} \right) \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = 2)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{(l_i - l + 1)} \sum_{(j_i = l_s + s - l + 1)}^{(l_i - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1) \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1) \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz_{j_s}^{T,B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(\cdot)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j_i=l_i+n-D}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - 1$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}}^{DS} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \frac{l_s+j_{sa}^{ik}-l}{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}+1}} \frac{l_s+j_{sa}^{ik}-l}{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j_i=l_i+n-D}}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (l_i + j_{sa}^{ik} - l_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$

$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 =$

$\Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \right) -$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=2}}^{\binom{()}{j_s=2}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}} \right) -$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l \wedge l_i + j_{sa}^{ik} - s \leq l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n \leq l_{ik} \leq l_s + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz^{ST,B} j_i \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_s=j_{sa}^{ik}+1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(j_{ik} - l)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{(j_{ik} - l)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

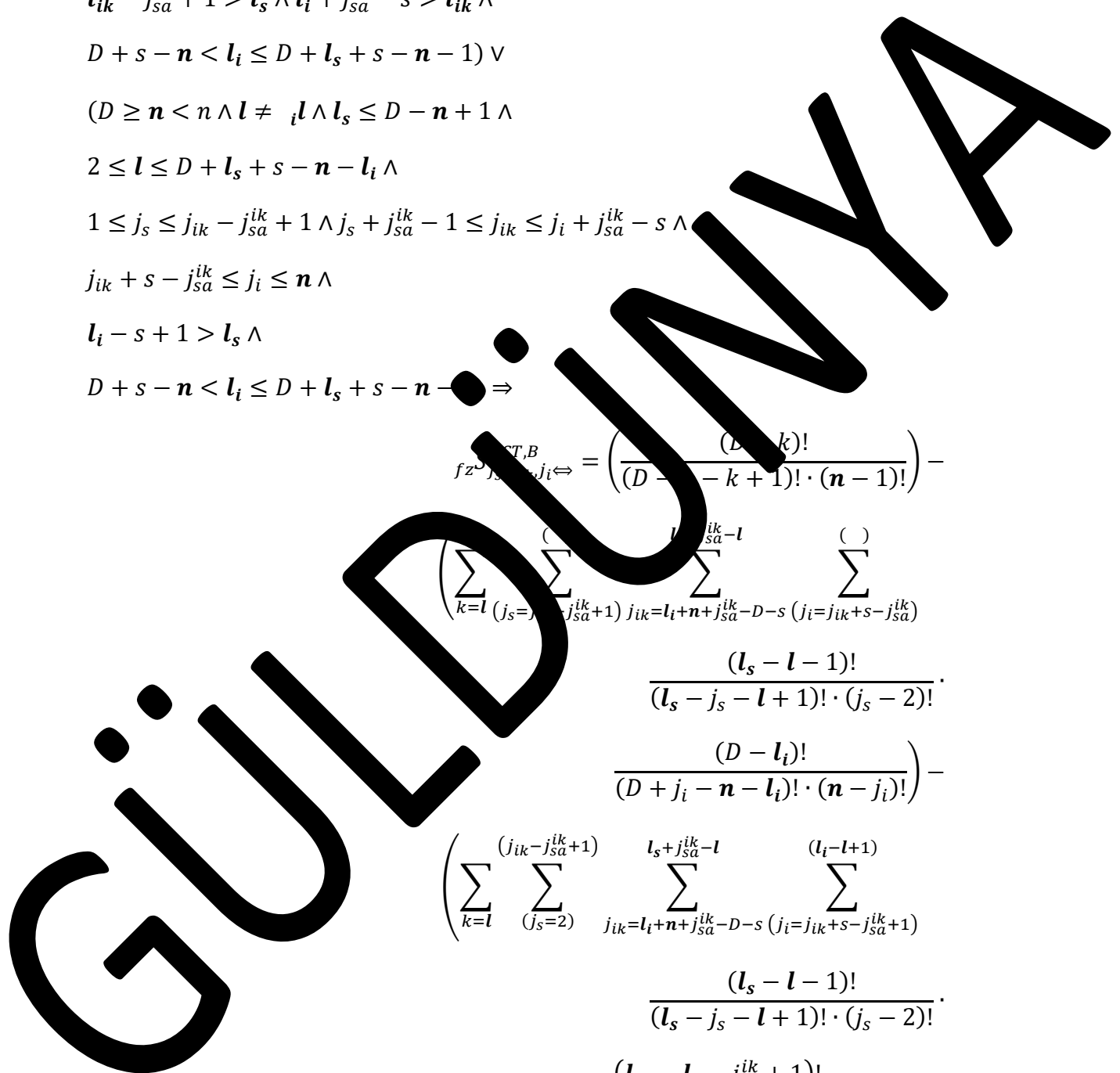
$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_s=2}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(l_s + j_{sa}^{ik} - l)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}+1}^{(l_i - l + 1)} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$



$$\begin{aligned}
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_i - l + 1)} \sum_{(j_i=l_i + n - D)} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s=2)}^{l_{ik} - 1} \sum_{j_{ik}=l_i + j_{sa}^{ik} - l + 1}^{(l_i - l + 1)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_i + n + j_{sa}^{ik} - D - s}^{(\quad)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik})} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
\end{aligned}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

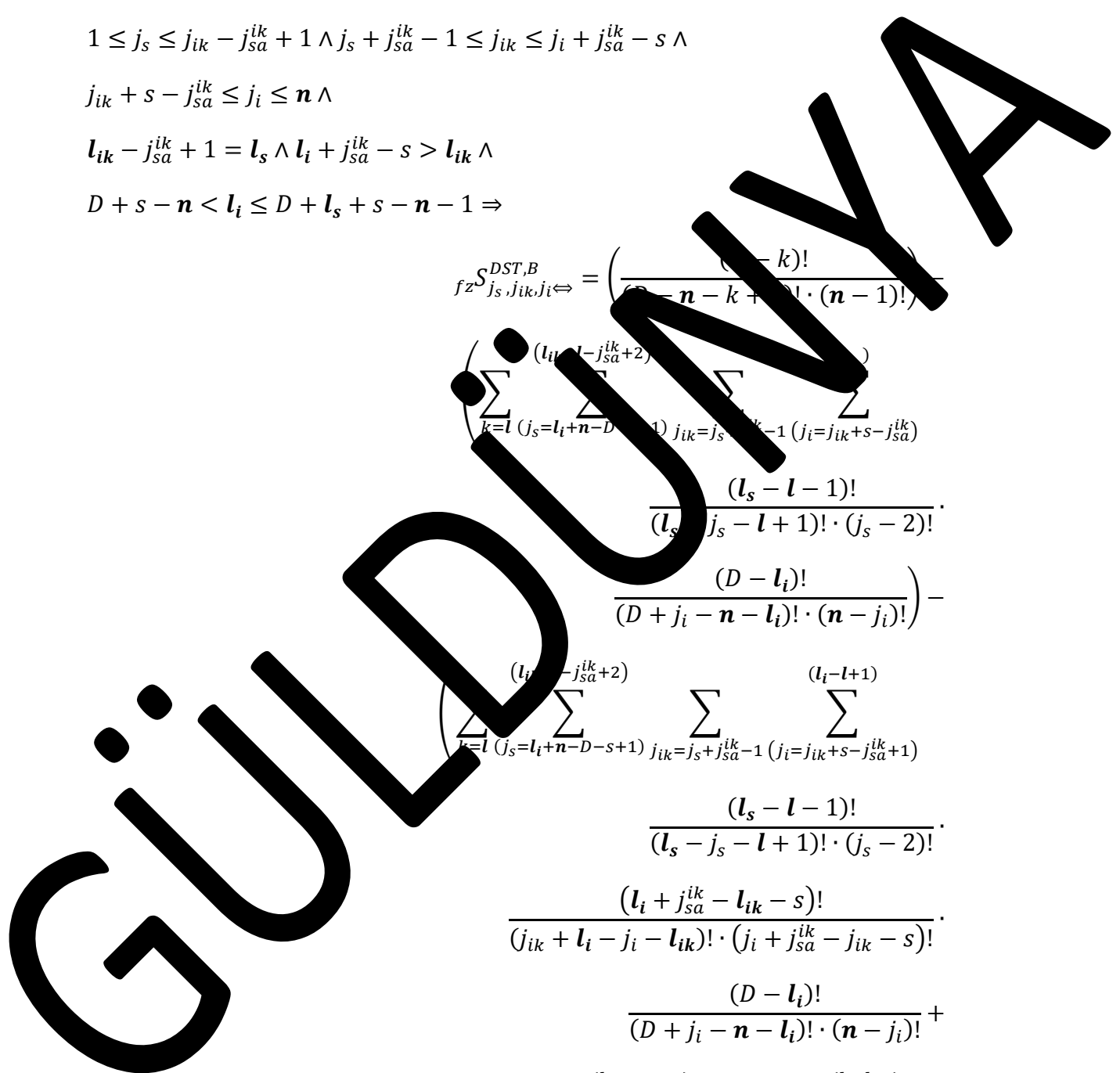
$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l}^{(l_i - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - k + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_i - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik} + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

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



$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=1}^{(l_{ik} - l_s - 2)} \sum_{(j_s=2)}^{(l_i - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_i - l + 1)} \sum_{(j_i=l_i + n - D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{s_a}^{ik}-1} \sum_{(j_i=j_{ik}+s-j_{s_a}^{ik})}^{()} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{s_a}^{ik}-1} \sum_{(j_i=j_{ik}+s-j_{s_a}^{ik}+1)}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{s_a}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{s_a}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_i+n-D-s+1)} \sum_{(j_s=2)}^{(l_i-l+1)} \sum_{j_{ik}=j_s+j_{s_a}^{ik}-1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{s_a}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{s_a}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D > n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D \wedge j_s + s - n - l_i \wedge$$

$$j_{ik} - j_{s_a}^{ik} + 1 \wedge j_s + j_{s_a}^{ik} - 1 \leq j_{ik} \leq j_i + j_{s_a}^{ik} - s \wedge$$

$$j_{ik} + s - j_{s_a}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{s_a}^{ik} + 1 > l_s \wedge l_i + j_{s_a}^{ik} - s = l_{ik} \wedge$$

$$D + j_{s_a}^{ik} - n < l_{ik} \leq D + l_s + j_{s_a}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-l+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-l-s+1}^{(l_s-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(l_s-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$l_s \wedge l \neq l_i \wedge l_s \leq D-n+1 \wedge$$

$$2 \leq l \leq D+l_s+s-n-l_i \wedge$$

$$1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s+j_{sa}^{ik}-1 \leq j_{ik} \leq j_i+j_{sa}^{ik}-s \wedge$$

$$j_{ik}+s-j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - k + 1) \cdot (n - 1)!} \right) \cdot \left(\sum_{l=1}^{(l+1)} \sum_{j_s=l_i+n-D-s+1}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{(l_i-l+1)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(l_s-l+1)} \sum_{j_s=l_i+n-D-s+1}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(l_{ik}-l+1)} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{(l_i-l+1)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_i+n-D-s)} \sum_{j_s=2}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{ik}-l+1)} \sum_{j_i=l_i+n-D}^{(l_i-l+1)}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(l_s-l+1)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_s-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq n - 1 \wedge$$

$$2 \leq l \leq D + l_s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n - l_i \leq D + j_i + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{()} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_s+s-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j_i + j_{sa}^{ik} - s} \sum_{(j_i=l_{ik} + n + s - D - j_{sa}^{ik})}^{(l_s + s - l)} \right.$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l)} \sum_{(j_s=2)} \sum_{j_{ik}=j_i + j_{sa}^{ik} - s} \sum_{(j_i=l_s + s - l + 1)}^{(l_{ik} - l - j_{sa}^{ik} + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$D + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$j_s \leq j_{sa}^{ik} + 1 \wedge s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + j_{sa}^{ik} \leq j_i + j_{sa}^{ik} \wedge$$

$$l_{ik} - j_{sa}^{ik} > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_i + j_{sa}^{ik} - s} \sum_{(j_i=l_{ik} + n + s - D - j_{sa}^{ik})}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$f_{z^j}^{T,B} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_s=2}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_{ik} + n - D}^{(j_i = j_{ik} + s - j_{sa}^{ik})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_s=2}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_{ik} + n - D}^{(j_i = j_{ik} + s - j_{sa}^{ik})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - 1$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz_{j_s, j_i}^{S, T, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} j_{ik} = j_s + j_{sa}^{ik} - 1 \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - 1)! \cdot (n - 2)!} \cdot \frac{(l_i - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} j_{ik} = j_s + j_{sa}^{ik} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - 1)!}{(l_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=l}^{(l_{ik} + n - D - j_{sa}^{ik})} \sum_{(j_s = 2)}^{l_{ik} - l + 1} j_{ik} = l_{ik} + n - D \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i > D + l_{ik} + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - j_i)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_i - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j_{ik} + n - D)} \frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_{sa}^{ik} + j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_{ik} > D + l_{ik} + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik} + n - D}^{(j_i = j_{ik} + s - j_{sa}^{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{(j_i = l_{ik} + l - k)}^{(n - l + 1)} \frac{(l_s - j_s - l - 1)! \cdot (j_s - 2)! \cdot (l_{ik} - l_s - j_{sa}^{ik} - 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)! \cdot (l_{ik} - j_{sa}^{ik} - l_{ik} - s)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_s + j_{sa}^{ik} - 1 = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j_i=s)}^{()} \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

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

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s+1}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{\binom{D-l_i}{D+s-n-l_i} \cdot (l_i + j_{sa}^{ik} - l_{ik} - s)!}{(l_i + j_{sa}^{ik} - j_i - l_{ik})! \cdot (j_i - s)!} -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \Big)$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=s+1)}^{(l_{ik}+s-i-l-j_{sa}^{ik}+1)} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n) \vee$$

$$(D \geq n < n \wedge l = i \wedge l_i \leq D + s -$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n) \vee$$

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n) \vee$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j_i=s)}^{()} \right) -$$

$$\frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} l_{ik-i}^{l+1} \sum_{j_{ik}=j_{sa}^{ik}}^{(l-i^{l+1})} \sum_{(j_i=s+1)} \right) \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik}$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$

$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$

$fz_{j_s}^{s, B} \Leftrightarrow \left(\frac{(D - k)!}{(n - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j_i=s)}^{()} \right)$$

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

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} l_{i+j_{sa}^{ik}-i}^{l-s+1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{()} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{()} \right)$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{\binom{D-l_i}{D+s-n-l_i}}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{l_{ik}-l_s+l_{sa}^{ik}+1}{l_{ik}-l_s+l_{sa}^{ik}+1}} \sum_{j_s=1}^{\binom{l_{ik}-l_s+l_{sa}^{ik}+1}{l_{ik}-l_s+l_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\binom{l_{ik}-l_s+l_{sa}^{ik}+1}{l_{ik}-l_s+l_{sa}^{ik}+1}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\binom{l_{ik}-l_s+l_{sa}^{ik}+1}{l_{ik}-l_s+l_{sa}^{ik}+1}} \right) -$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - i + 1 \wedge$$

$$1 \leq j_i \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 < j_i \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

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

$$\left(\sum_{k=i}^{\binom{D-l}{j_s=1}} \sum_{j_{ik}=j_{sa}^{lk}}^{\binom{l_i-l+1}{j_i=l_i+n-D}} \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(l_i + j_{sa}^{ik} - j_i - l_{ik})! \cdot (j_i - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$fz_{j_s}^{S,T,B} = \left(\frac{(D-l)!}{(D-l-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l}{j_s=1}} \sum_{j_{ik}=j_{sa}^{lk}}^{\binom{D-l+1}{j_i=l_i+n-D}} \frac{(D-l)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l}{j_s=1}} \sum_{j_{ik}=j_i+j_{sa}^{lk}-s}^{\binom{l_i-l+1}{j_i=l_i+n-D}} \frac{(l_{ik} - l_s - j_{sa}^{lk} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{lk})!} \cdot \frac{(D-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$(D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{lk} + 1 \wedge j_s + j_{sa}^{lk} - 1 \leq j_{ik} \leq j_i + j_{sa}^{lk} - s \wedge$$

$$j_{ik} + s - j_{sa}^{lk} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{lk} + 1 > l_s \wedge l_i + j_{sa}^{lk} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{j_s=1}^{()} \sum_{j_{sa}^{ik}=j_s}^{()} \sum_{j_i=s}^{()} \right) -$$

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

$$\left(\sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{j_i=l_i+n-D}^{()} \right) -$$

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

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{n-s}{n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_i=s}^{\binom{n-l_i}{n-l_i}} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{l_i+j_{sa}^{ik}-l-s+1}{l_i+j_{sa}^{ik}-l-s+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{\binom{n-l_i}{n-l_i}} \sum_{j_i=l_i+n+s-j_{sa}^{ik}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+l_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$

$D + s - n < l_i \leq D + l_s + \dots - n - 1 \Rightarrow$

$S_{j_s, j_i}^{DST, E} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{n-s}{n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_i=s}^{\binom{n-l_i}{n-l_i}} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{l_{ik}+s-l-j_{sa}^{ik}+1}{l_{ik}+s-l-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{\binom{n-l_i}{n-l_i}} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=i}^l \sum_{(j_s=1)}^{l_i - k + 1} \sum_{j_{ik}=j_{sa}^{ik}}^{(j_i)} \frac{(j_i - l_i - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i > D + l_s + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=i}^l \sum_{(j_s=1)}^{(l_i - i + 1)} \sum_{j_{ik}=j_{sa}^{ik}}^{(j_i)} \sum_{(j_i=l_i+n-D)}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(l_i + j_{sa}^{ik} - j_i - l_{ik})! \cdot (j_i - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow$

$$\sum_{k=i}^D \sum_{(j_s=1)}^{(l_{ik}-i^{l+1})} \sum_{j_{ik}=l_{ik}-D}^{(j_i=l_i+n-D)} \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \frac{(l_i - l_s - j_{sa}^{ik} + 1)!}{(j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_i > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow$

$$\sum_{k=i}^D \sum_{(j_s=1)}^{(l_{ik}-i^{l+1})} \sum_{j_{ik}=l_{ik}+n-D}^{(j_i=j_{ik}+s-j_{sa}^{ik})} \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j_i + l_{ik} - l_i} \sum_{(j_i = l_i + n - D)} \frac{(l_i - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = j_i + l_{ik} - l_i} \sum_{(j_i = l_{ik} + n + s - D - j_{sa}^{ik})} \frac{(l_{ik} + s - l - j_{sa}^{ik} + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_i+l_{ik}-l_i)} \sum_{(j_i=l_i+s-D-1)}^{(l_s+s-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_i+l_{ik}-l_i)} \sum_{(j_i=l_i+n-D)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz^{DST,A}_{j_s, j_{ik}} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_s+s-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\quad)} \sum_{(j_{ik} = j_i + l_{ik} - l_i)}^{(\quad)} \sum_{(j_i = l_s + n + s - D - 1)}^{(\quad)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\quad)} \sum_{(j_{ik} = j_i + l_{ik} - l_i)}^{(\quad)} \sum_{(j_i = l_s + n + s - D - 1)}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_i + j_{sa}^{ik} - l - s + 1} \sum_{(j_i = j_{ik} + l_i - l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j_i = j_{ik} + l_i - l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_s+j_{sa}^{ik}-l}^{j_{ik}=l_s+n+j_{sa}^{ik}-D-1} \sum_{\binom{()}{j_i=j_{ik}+l_i-l_{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j_i}^{DST, A} = \frac{(D - l_i)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \sum_{\binom{()}{j_i=j_{ik}+l_i-l_{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_s+j_{sa}^{ik}-l}^{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \sum_{\binom{()}{j_i=j_{ik}+l_i-l_{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - l + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s = j_{ik} + l)}^{()} \sum_{(j_{ik} = l_{ik} + n - D)}^{()} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{()} \sum_{(j_{ik} = l_{ik} + n - D)}^{()} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=l_i+n-D-s+1)}^{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-l_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}}^{DST,A} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{ik}-D-j_{sa}^{ik}+1)}^{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - l + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik}}^{(l_s - l + 1)} \sum_{j_i = j_{ik} + l_i - l_{ik}}^{(l_s - l + 1)} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_s - l + 1)} \sum_{j_i = j_{ik} + l_i - l_{ik}}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_i - l - s + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l - s + 2)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_s - l - s + 2)} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{(n - j_i)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_s - l + 1)} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{(n - j_i)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot$$

$$\sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=l_s+n-D)}^{(l_i-l-s+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(l_{ik}-l-j_{sa}^{ik})} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_i+n-D)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \right)$$

$$\left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_i=l_i+n-D)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq l_i \wedge n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$j_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz^{DST,B} j_s, j_{ik}, j_i \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{j_{ik}+l_s-l}^{(\cdot)} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s}^{(\cdot)} \sum_{j_i=l_i+n-D}^{(l_s+s-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

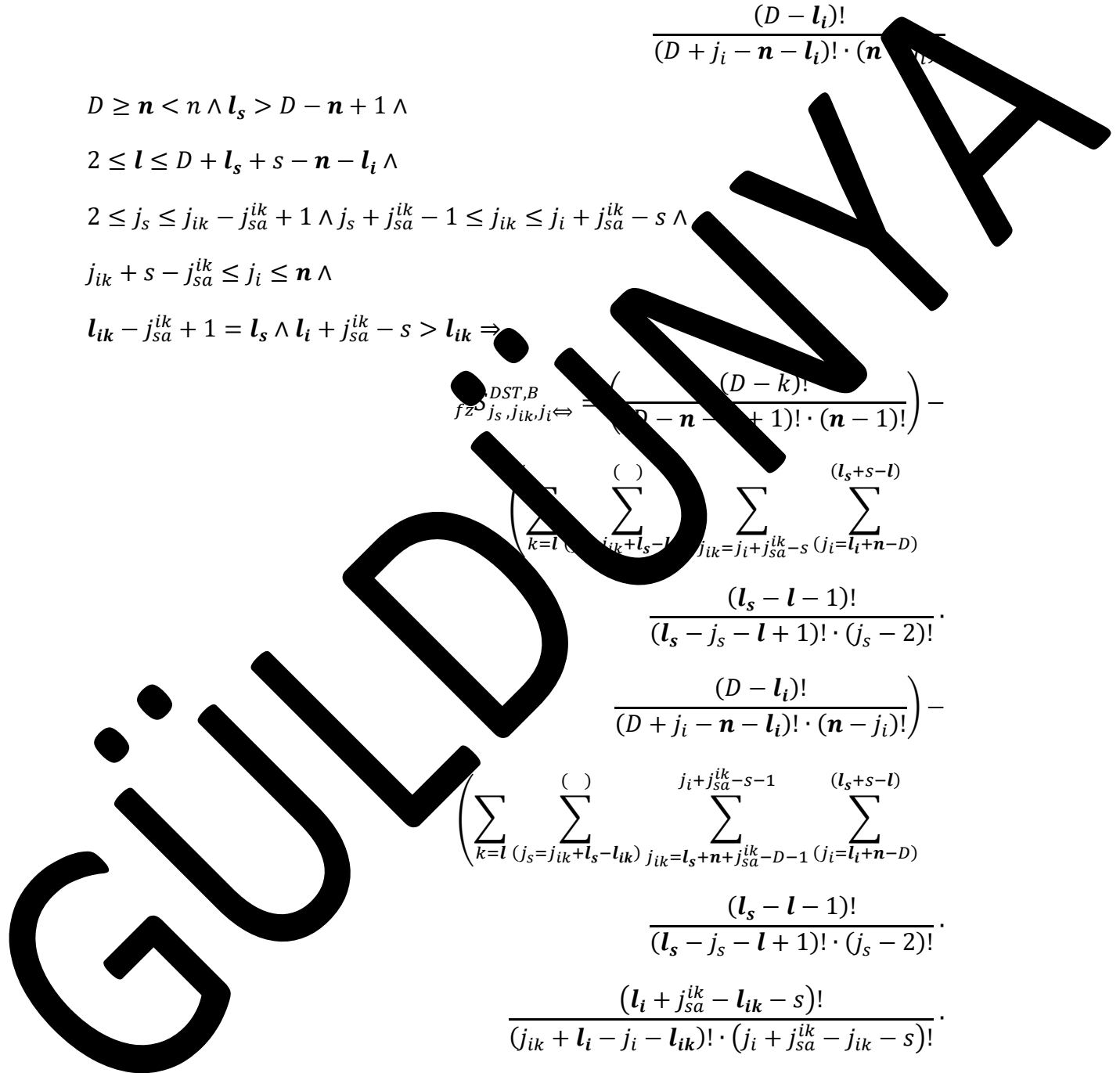
$$\left(\sum_{k=l}^{(\cdot)} \sum_{j_s=j_{ik}+l_s-l_{ik}}^{(\cdot)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_i+j_{sa}^{ik}-s-1} \sum_{j_i=l_i+n-D}^{(l_s+s-l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{j_s=j_{ik}+l_s-l_{ik}}^{(\cdot)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{j_i=l_s+s-l+1}^{(l_i-l+1)}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{(j_s=j_{ik})} \sum_{(l_{ik})} \sum_{(j_s+n+j_{sa}^{ik}-D-1)} \sum_{(j_i=l_i+n-D)}^{(l_s+j_{sa}^{ik}-l)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{(\cdot)}{(j_s=j_{ik}-j_{sa}^{ik}+1)}} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{\binom{(l_s+s-l)}{(j_i=l_i+n-D)}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{(j_{ik}-j_{sa}^{ik})}{(j_s=l_s+n-D)}} \sum_{j_{ik}=j_i+l_{ik}} \sum_{\binom{(l_s+s-l)}{(j_i=l_i+n-D)}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l} \sum_{\binom{(l_s+l-1)}{(j_s=l_s+n-D)}} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{\binom{(l_i-l+1)}{(j_i=l_s+s-l+1)}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D > l_i + n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_i + j_{sa}^{ik} \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(l_s-l+1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_i-l+1)} \frac{(D-k)!}{(D-k+1)! \cdot (n-1)!} \right) - \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(l_s-l+1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) + \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(l_s-l+1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_i+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j_i=l_i+n-D}}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_i + j_{sa}^{ik} - 1 \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$

$\dots_{j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - j_s - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}}}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

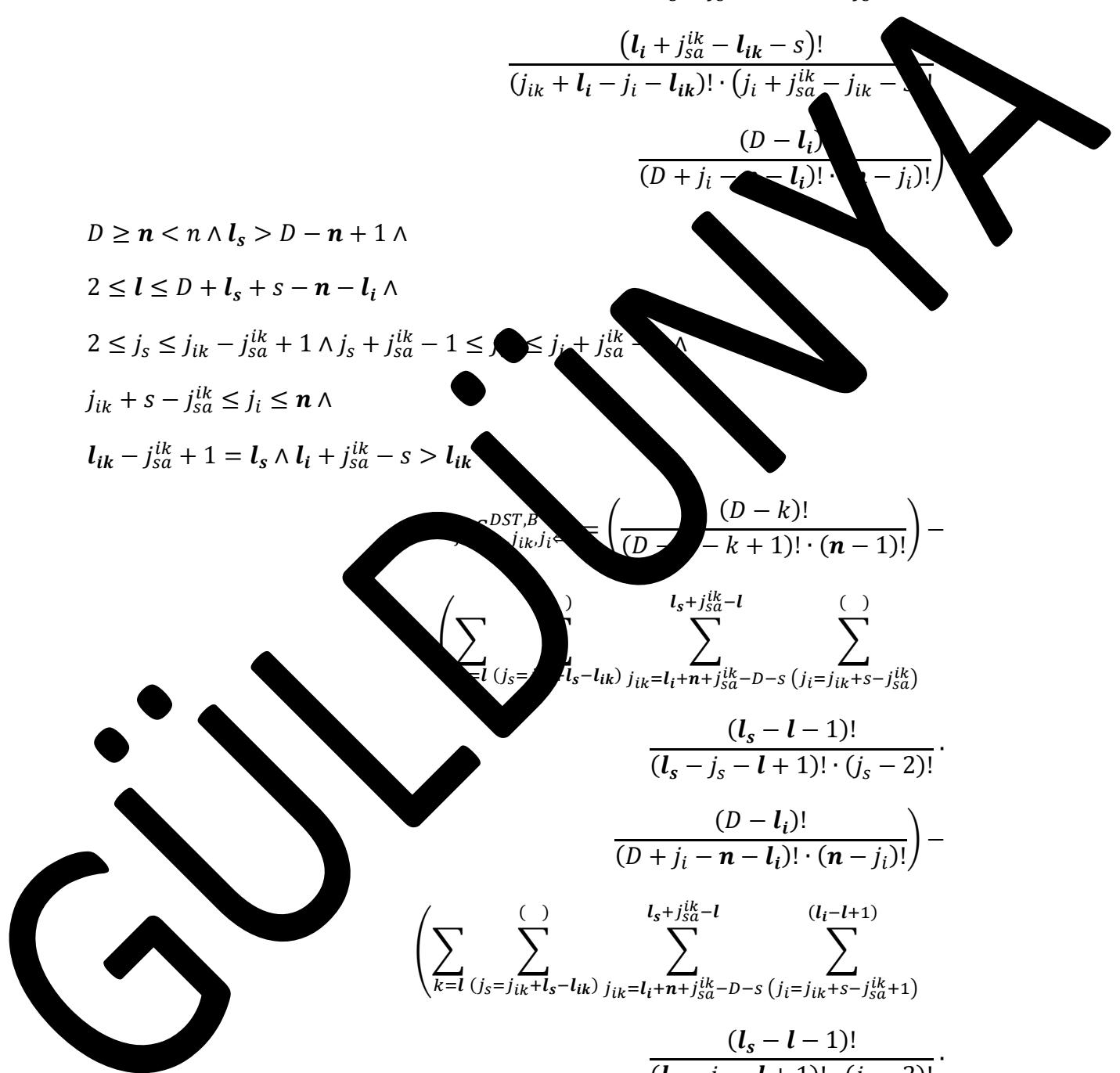
$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_i=j_{ik}+s-j_{sa}^{ik}+1}}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j_i=l_i+n-D}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_i + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$$

$$\sum_{\binom{DST,B}{j_{ik}, j_i}} = \left(\frac{(D-k)!}{(D-j_s-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{\binom{()}{j_s=l_s+n-D}} \sum_{\binom{()}{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}} \sum_{\binom{()}{j_i=j_{ik}+l_i-l_{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{(j_{ik}-j_{sa}^{ik})}{j_s=l_s+n-D}} \sum_{\binom{()}{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}} \sum_{\binom{()}{j_i=j_{ik}+l_i-l_{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_i + j_{sa}^{ik} - l - s + 1} \sum_{j_{ik} = l_s + j_{sa}^{ik} - l + 1}^{()} \sum_{(j_i = j_{ik} + l_i - l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$

$fz_{j_s, j_i}^{D, s} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_i + j_{sa}^{ik} - l - s + 1} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{()} \sum_{(j_i = j_{ik} + l_i - l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_s=l_i+n-D-s+1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_i=j_{ik}+s-j_s)} \sum_{j_i=j_{ik}+s-j_s}^{(j_i=j_{ik}+s-j_s)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_s=l_i+n-D-s+1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i-l+1)} \sum_{j_i=j_{ik}+s-j_s}^{(j_i=j_{ik}+s-j_s)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{j_s=l_{ik}+n-D-j_{sa}^{ik}+1}^{(l_i+n-D-s)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i-l+1)} \sum_{j_i=l_i+n-D}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{S, DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_i - l + 1)} \sum_{(j_i = l_i + n - D)}^{(l_i - l + 1)}$$

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

$$\frac{(D - l_i - n - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{S, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{()} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_i - l + 1)} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_s + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + l_i - l_{ik} - s = l_{ik} - j_{ik} - l_i + j_i$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{(n-j_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(l_i-l+1)} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{(n-j_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}}^{(j_i=j_{ik}-l_i-l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_s + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i < n \wedge$

$l_s - j_{sa}^{ik} + 1 \leq l_s \wedge l_i - j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_i=j_{ik}-l_i-l_{ik})} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_s+s-l)} \right) -$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_s+s-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l_s \geq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i - 1 \leq l \leq D - n - 1$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} - j_{sa}^{ik} \leq j_i \leq j_{sa}^{ik} - 1$$

$$j_{ik} - j_{sa}^{ik} > l_s \wedge l_i - j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

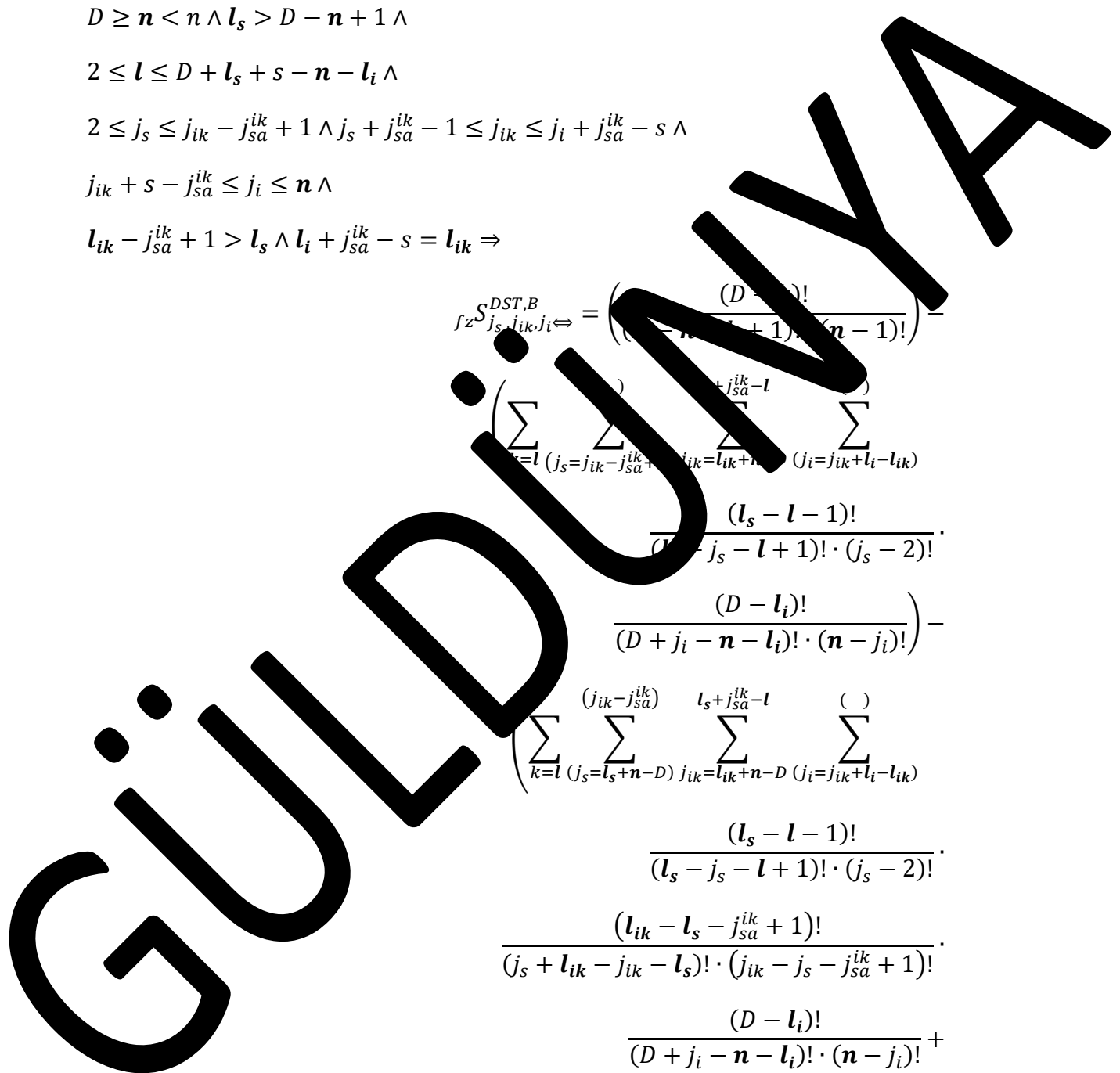
$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^- \cdot \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - l)} \sum_{(j_{ik} = l_{ik} + n - D)} \sum_{(j_i = j_{ik} + l_i - l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^- \cdot \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{(j_{ik} = l_{ik} + n - D)} \sum_{(j_i = j_{ik} + l_i - l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^+ \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{(j_{ik} = l_s + j_{sa}^{ik} - l + 1)} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{()}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{l_s + n - D}^{l_{ik} - l + 1} \sum_{k=l_{ik} + n - D}^{(j_i = j_{ik} + l_i - l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_i=j_{ik}+l_i-l_{ik})} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l+1)} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{ik}-l+1)} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D > n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_i - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=s+1)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, A} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=s+1)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + j_i - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=s+1)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \right)$$

$$\left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_i=s+2)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l_i} \sum_{(j_i=l_{ik}+s-l-j_{sa}^{ik}+2)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq l_s \wedge n \wedge l \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + l_i = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=s+1)}^{(l_s+s-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j_i=s+1)}^{(l_s+s-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j_i=s+2)}^{(j_i+j_{sa}^{ik}-s-1) (l_s+s-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) + \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j_i=l_s+s-l+1)}^{(l_s+j_{sa}^{ik}-l) (l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

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$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

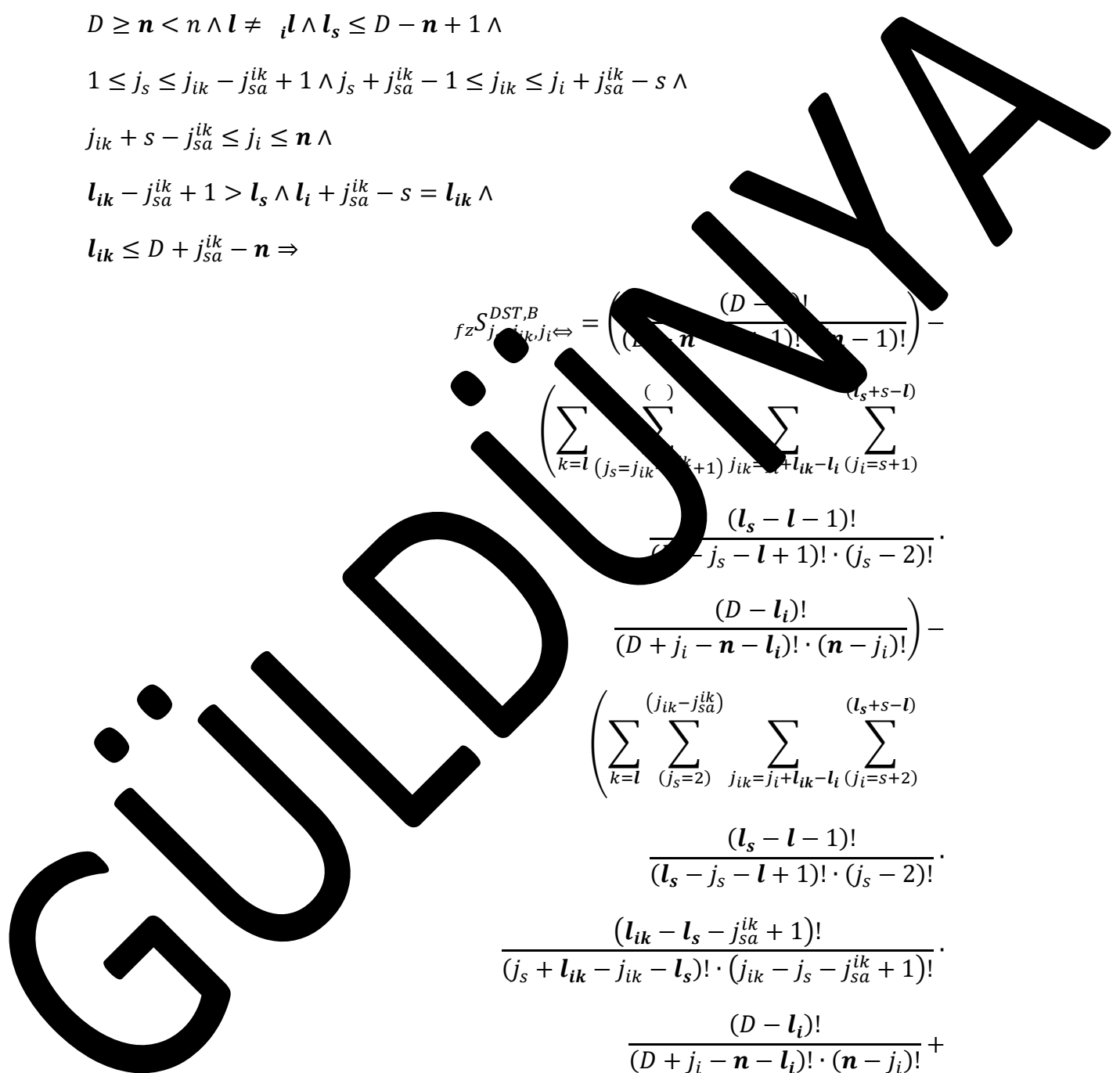
$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{j_{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-k+1)}^{(\cdot)} \sum_{j_{ik}=j_i+l_{ik}-l_i}^{(\cdot)} \sum_{(j_i=s+1)}^{(l_s+s-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) - \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(\cdot)} \sum_{j_{ik}=j_i+l_{ik}-l_i}^{(\cdot)} \sum_{(j_i=s+2)}^{(l_s+s-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) - \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} + \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(\cdot)} \sum_{j_{ik}=j_i+l_{ik}-l_i}^{(\cdot)} \sum_{(j_i=l_s+s-l+1)}^{(l_{ik}+s-l-j_{sa}^{ik}+1)}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Rightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{D-n-l+1}{l_s+l_{ik}-l_{ik}}} \sum_{j_s=j_{ik}+l_s-l_{ik}}^{\binom{l_i+j_{sa}^{ik}-s+1}{l_s+l_{ik}-l_{ik}}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\binom{l_i+j_{sa}^{ik}-s+1}{l_s+l_{ik}-l_{ik}}} \sum_{j_i=j_{ik}+l_i-l_{ik}}^{\binom{l_i+j_{sa}^{ik}-s+1}{l_s+l_{ik}-l_{ik}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq D - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{D-n-l+1}{l_s+l_{ik}-l_{ik}}} \sum_{j_s=j_{ik}+l_s-l_{ik}}^{\binom{l_{ik}-l+1}{l_s+l_{ik}-l_{ik}}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\binom{l_{ik}-l+1}{l_s+l_{ik}-l_{ik}}} \sum_{j_i=j_{ik}+s-j_{sa}^{ik}}^{\binom{l_{ik}-l+1}{l_s+l_{ik}-l_{ik}}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{(l_i-l+1)}_{j_i=j_{ik}+s-j_{sa}^{ik}+1}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (l_i + j_{sa}^{ik} - l_{ik} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$fz_{ST,B}^{j_{ik}, j_i} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_s+j_{sa}^{ik}-l}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j_i=j_{ik}+l_i-l_{ik}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D > n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$

$l_i \leq D + s - n \Rightarrow$

$$fzS_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\binom{()}{j_{ik} = j_{s_a}^{ik} + 1}}^{l_s + j_{s_a}^{ik} - l} \sum_{\binom{()}{j_i = j_{ik} + s - j_{s_a}^{ik}}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\binom{()}{j_{ik} = j_{s_a}^{ik} + 1}}^{l_s + j_{s_a}^{ik} - l} \sum_{\binom{()}{j_i = j_{ik} + s - j_{s_a}^{ik} + 1}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{s_a}^{ik} - l_{ik} - s)!}{(D + l_i - j_i - l_i)! \cdot (j_i + j_{s_a}^{ik} - j_{ik} - s)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{s_a}^{ik} + 1 \wedge j_s + j_{s_a}^{ik} - 1 \leq j_i + j_{s_a}^{ik} - s \wedge$$

$$j_{ik} + s - j_{s_a}^{ik} \leq n \wedge$$

$$l_{ik} - j_{s_a}^{ik} + 1 > l_s \wedge l_s + j_{s_a}^{ik} - 1 = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{s_a}^{ik} - n \Rightarrow$$

$$fzS_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{s_a}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = j_{s_a}^{ik} + 1}}^{l_s + j_{s_a}^{ik} - l} \sum_{\binom{()}{j_i = j_{ik} + l_i - l_{ik}}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=j_{sa}^{ik}+1}^{()} \sum_{(j_i=j_{ik}+l_i-l_{ik})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + l_i + j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{()} \sum_{j_{ik}=l_s}^{()} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D > n \wedge l_i \leq l \wedge l_i \leq D - n + 1 \wedge$

$1 \leq l_i \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$

$j_{sa}^{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 \leq l_i \leq j_{sa}^{ik} - s = l_{ik} \Rightarrow$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_i - l - s + 2)} \sum_{(j_s=2)}^{()} \sum_{j_{ik}=j_s + l_{ik} - l_s}^{()} \sum_{(j_i=j_{ik} + l_i - l_{ik})}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_s + l_{ik} - l_s)} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{(l_s)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_i \leq l_s + s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_s + l_{ik} - l_s)} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{(l_s)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(j_s + l_{ik} - l_s)} \sum_{(j_i = j_{ik} + l_i - l_{ik})}^{(l_i - l + 1)} \frac{(l_i - l + 1)!}{(l_i - j_i - l + 1)! \cdot (j_i - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Rightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-1)} \sum_{(j_s=2)}^{(l_s+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i \leq s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-1)} \sum_{(j_s=2)}^{(l_s+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + l_{ik} - l_s}^{(l_i - l + 1)} \sum_{(j_i=j_{ik} + s - j_{sa}^{ik} + 1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (l_i + j_{sa}^{ik} - l_{ik} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i - j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz S_{j_s, j_{ik}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j_i=j_{ik} + l_i - l_{ik})}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik}}^{(l_{ik} - l + 1)} \sum_{(j_i=j_{ik} + l_i - l_{ik})}^{()} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{\binom{l_s - k}{n - k + 1} \cdot (n - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{l_s} \binom{l_s - k}{j_s - k + 1} \sum_{j_{ik}=j_i + j_{sa}^{ik} - s}^{j_{ik}=j_i + j_{sa}^{ik} - 1} \sum_{j_i=l_i + n - D}^{j_i=l_i + n - 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{l_s} \binom{l_s - k}{j_s - k + 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{j_i + j_{sa}^{ik} - s - 1} \sum_{j_i=l_i + n - D}^{l_{ik} + s - l - j_{sa}^{ik} + 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=l}^{l_s} \binom{l_s - k}{j_s - k + 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{l_{ik} - l + 1} \sum_{j_i=l_{ik} + s - l - j_{sa}^{ik} + 2}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{l=1}^{i-1} \sum_{j_s=j_{ik}+l_s}^{j_{ik}-j_{sa}^{ik}+1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{ik}+l+1} \sum_{j_i=l_i+n-D}^{l_i-1+1} \frac{(l_i - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_i+j_{sa}^{ik}-s} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)} \right. \\
& \quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
& \quad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \cdot \\
& \left. \left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}-s-1}^{j_i+j_{sa}^{ik}-s-1} \sum_{(j_i=l_i+n-D)}^{(l_s+s-l)} \right) \right. \\
& \quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
& \quad \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \\
& \quad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
& \left. \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j_i=l_s+s-l+1)}^{(l_i-l+1)} \right) \\
& \quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
& \quad \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \\
& \quad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big)
\end{aligned}$$

$$D > n \wedge n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 - j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{j_{ik} = j_{s_a}^{ik} + 1}^{l_s + j_{s_a}^{ik} - l} \sum_{j_i = l_i + n - D}^{(l_i - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{s_a}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{s_a}^{ik} - l_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{s_a}^{ik} + 1 \wedge j_s + j_{s_a}^{ik} - 1 \leq j_{ik} \leq j_i + j_{s_a}^{ik} - s \wedge$$

$$j_{ik} + s - j_{s_a}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{s_a}^{ik} + 1 > l_s \wedge l_i + j_{s_a}^{ik} - s = l_{ik}$$

$$D + j_{s_a}^{ik} - n < l_{ik} \leq D + l_s - j_{s_a}^{ik} - n - 1$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right)$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{s_a}^{ik} + 1}} \sum_{j_{ik} = j_i + l_{ik} - l_i} \sum_{j_i = l_i + n - D}^{(l_s + s - l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l} \sum_{\binom{(j_{ik} - j_{s_a}^{ik})}{j_s = 2}} \sum_{j_{ik} = j_i + l_{ik} - l_i} \sum_{j_i = l_i + n - D}^{(l_s + s - l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_s+s-l+1)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_i \wedge l_i + j_{sa}^{ik} - s \leq l_{ik} \wedge$$

$$D + j_i - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - l_i + 1$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

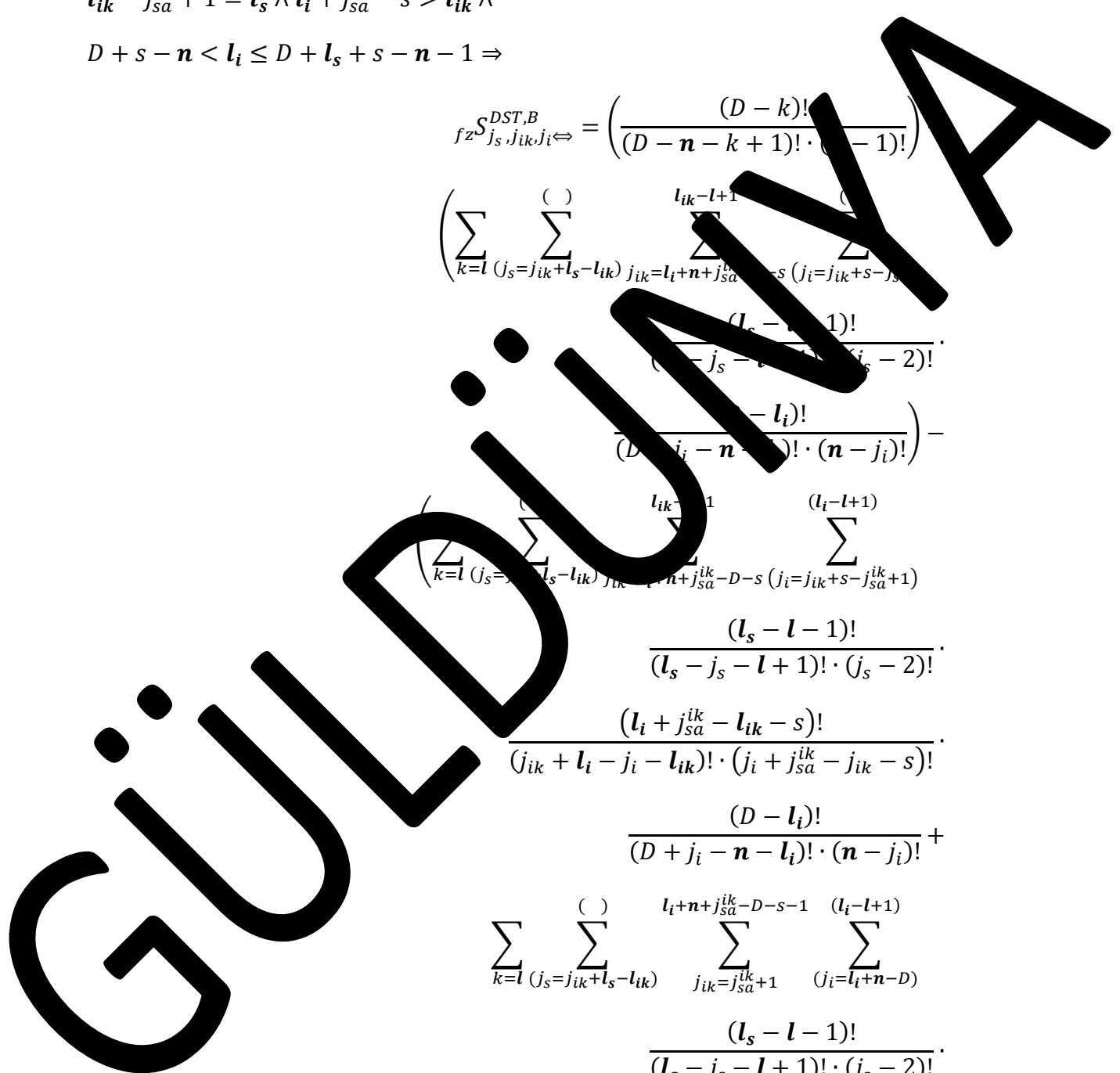
$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=l_i+n+j_{sa}^{ik}-s)} \sum_{(j_i=j_{ik}+s-j_s)} \frac{(l_{ik}-l+1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_s-l-1)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} - \frac{(l_{ik}-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l+1)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=l_i+n+j_{sa}^{ik}-D-s)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)} \frac{(l_{ik}-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i-l+1)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{(j_i=l_i+n-D)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)!}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-j_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$



$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_{ik} + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{()} \sum_{j_{ik} = l_i + n - D - s}^{l_s + j_{sa}^{ik}} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

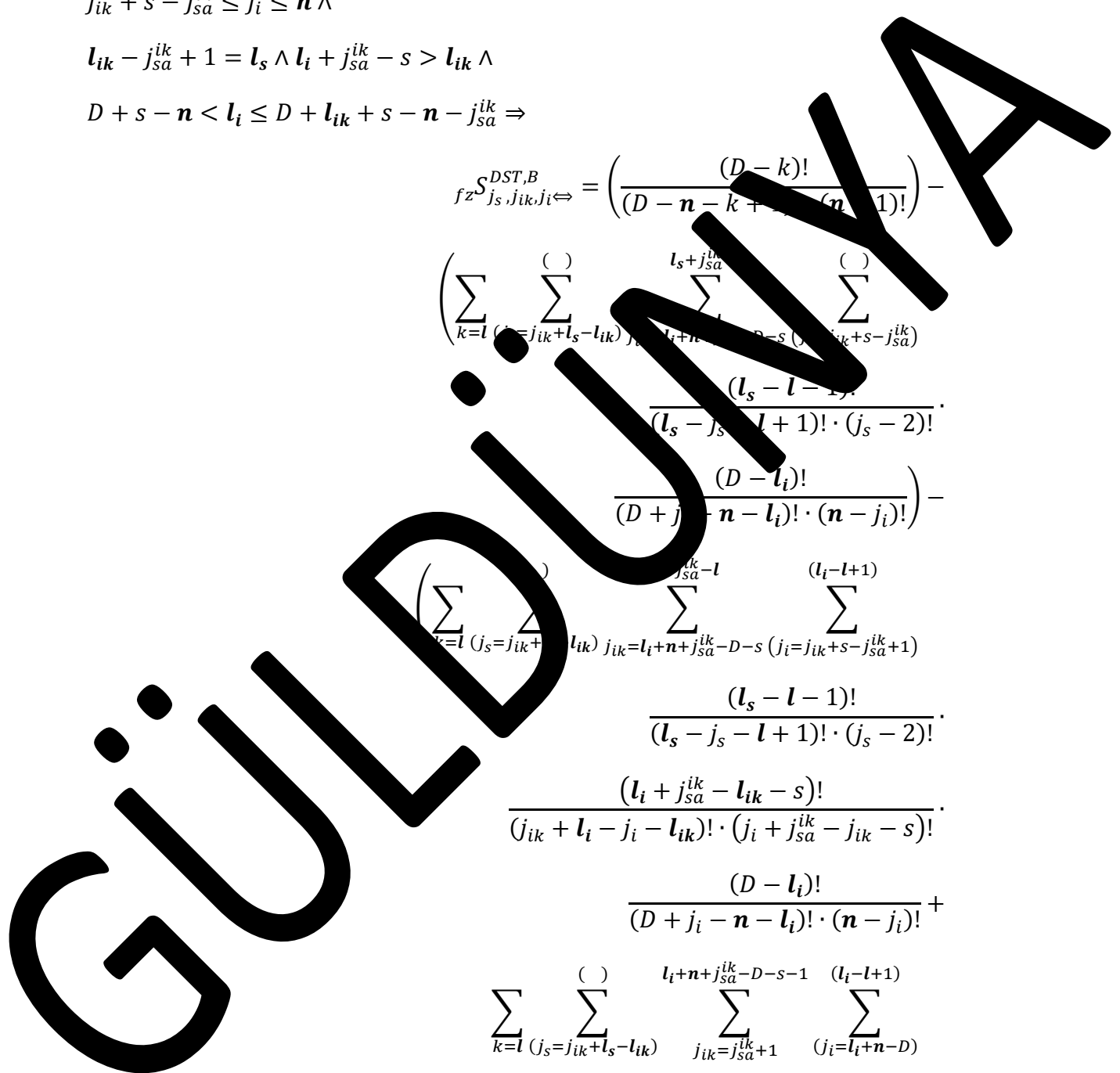
$$\left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{()} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{j_{sa}^{ik} - l} \sum_{(j_i = j_{ik} + s - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\left. \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \right) +$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{()} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{()} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{(j_i = l_i + n - D)}^{(l_i - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{\binom{l_s - k}{n - k + 1} \cdot (n - 1)!}{(n - k + 1)! \cdot (n - 1)!}$$

$$\left(\sum_{k=l}^{\binom{l_s - l + 1}{j_s - l + 1}} \sum_{j_s = j_{ik} - j_{sa}^{ik} + 1}^{\binom{l_s + j_{sa}^{ik} - l}{l_i + n + j_{sa}^{ik} - D - s}} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{\binom{l_s - l - 1}{j_s - l + 1}} \sum_{j_i = j_{ik} + l_i - l_{ik}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{\binom{l_s - j_{sa}^{ik}}{j_s = 2}} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{\binom{l_s + j_{sa}^{ik} - l}{j_i = j_{ik} + l_i - l_{ik}}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{\binom{l_s - l + 1}{j_s = 2}} \sum_{j_{ik} = l_s + j_{sa}^{ik} - l + 1}^{\binom{l_i + j_{sa}^{ik} - l - s + 1}{j_i = j_{ik} + l_i - l_{ik}}} \sum_{j_i = j_{ik} + l_i - l_{ik}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{j=2}^{j_{sa}^{ik} - l - s} \sum_{j_{ik}=l_i}^{j_{sa}^{ik} - D - s} \sum_{(j_i=j_{ik}+l_i-l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})}^{(l_{ik}-l-j_{sa}^{ik}+2)} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \\
& \left. \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \right) \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \\
& \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \left. \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_i=l_i+n-D)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \right. \\
& \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \quad \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!} \cdot \\
& \quad \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)
\end{aligned}$$

$$D - n < l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa}^{ik} - l_{ik} - s)}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - l_{ik} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik}$$

$$D + s - n < l_i \leq D + l_{ik} - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right.$$

$$\left. \left(\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik})} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=j_{ik}+s-j_{sa}^{ik}+1)}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} -$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_i=l_i+n-D-s)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa}^{ik} - l_{ik} - s)!}{(j_{ik} + l_i - j_i - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_i \wedge j_{sa}^{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - j_{ik} > l_{ik} \wedge$$

$$D + j_i - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - j_{ik} - 1$$

$$\sum_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_i=j_{ik}+l_i-l_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-l-s+1} \sum_{(j_i=j_{ik}+l_i-l_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-s}^{(j_i=j_{ik}-l_i-l_{ik})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge 2 \leq l \leq D + l_s + s - n \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_s + j_{sa}^{ik} - s \wedge j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge l_s - j_{sa}^{ik} + 1 \leq l_i \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_i=j_{ik}-l_i-l_{ik})} \sum_{j_{ik}=j_i+l_{ik}-l_i} \sum_{(j_i=l_{ik}+n+s-D-j_{sa}^{ik})}^{(l_s+s-l)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{j_{ik}-j_{sa}^{ik}}{j_s=2}} \sum_{j_{ik}=j_i+l_{ik}-l_i}^{\binom{l_s+s-l}{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{j_{ik}=j_i+l_{ik}-l_i}^{\binom{l_{ik}+s-l-j_{sa}^{ik}+1}{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - i + 1 \wedge$$

$$D + l_s + s - n - l_i - 1 \leq l \leq i - 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + j_{sa}^{ik} \leq j_i \leq j_{ik} + j_{sa}^{ik} - 1$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i - j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + l_s + s - n < l_i - 1 + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{j_{ik}=j_i+l_{ik}-l_i}^{\binom{l_{ik}+s-l-j_{sa}^{ik}+1}{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$\sum_{j_s, j_{ik}, j_i \in \{D, s, l, B\}} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (l_i - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_s=2}^{(l_s + j_{sa}^{ik} - l)} \sum_{j_{ik}=l_{ik}+n-D}^{(l_s + j_{sa}^{ik} - l)} \sum_{j_i=j_{ik}+l_i-l_{ik}}^{(n - j_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_s=2}^{(l_s + j_{sa}^{ik} - l)} \sum_{j_{ik}=l_{ik}+n-D}^{(l_s + j_{sa}^{ik} - l)} \sum_{j_i=j_{ik}+l_i-l_{ik}}^{(n - j_{ik})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s=2}^{(l_{ik} - l + 1)} \sum_{j_{ik}=l_s + j_{sa}^{ik} - l + 1}^{(l_{ik} - l + 1)} \sum_{j_i=j_{ik}+l_i-l_{ik}}^{(n - j_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$j_s \stackrel{DST,B}{=} j_{ik} j_i \Leftrightarrow \frac{(n - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{i_{ik} - l + 1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j_i=j_{ik}+l_i-l_{ik})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} j_{ik}=j_s+j_{sa}^{ik}-1 \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \right) -$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} j_{ik}=j_s+j_{sa}^{ik}-1 \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \right) -$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{(j_s=2)}^{(l_s-l+1)} \sum_{(j_{ik}=l_{ik}+n-D)}^{(l_s-l+1)} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Bigg)$$

$$n \geq n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$l_i > D + l_{ik} + s - n - j_{sa}^{ik} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i-l+1)} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-l)!} \cdot \frac{(l_i+j_{sa}^{ik}-l_{ik}-s)}{(j_{ik}+l_i-j_i-l_{ik})! \cdot (j_i+j_{sa}^{ik}-l_{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \wedge$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_{ik}-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j_i=s)}^{()} \right)$$

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

$$\left(\sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_i+l_{ik}}^{()} \sum_{(j_i=s+1)}^{()} \right)$$

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

$$\frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - k + 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_s + j_{sa}^{ik} - s = l_{ik}$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j_i=s)}^{()} \right)$$

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

$$\left(\sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+j_{sa}^{ik}-i-l-s+1}^{()} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$l_{ik} \leq D + j_{sa}^{ik} - n \Rightarrow$$

$$fz_{j_{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - l_i)!} \right) - \left(\sum_{k=i}^{l_i} \sum_{(j_s=1)}^{(j_s=l_i)} \sum_{j_{ik}=j_{sa}^{ik}}^{(j_{ik}=j_{sa}^{ik})} \sum_{(j_i=s)}^{(j_i=s)} \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - s)!} \right) - \left(\sum_{k=i}^{l_i} \sum_{(j_s=1)}^{(j_s=l_i)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-i+1} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{(j_i=j_{ik}+l_i-l_{ik})} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fzS_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}^{()} \right)$$

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

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_i=j_i+l_{ik}-l_i}^{i-l+1} \sum_{j_{ik}=j_{sa}^{ik}-D}^{i-D} \right)$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_i \wedge j_{sa}^{ik} - s$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_i \wedge l_i + j_{sa}^{ik} - s > l_{ik} \wedge$$

$$D + j_i - n < l_{ik} \leq l_i + l_s + j_{sa}^{ik} - l_i \wedge$$

$$fzS_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_i=s)}^{()} \right)$$

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

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-i-l-s+1} \sum_{(j_i=j_{ik}+l_i-l_{ik})}^{()} \right)$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - n + 1)! \cdot (n - 1)!}{(D - n + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^n \sum_{j_s=1}^{j_{ik}} \sum_{j_i=s}^{(j_{ik} - j_s + 1)} \right)$$

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

$$\left(\sum_{k=i}^n \sum_{j_s=1}^{j_{ik}} \sum_{j_i=l_{ik} - l_i}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)} \sum_{j_i=l_{ik} + n + s - D - j_{sa}^{ik}}^{(j_{ik} - j_s + 1)} \right)$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} - s \wedge$$

$$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{k}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_i=s}^{\binom{D-l_i}{j_i}} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{k}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{j_i=j_{ik}+l_i-l_{ik}}^{\binom{D-l_i}{j_i}} \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_i + j_{sa}^{ik} \wedge$

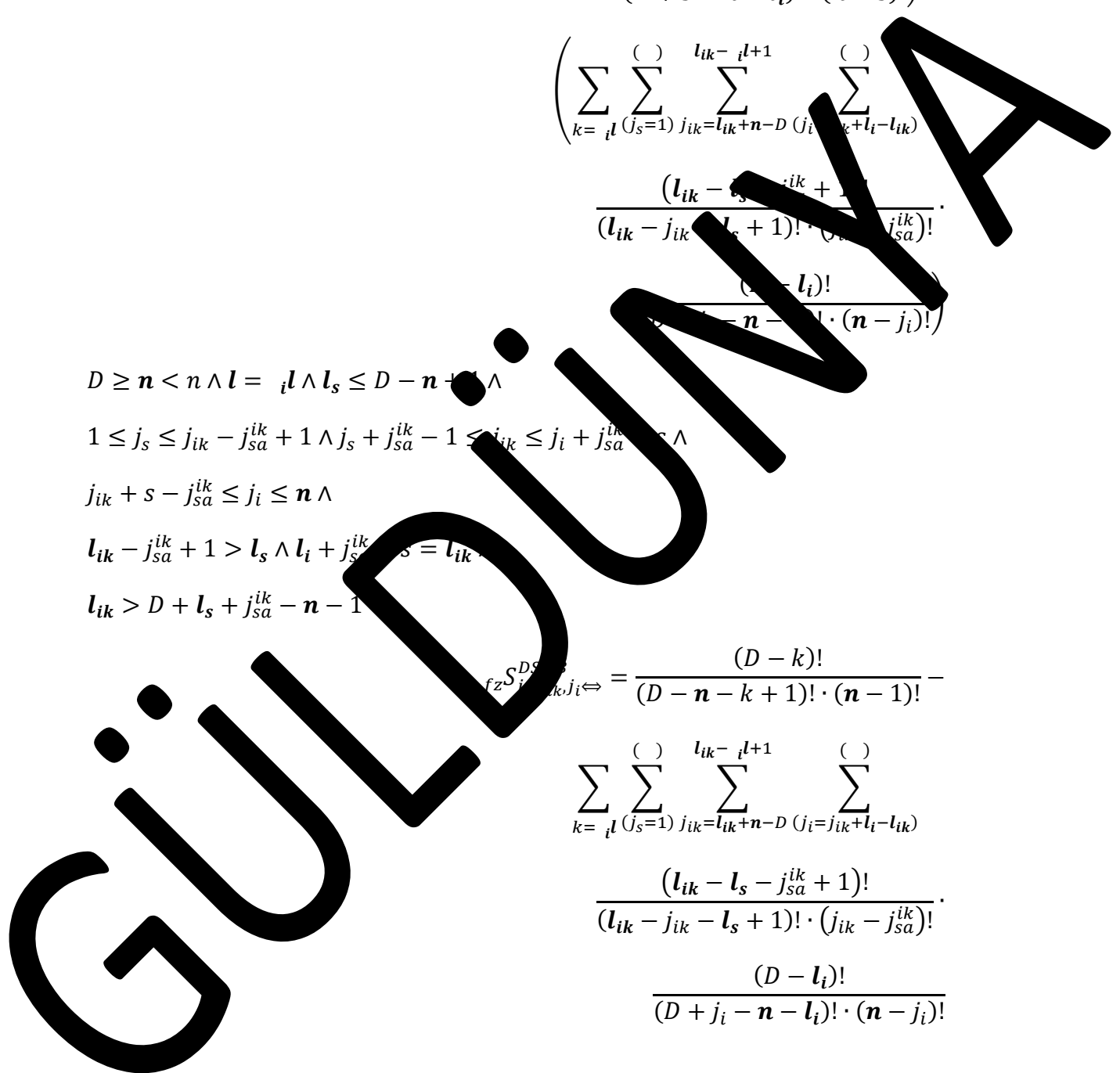
$j_{ik} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_i + j_{sa}^{ik} - s = l_{ik}$

$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1$

$fz S_{i,j_{ik},j_i}^{D,l_i} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$

$$\sum_{k=i}^{\binom{D-l_i}{k}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{j_i=j_{ik}+l_i-l_{ik}}^{\binom{D-l_i}{j_i}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$



SİMETRİDEN SEÇİLEN DÖRT DURUMA GÖRE TEK KALAN SİMETRİK BİTİŞİK-AYRIM BULUNMAMA OLASILIĞI

Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrimin ilk herhangi iki ve son bağımlı durumu arasında simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin ilk herhangi iki ve son bağımlı durumunun bulunabileceği olaylara bağlı, simetrimin bitişik ve ayrım olarak bulunmadığı dağılımların sayısı; dağılımın ilk durumu haricinde simetrimin bulunabileceği herhangi bir durumla başlayan dağılımların sayısından (son olay için bir durumun tek simetrik olasılığı), simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım olasılığının farkı olarak elde edilir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrimin ilk herhangi iki ve son bağımlı durumu arasında, simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin ilk herhangi iki ve son bağımlı durumuna göre, bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı için

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = fz_1^{DST} - fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST}$$

eşitliğin sağındaki terimlerin eşitleri yazıldığında,

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{1 - k}{(D - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\cdot)} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\cdot)} \sum_{j_i = l_i + n - D}^{l_s + s - l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik} = l_{ik} + n - D}^{j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = l_{sa} + n - D)}^{(j_i + j_{sa} - s - 1)} \sum_{j_i = l_i + n - D}^{l_s + s - l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{(l_s - l + 1)} \sum_{(j_{sa} = l_{sa} + n - D)}^{l_i - l + 1} \sum_{j_i = l_s + s - l + 1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = l_s + n - D)}^{j_{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{j_{ik} = l_{ik} + n - D}^{(\quad)} \sum_{(j_{sa} = j_i + j_{sa} - s)}^{l_s + s - l} \sum_{j_i = l_i + n - D} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot
 \end{aligned}$$

GÜLDENYA

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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

eşitlikleri elde edilir. Bu eşitliklere simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılık eşitliği denilecektir. Bağımlı olasılıklı farklı dizilimsiz dağılımlardan, dağılımın ilk durumlarında herhangi bir durumuyla başlayan dağılımlarda, simetrimin ilk herhangi iki ve son bağımlı durumunun bulunmadığı ve simetride bulunmayan bağımlı durumların bulunmadığı ve bulunduğu, simetrimin ilk herhangi iki ve son bağımlı durumunun bulunabileceği olaylara göre simetrik durumların bulunmadığı dağılımların sayısına *simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı* denir. Simetrimin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz tek kalan simetrik bitişik-ayrım bulunmama olasılığı $fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B}$ ile gösterilecektir.

$$D \geq n < n \wedge n \geq D \wedge n + 1 \wedge$$

$$2 \wedge j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{l_{sa}+s-l-j_{sa}+1} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\quad)} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = l_i + n - D}^{(\quad)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\quad)} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\quad)} \sum_{j_i = l_i + n - D}^{l_s + s - l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}^{j_{sa}-l-s+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

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$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$(l_s + j_{sa} - l - j_{sa}^{ik})$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=l_{ik}+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

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$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$(l_s + j_{sa} - l)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+n+j_{sa}-D-1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = l_i + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i)}^{(l_s+j_{sa})} \sum_{(j_{sa}=D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(j_s)} \sum_{j_{ik}=j_s}^{(j_s + j_{sa} - l - s + 1)} \sum_{j_{sa}=j_{sa}^{ik} - j_{sa}}^{(j_{sa}^{ik} - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{(\quad)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(D-1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(\quad)} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j^{sa}=l_s+n+j_{sa}-D-1} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{()} \sum_{j_i=j_{ik}-j_{sa}^{ik}+1}^{()} \sum_{j_i=j_{ik}+j_{sa}-j_{sa}^{ik}}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{()} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{()} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{()} \sum_{j_i=j_{sa}+s-j_{sa}}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-j_{sa}^{ik})}^{()} \frac{(l - l - 1)!}{(l - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i - n - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\sum_{k=l}^{(\)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{sa} - j_{sa}^{ik})}^{(\)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D - j_{sa}}^{l_i + j_{sa}^{ik} - l - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)}$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$\sum_{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{l_s + j_{sa}^{ik} - l} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$fz_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}}$$

$$\sum_{l_i + j_{sa}^{ik} - l - s + 1} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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$$fz_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, A} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

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

$$\geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}$$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz \sum_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz \sum_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$z_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\sum_{j_s=l_{sa}+n-D-j_{sa}}^{(l_i-l-s+2)}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{()}} \sum_{j_i=j_{sa}+s-j_{sa}}^{\sum_{j_i=j_{sa}+s-j_{sa}}^{()}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\sum_{j_s=l_{sa}+n-D-j_{sa}+1}^{(l_{ik}-l-j_{sa}^{ik}+2)}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{()}} \sum_{j_i=j_{sa}+s-j_{sa}}^{\sum_{j_i=j_{sa}+s-j_{sa}}^{()}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa})} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_s + s - j_{sa}} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_i - l - s + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_s + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik})} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - j_{sa} + 1)! \cdot (j_s - 2)!}{(D - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{\sum_{k=l}^{(l_i - l - s + 2)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_{sa} + s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{\binom{l_{ik}-l-j_{sa}^{ik}+2}{j_s=l_s+n-D}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{(\quad)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa} \Rightarrow$

$fz_{j_s}^{DST,B} j_{sa}^{sa}, j_i \Leftrightarrow = \left(\frac{(j_s - k)!}{(D + n - k - l_i)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l}^{\binom{(\quad)}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{\binom{(\quad)}{j_{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{\binom{(\quad)}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(j_i+j_{sa}-s-1)} \sum_{j_{sa}=l_{sa}+n-D}^{l_{sa}+s-l-j_{sa}+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1} \sum_{j_i=l_{sa}+s-l-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \Rightarrow$$

$$f_{z, D, S, T}^{j_s, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

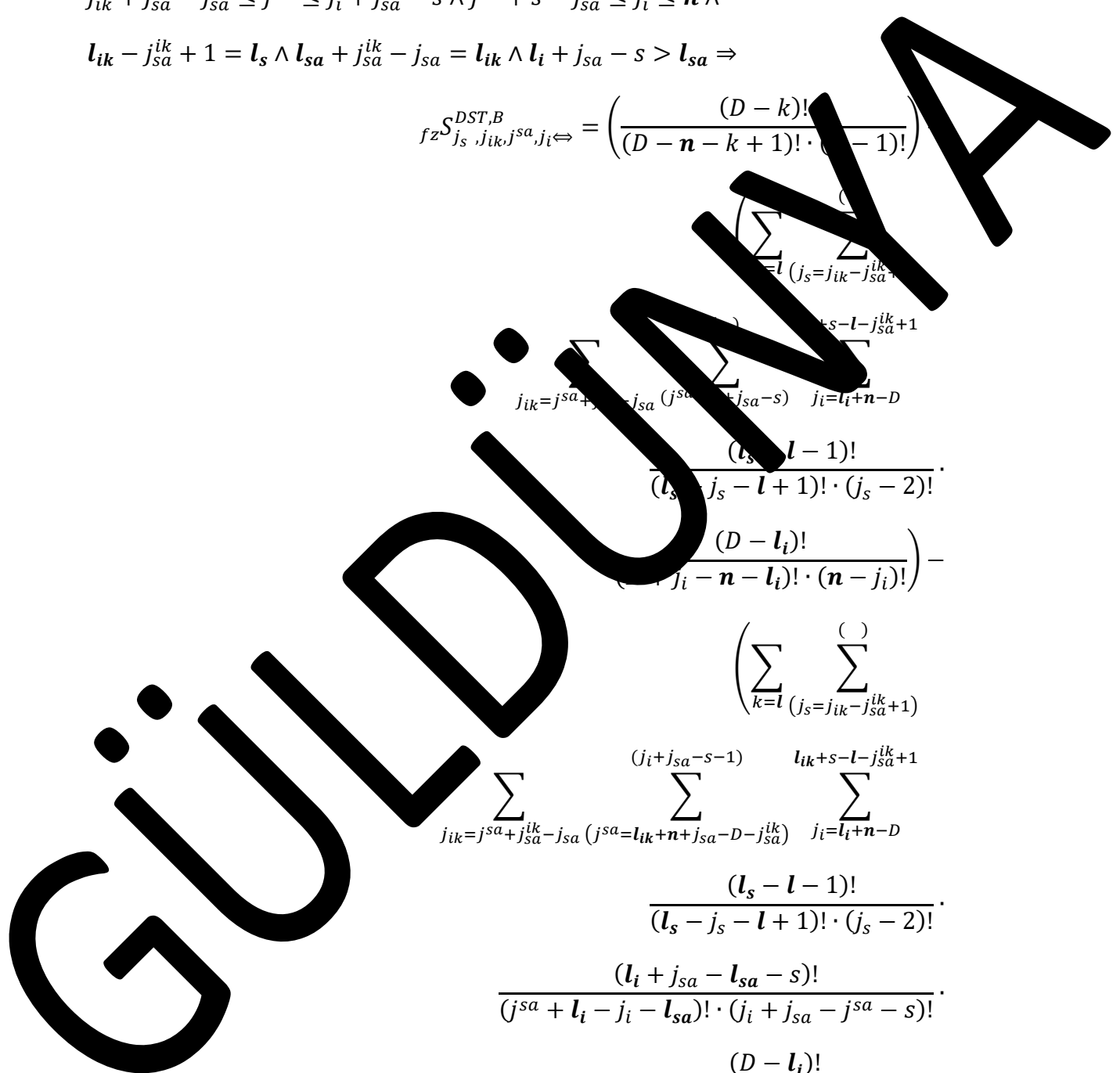
$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right) \cdot \left(\sum_{l=1}^{j_s - j_{ik} - j_{sa}^{ik} + 1} \frac{(j_s - l - j_{sa}^{ik} + 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(j_i + j_{sa} - s - 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})} \sum_{j_i = l_i + n - D}^{(j_i = l_i + n - D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \right)$$

$$\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})} \sum_{j_i = l_{ik} + s - l - j_{sa}^{ik} + 2}^{(l_i - l + 1)}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$\sum_{j_s=2}^{DST,B} \sum_{j_{ik}, j_{sa}^{ik}, j_i \in \dots} \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{l_i-l+1}^{l_i-l+1} \sum_{(j_{ik}=j^{sa}-j_{sa}^{ik}-j_{sa})} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(\cdot)} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\cdot)} \sum_{j_i = l_i + n - D}^{l_{ik} + s - l - j_{sa}^{ik}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{s_a + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\cdot)} \sum_{j_i = l_i + n - D}^{l_{ik} + s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\cdot)} \sum_{j_i = l_i + n - D}^{l_i - l + 1} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

GÜLDENMÄ

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

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

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

$$\sum_{k=l}^{\binom{(\quad)}{j_s - j_{ik} - j_{sa}^{ik} + 1}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{\binom{(\quad)}{j^{sa}=l_{sa}+n-D}}^{(l_{sa}-l+1)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

GÜLDENWA

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

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

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot$$

GUUDÜNYA

$$\left(\sum_{k=l}^{(j_s - j_{ik} + 1)} \binom{j_s - k}{k} \right) \cdot \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{j_s} \sum_{j_{sa}^{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{l_s+s} \sum_{j_i=l_i+n-D}^{l_s+s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot$$

$$\left(\sum_{k=l}^{(j_s - j_{ik} + 1)} \binom{j_s - k}{k} \right) \cdot \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(j_i+j_{sa}-s-1)} \sum_{j_{sa}^{ik}=l_s+n+j_{sa}-D-1}^{l_s+s-l} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_s+j_{sa}-l} \sum_{j_{ik}=l_s+n+j_{sa}-D-1}^{j_{ik}=l_i+n-D} \sum_{j^{sa}=l_s+n+j_{sa}-D-1}^{j^{sa}+j_{sa}-l} \sum_{j_i=l_i+n-D}^{j_i=l_i-1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right) \\
 & \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) - \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right) \\
 & \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{l=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_i+l-1} \frac{(l_s+j_{sa}^{ik}-l-1)!}{(l_s+j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}-l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(l_i+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1$$

$$2 \leq l \leq D + l_s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \binom{j_{ik}-j_{sa}^{ik}}{k=l} \sum_{(j_s=l_s+n-D)}^{(j_s+l-1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{(j_s=l_s+n-D)}^{(l_s)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \binom{l_i-l+1}{j_i=l_s+s-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg)$$

$$D > n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq j_{ik} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik} - j_{sa}^{ik} + j_{sa} \wedge l_{sa} \Rightarrow$$

$$S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

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

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-j_{sa}-l+1} \sum_{(j_{sa}=l_{sa}+n-D)}^{()} \sum_{j_i=l_s+s-l+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{\binom{D-l}{j_s}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-1}^{\binom{l_s+j_{sa}^{ik}-l}{j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{sa}=l_i+n-D}^{\binom{l_i-l}{j_{sa}+j_{sa}^{ik}-j_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_s + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(j_s + j_{sa} - l_{sa} - s)!}{(j^{sa} - l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D - n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{D-l}{j_s}} \sum_{j_{ik}=j_{ik}-j_{sa}^{ik}+1}^{\binom{D-l}{j_s}} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{\binom{(\cdot)}{j_i=l_i+n-D}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
 & \sum_{k=l}^{\binom{(\cdot)}{j_s=l_s+n-D}} \sum_{\binom{(\cdot)}{j_i+l_s-n-D}} \sum_{\binom{(\cdot)}{j_i+l_s-n-D}} \\
 & \sum_{j_{ij}=j^{sa}+j_{sa}^{ij}-j_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{\binom{(\cdot)}{j_i=l_i+n-D}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{\binom{(\cdot)}{j_s=l_s+n-D}} \sum_{\binom{(\cdot)}{j_i+l_s-n-D}} \sum_{\binom{(\cdot)}{j_i+l_s-n-D}} \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=l_{sa}+n-D}} \sum_{\binom{(\cdot)}{j_i=l_s+s-l+1}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

GUIDANCE

$$\sum_{k=l}^{\binom{j_{ik}-j_{sa}^{ik}}{j_s=l_s+n-D}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(\quad)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s \leq l_{sa} \Rightarrow$$

$$\sum_{j_s=l_s+n-D}^{\binom{DST,B}{j_{ik},j_{sa}^{ik}}} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=l_s+n-D}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{l_{sa}-l+1}{j^{sa}=l_{sa}+n-D}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(j_s - l + 1)} \binom{j_s - l + 1}{k} \right) \cdot \left(\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j_s - l + 1)} \sum_{j_i = l_i + n - D}^{l_s + s - l} \binom{l_s + s - l}{j_i} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_s = l_s + n - D}^{(j_{ik} - j_{sa}^{ik} + 1)} \binom{j_{ik} - j_{sa}^{ik} + 1}{k} \right) \cdot \sum_{j_{ik} = l_{ik} + n - D}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(j_s - l + 1)} \sum_{j_i = l_i + n - D}^{l_s + s - l} \binom{l_s + s - l}{j_i} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

GÜLDENWA

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{l_i-l+1} \sum_{j_i=l_i+n-D}^{()}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{()} \sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{l_s+s-l} \sum_{j_i=l_i+n-D}^{()}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

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

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

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq l_s < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - 1 \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{sa}^{ik} - 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{l_i-l+1} \sum_{j_i=l_i+n-D}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - 1 \leq j_i \leq j^{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} - s$$

$$f_{Z, l_s, j_{ik}, j_{sa}^{ik}}^{DST, B} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{(j_{ik}=l_{ik}+n-D)}^{(l_{sa}-l)} \sum_{(j_{sa}=l_{sa}+n-D)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{ik}=l_{ik}+n-D)}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{l_s+s-l} \sum_{(j_i=l_i+n-D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = l_i + n - D}^{l_s + s - l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq j^{sa} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$fz^{DST,B}(j_s, j_{ik}) \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s - l)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

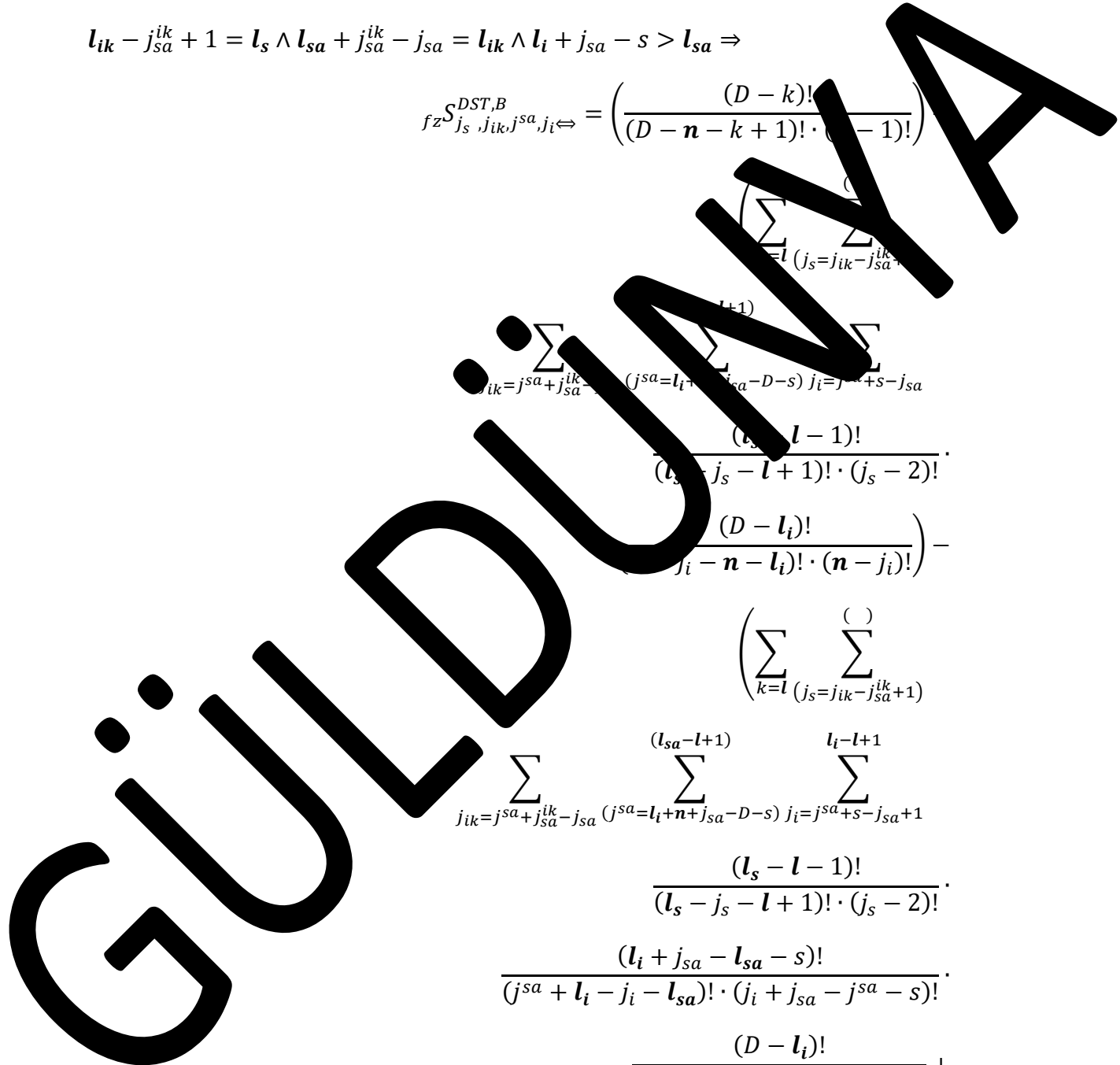
$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (k-1)!} \right)$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\sum_{k=l}^{(j_s - j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \frac{(D-l_i)!}{j_i - n - l_i)! \cdot (n - j_i)!} \right) - \right.$$

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

$$\left. \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_i + n + j_{sa} - D - s - 1)} \sum_{j_i = l_i + n - D}^{l_i - l + 1} \right)$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - j_i = j^{sa}$

$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\quad)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z S_{j_s}^{l_s} \cdot j_i \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(j_i - n - l_i)! \cdot (n - j_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{(\cdot-k-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(\cdot-k-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s = D - n - 1 \wedge$$

$$D + j_s + s - n - l_i - 1 \leq l \leq j_s - n + 1 \wedge$$

$$j_s - j_{sa}^{ik} + 1 \leq j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} - 1 = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)}$$

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

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - l_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq l_i$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$DST,B_{(l_{sa}, j^{sa}, j_i)} = \left(\frac{(D - k)!}{(D - l - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1} \sum_{\binom{()}{j^{sa}=l_i+n-D}} \sum_{j_i=l_i+n-D}^{l_i+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}}} \sum_{j_{ik}=l_{ik}+n-D}^{l_i+1} \sum_{\binom{()}{j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2}} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1}$$

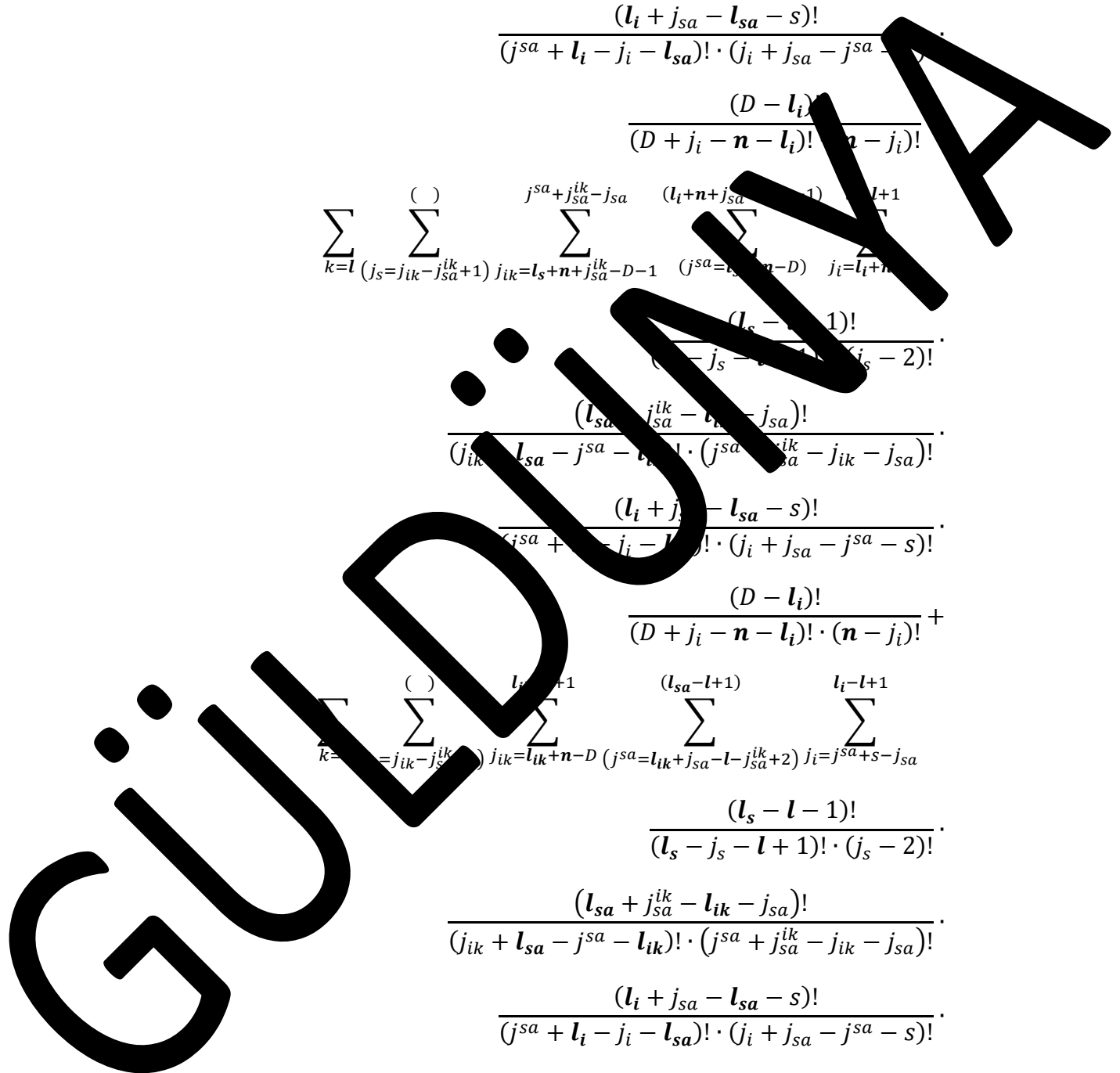
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1} \sum_{\binom{()}{j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{s, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s) \ j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_i+n+j_{sa}-D-s-1)} \sum_{j^{sa}=l_s+n+j_{sa}-D-1} \sum_{l_i-l+1} \sum_{j_i=l_i+n-}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$\sum_{f \in \mathcal{S}_{j_s}^B} \sum_{j_i} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-l)} \sum_{j^{sa}=l_i+n+j_{sa}-D-s} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-l-1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l_s < D + l_s + s - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} \leq j_i \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} \geq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
 & \left(\sum_{k=l}^{(l_s-1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa})} \sum_{j_i=j^{sa}+s-j_{sa}} \right) \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_i)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s-1)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$

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

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{\binom{(l_s+j_{sa}-l)}{j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \Rightarrow$$

$$f_z S_{j_s, j_{sa}^{ik}, j_i}^{D, n} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(l_s+j_{sa}-l)}{j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right) \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+n-j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

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

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(l_s + j_{sa} - l)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z S_{j_s, j_{ik}, j_i}^{D, l, l_s, l_i} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(l_s + j_{sa} - l)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right)$$

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

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

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=j^{sa}+s+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l + 1)!}{\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}+1} \sum_{j_{sa}=l_{sa}+n-D}^{l_s-l+1} \sum_{j_i=j_{sa}+s-j_{sa}}^{j_i} \frac{(l_s - l - 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + j_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right) \\
 & \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s}^{(l_s+j_{sa}-l)} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \right) \\
 & \sum_{j_{ik}=l_i+n-D}^{(j_{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(j_{sa}=l_i)}^{(l_s+j_{sa}-l)} \sum_{(j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{(j_{sa}+j_{sa}^{ik}-j_{sa})} \sum_{j_{ik}=l_i+n-D}^{(l_i+n+j_{sa}-D-s-1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}
 \end{aligned}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_s+j_{sa}^{l+1})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1}$$

$$\frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{lk})} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{l-1}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{lk})} \sum_{j_{ik}=j^{sa}+j_{sa}^{lk}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} = l_{sa}$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{s, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_i}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}}$$

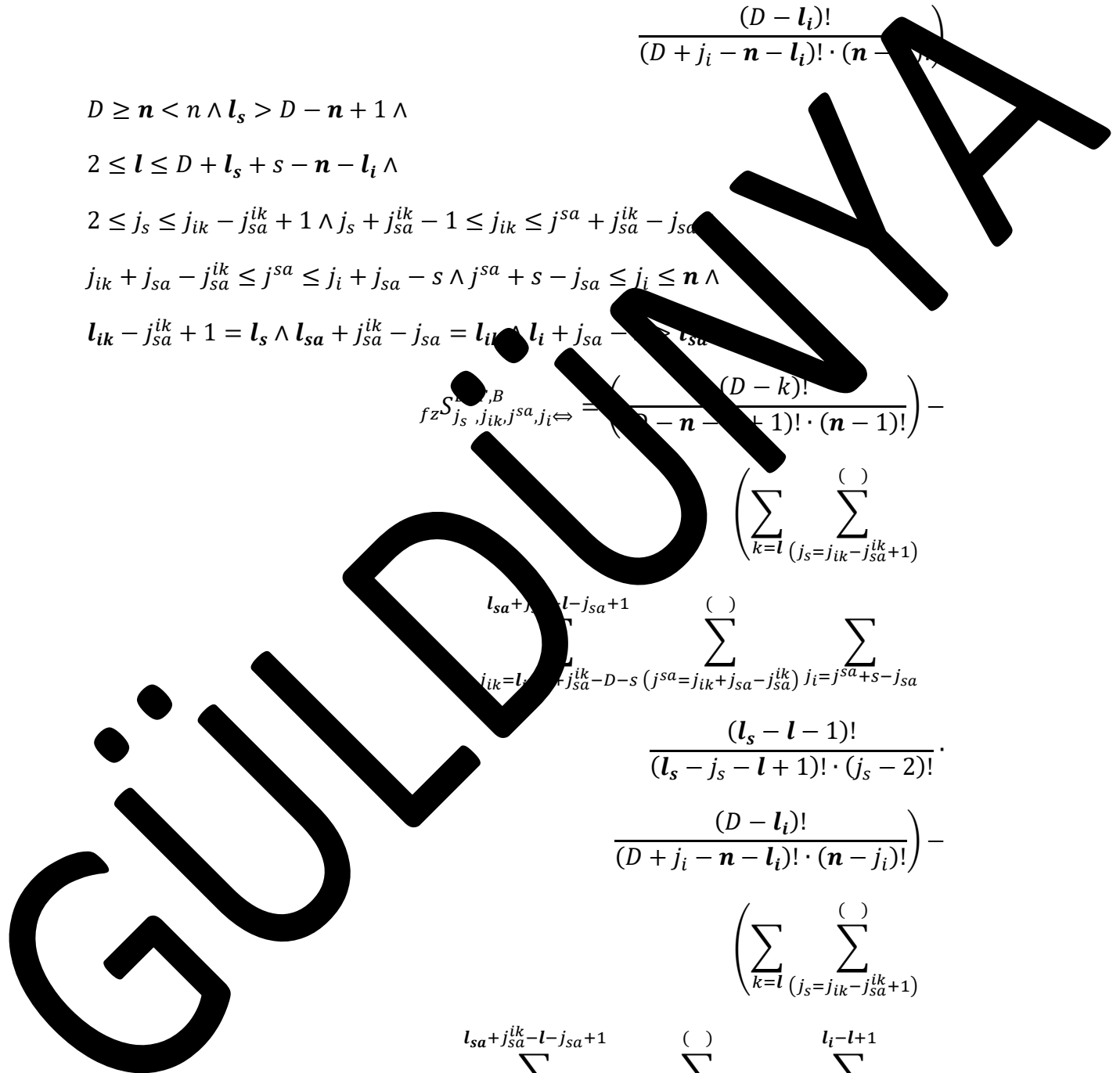
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{l_i-l+1} \sum_{j_i=l_i+n-}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 < j_{ik} \leq j^{sa} + j_{sa} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} - j_{sa} - s \wedge j^{sa} - j_{sa} - s \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{DST}(j^{sa}, j_i) \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{l_i-l+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} > l_{ik}$$

$$f_{z^B} \sum_{j_s, j_{ik}, j^{sa}, j_i} = \frac{\binom{D-k}{D-n-j_s+1} \cdot (n-1)!}{\binom{D-l_i}{D+j_i-n-l_i} \cdot (n-j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+1}^{l_i+1} \sum_{j_{sa}^{ik}=D-s}^{(\cdot)} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}) \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(l_i+j_{sa}-l-s+1)}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_{ik} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \geq l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$

$fz^D_{j_s=j_{ik}, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\left(\sum_{k=l}^{l_{ik}-l+1} \binom{l_{ik}-l+1}{k} \binom{l_s}{j_s=j_{ik}-j_{sa}^{ik}+1} \binom{l_{sa}-l+1}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \binom{l_i-l+1}{j_i=j^{sa}+s-j_{sa}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{l_{ik}-l+1} \binom{l_{ik}-l+1}{k} \binom{l_s}{j_s=j_{ik}-j_{sa}^{ik}+1} \right) \cdot \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j^{sa}=l_{sa}+n-D}}^{l_{sa}-l+1} \sum_{\binom{()}{j_i=l_i+n-D}}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_{ik}+n+j_{sa}^{ik}-D}^{l_{ik}-l+1} \sum_{\binom{()}{j^{sa}=j_{ik}-j_{sa}^{ik}}}^{l_i-l+1} \sum_{\binom{()}{j_i=j^{sa}+s-j_{sa}+1}}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} + j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \binom{(\quad)}{\sum_{k=1}^{\quad} \sum_{j_{ik}=j_{sa}^{ik}+s-j_{sa}}^{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \binom{(\quad)}{\sum_{k=1}^{\quad} \sum_{j_{ik}=j_{sa}^{ik}+s-j_{sa}+1}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \binom{(\quad)}{\sum_{k=1}^{\quad} \sum_{j_{ik}=j_{sa}^{ik}+s-1}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D - n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik})}^{(\quad)} \sum_{(j_i=j_{sa}^{ik}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{(j_i=j_{sa}^{ik}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{(j_i=j_{sa}^{ik}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=l_s+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{sa}^{ik}+j_{sa}-D-s)}^{(l_i+j_{sa}^{ik}-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - j_{sa}^{ik} + 1)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{l=1}^{(l_s-1)} \sum_{(j_s=l_s+l-D)}^{j_s-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j_{sa} = j_{ik} + j_{sa}^{ik})}^{(\quad)} \sum_{(j_i = j_{sa}^{ik} + s - j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j_{sa} = j_{ik} + j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{(j_i = j_{sa}^{ik} + s - j_{sa})}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa}^{ik} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa}^{ik} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D - 1}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{(j_{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)} \sum_{(j_i = l_i + n - D)}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{\binom{()}{j_i=j^{sa}+j_{sa}+1}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l - 1)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - j^{sa} + j_{sa} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + j_{sa} \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$\sum_{j_s, j_{ik}, j^{sa}, j_i \in \{DST, B\}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_s}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_s+l_{sa}^{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{l_s+j_{sa}^{ik}-l} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_s}^{(j_s=l_s+n-D)} \frac{(l_s - l - k)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_s \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{D, l, l_i} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{(j_s=l_s+n-D)} \right)$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_s=l_s+n-D)} \sum_{j_i=j^{sa}+s-j_s}^{(j_s=l_s+n-D)}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right) \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+s} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \sum_{(j_{sa}=l_{ik}+j_{sa}-D-s-1)}^{l_i+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_{ik}+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_s - l + 1 \leq j_{ik} \leq j_{ik} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + l_s - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_s - j_{sa} - s > l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{D_s} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right) \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}-j_{ik}-j_{sa})!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{l_i+n-j_{sa}^{ik}-D} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}-j_{ik}-j_{sa})!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{l_i-l+1} \sum_{j_i=j^{sa}+s-j_{sa}}
 \end{aligned}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_{ik}=l_i+n-D}^{l_s + j_{sa}^{ik} - l} \sum_{j_{sa}^{ik}=j_{ik} + j_{sa} - j_{sa}}^{()} \sum_{j_i=j_{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{j_{sa}^{ik}=j_{ik} + j_{sa} - j_{sa}}^{()} \sum_{j_i=j_{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(D-s+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l-j_{sa}+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l-j_{sa}+1)} \sum_{(j_i=j^{sa}+s-j_s)}^{(l_s-l-j_{sa}+1)} \frac{(l_s-l-j_{sa}+1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_s-l)!}{(D-n-l)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(D-s+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l-j_{sa}+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l-j_{sa}+1)} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{(l_i-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_i+n-D-s)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l-j_{sa}+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l-j_{sa}+1)} \sum_{(j_i=l_i+n-D)}^{(l_i-l+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \sum_{k=l}^{(D-k)!} \sum_{j_i=l_i+n-D}^{(n-1)!} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(l_{sa}-2)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1) \cdot (j_s-2)!} \\
 & \left(\frac{(D-l_i)!}{(D+j_i-n-l_i) \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{l=1}^{(l-D-s)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - s + 1)}^{(j_{sa}^{ik} + 1)} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = l_i + n - D - s + 1)}^{(j_i = j^{sa} + s - j_{sa})} \frac{(l_s - j_s - l + 1)! \cdot (j_s - 2)! \cdot (l_i + j_{sa} - l - s)!}{(j^{sa} + l_i - j_i - 1)! \cdot (j_i - j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(l_i + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1$$

$$2 \leq l \leq D + l_s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}^{(j_{sa}^{ik} + 1)} \sum_{(j_{ik} = j_s + j_{sa}^{ik} - 1)}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})}^{(j_i = j^{sa} + s - j_{sa})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j^{sa} = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s - j_{sa} - 1 - j_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s - D - s)} \sum_{(j_s = l_{ik} - D - j_{sa}^{ik} + 1)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j_s - j_{sa} - 1 - j_{sa})} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(j_s - j_{sa} - 1 - j_{sa})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D - n + 1 \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$l - j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_{ik} - l - j_{sa}^{ik} + 2)}$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_i + j_{sa} - l - s + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i - n - l_i)! \cdot (n - j_i)!}{(D - l_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_i + j_{sa} - l - s + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{l_i-l+1} \sum_{j_i=j^{sa}+s} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_i+n-l-s)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{sa}-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_i-l+1} \sum_{j^{sa}=l_{sa}+n-D} \sum_{j_i=l_i+n-D} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}
 \end{aligned}$$

GÜLDÜZMAYA

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{j_{ik} - l - j_{sa}^{ik} + 2} \sum_{j_s = j_{ik} - j_{sa}^{ik} + 1}^{j_{ik} + 1} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{j_{ik} - l + 1} \sum_{j^{sa} = l_{sa} + n - D}^{l_i - l + 1} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-1}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(n-D-s)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(j_{sa} + l_i - j_i - s)!}{(j_{sa} + l_i - j_i - s)! \cdot (j_i - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right) \cdot \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_i + j_{sa} - l - s + 1)} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1) \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_i + j_{sa} - l - s + 1)} \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_i + n - D - s + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_i + j_{sa} - l - s + 1)} (j^{sa} = l_i + j_{sa} - D - s) \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_i + j_{sa} - l - s + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n - n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}-j_{ik}+j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa}^{ik} - j_{sa} \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j^{sa} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} - l_i + j_{sa} \wedge l_{sa} \Rightarrow$

$S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$

$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) -$

$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-l}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_i + s - n - l_i - 1 \leq l \leq D - n - 1$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{ik} - j_{sa}^{ik} - 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - j_{sa} > l_s$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{S, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_s = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_i=j_{sa}+s-j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{(j_s=l_s+n-D)}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa} - l_{sa} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_i=j_{sa}+s-j_{sa}+1)}^{(l_s-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$l_i < l_s + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

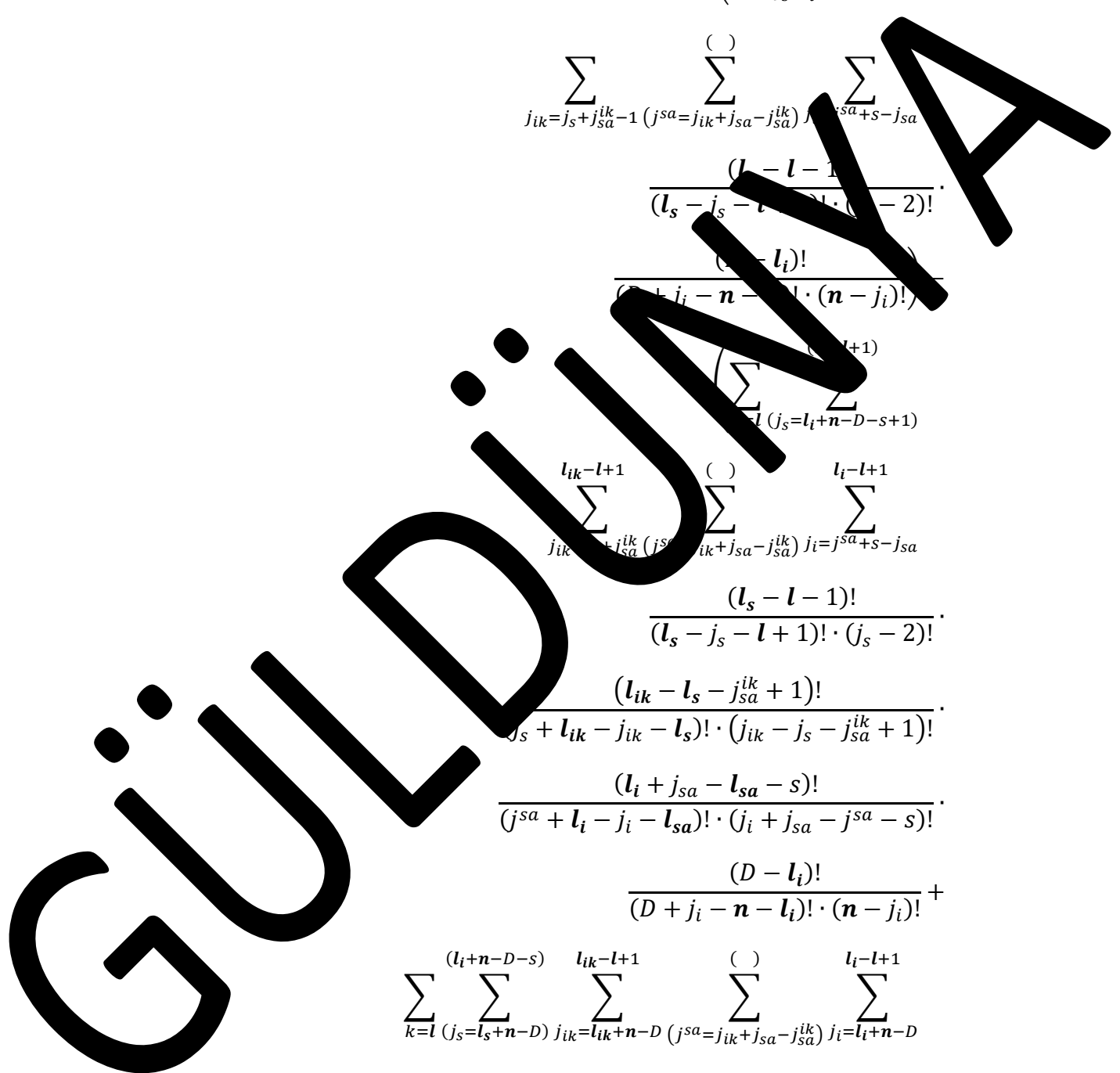
$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i + n - D - s)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} + s - j_{sa} \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_i > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z^{S_{j_s}} \cdot j_i \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

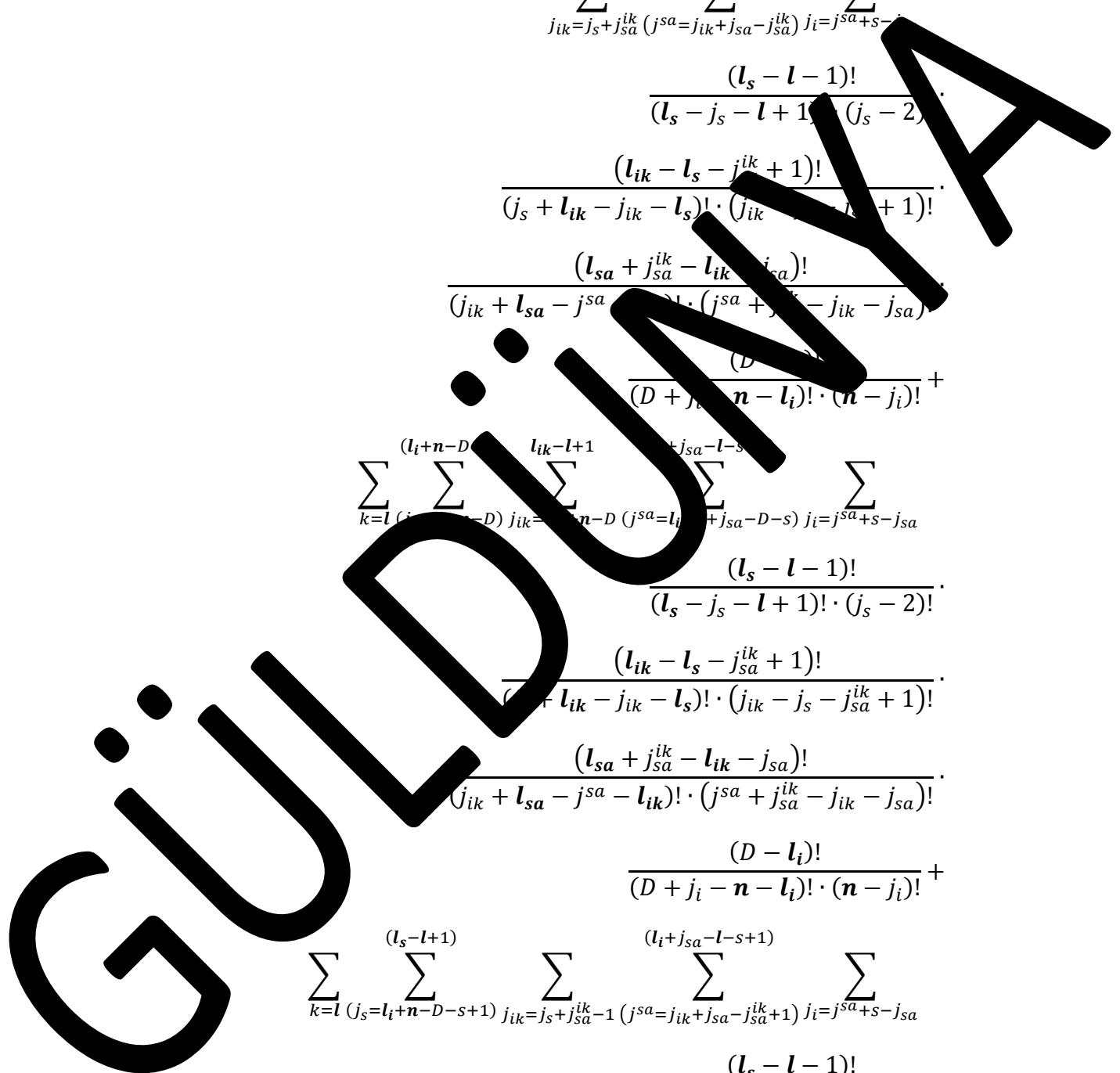
$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{ik}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_i+n-D)} \sum_{(j_s=l_i+n-D)}^{(l_i+n-D)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D - n - l_i + 1)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_i + n - D - s + 1}^{(l_s - l + 1)} \right)$$

$$\sum_{j_s = j_s + j_{sa}^{ik} - 1}^{(j^{sa} - j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_i + n - D - s + 1}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_{sa}^{ik} - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{j_s} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \frac{(l_{ik} + s - l - j_{sa}^{ik} + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot \left(\sum_{j_{ik} = l_{ik} + n - D}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{ik} + s - l - j_{sa}^{ik} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_{ik}-l+1}^{j_{ik}=l_{ik}+n-D} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{l_{sa}+s-l-j_{sa}+1}^{j_i=l_{ik}+s-l-j_{sa}^{ik}+2} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j^{sa} + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j_{sa}^{ik}}^{DST, B} \cdot j_i \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$

$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}-j_{sa}^{ik}+1}}$$

$$\sum_{l_{ik}-l+1}^{j_{ik}=l_{ik}+n-D} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{l_{sa}+s-l-j_{sa}+1}^{j_i=l_{sa}+n+s-D-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{(l_{sa}=n+s-D-j_{sa})}^{(\cdot)}$$

$$\frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-s-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{(j_{ik}=l_s+n+j_{sa}^{ik}-D-1)}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{(j_i=l_s+s-l+1)}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{j_s = j_{ik} - j_{sa}^{ik} + 1}^{l_s + j_{sa}^{ik} - 1} \sum_{j_{ik} = l_s + j_{sa}^{ik} - D - 1}^{l_s + j_{sa}^{ik} - 1} \sum_{j_i = j_i + j_{sa} - s}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{sa} + s - l - j_{sa} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \right. \\
 & \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l+1)} \sum_{(j_s=l_s+n-D)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-l+1}^{l_{sa}+s-l-j_{sa}+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s + n - D)}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{sa} = j_i + j_{sa} - s)} \sum_{(j_i = l_{sa} + n + s - D - j_{sa})}^{(j_i = l_s - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(j_i - l_s - j_{sa}^{ik} + 1)!}{(j_i + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s + n - D)} \right)$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{sa} = j_i + j_{sa} - s)} \sum_{(j_i = l_{sa} + n + s - D - j_{sa})}^{(j_i = l_s + s - l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right)$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{j_{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{()} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_s + s - l}$$

$$\frac{(l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{(j_s = l_s + n - D)}^{(l_s - l - 1)} \sum_{(j_s = l_s + n - D)}^{(l_s - l - 1)} \sum_{(j_s = l_s + n - D)}^{(l_s - l - 1)} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{()} \sum_{j_i = l_{sa} + n + s - l + 1}^{l_{sa} + s - l - j_{sa} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{()} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_s + s - l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} \Leftrightarrow \frac{(D - l_i)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (n - 1)!} \cdot \sum_{l=l}^{l+1} \sum_{(j_s=l_s+n-D)}^{l+1} \sum_{(j_i+l_1)}^{l+1} \sum_{(j_i+j_{sa}-s)}^{l_{sa}+s-l-j_{sa}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \right)$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_{sa} + n - D)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \right)$$

$$\sum_{j_{ik} = l_{ik}}^{(j_{ik} + j_{sa}^{ik} - j_{sa} - 1)} \sum_{(j^{sa} = l_{sa} + n - D)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j^{sa} = l_{ik} + j_{sa} - l - j_{sa}^{ik} + 2)}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\left(\sum_{l=1}^{(j_s=j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=n-D}^{l_{ik}-(l-1)} \sum_{j_{sa}=n-D}^{(j_{sa}+n-D)} \sum_{j_i=j_s+s-j_{sa}}^{(j_i-j_s+s-j_{sa})} \frac{(D-l-1)!}{(D-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik})! \cdot (l_{ik}-j_{sa})!}{(j_{ik}+j_{sa}-j_{sa}^{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right) \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k \binom{(\cdot)}{i_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{(l_s+l-1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l - j_{sa}^{ik})!}{(j_{ik} + j_{sa} - j_{sa}^{ik} - l_{sa})! \cdot (j_{sa}^{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq l_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq l_{sa} \leq j_i + j_{sa} - j_{sa}^{ik} \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+j_{sa}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=j_{sa}+s-j_{sa}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s}^{(l_s+j_{sa}-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_s-l_i)!}{(l_s-l-1)! \cdot (n-j_i)!} \right)$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$D + j_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$l_s \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} < j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$\sum_{j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{(\cdot)} \right)$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\begin{aligned}
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \\
 & \sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_s + n - D}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(j_s - l + 1)} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - l_{ik})} \sum_{j_s = l_s + n - D}^{(l_s + j_{sa} - l)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - l)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(j_s - l + 1)} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{(l_s - l + 1)} \sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_i - l + 1)} \frac{(l_i - l + 1)!}{(j_s + l_{ik} - l_s)! \cdot (j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l + 1 - j_{sa})!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right) \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l_i \leq D + l_s + j_{sa} - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \right)$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^{-}$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^{+}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1}^{l_{sa}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{()} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^{+}$$

$$D > n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D - s + s - n - l_i \wedge$$

$$j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)^{-}$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right. \\
 & \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right. \\
 & \sum_{j_{ik}=l_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}-1)}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left(\sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}} \right. \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$
 $2 \leq l \leq D + l_s + s - n - l_i \wedge$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(\quad)}$$

$$\frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+l-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(\quad)} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{l=l}^{(l+1)} \sum_{(j_s=l_s+n-D)} \sum_{(j_{ik}=l_{sa} + j_{sa}^{ik} - j_{sa} + 1)} \sum_{(j_{sa}^{ik}=j_{sa}^{ik} - D - j_{sa})} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i=j^{sa} + s - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right) \\
 & \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} - \\
 & \left(\sum_{k=l} \sum_{(j_s=l_s+n-D)} \right) \\
 & \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_{ik}+n-D} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}
 \end{aligned}$$

$$\begin{aligned}
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_s + j_{sa}^{ik} - l + 1}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik} = l_{sa} + j_{sa}^{ik} - D - j_{sa}}^{(l_s + j_{sa}^{ik} - l)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq l_i < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$2 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)!(j_s-2)!} \\
 & \left(\frac{(D-l_i)!}{(D+j_i-n-l_i)!(n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(n-D-j_{sa})} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{l=1}^{(l_{ik} - l_{sa}^{ik} + 2)} \sum_{j_s=l_{ik} - l}^{(j_s - l_{sa}^{ik} + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j^{sa} - D)} \sum_{j_i=j_s + j_{sa}^{ik} - j_{sa}}^{(j^{sa} + s - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - n + s - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l - 1)} \sum_{j_s=l_{sa} + n - D - j_{sa} + 1}^{(j_s - l - 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j_s + j_{sa}^{ik} - j_{sa}}^{(j_i = j^{sa} + s - j_{sa})} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+...)}^{(l_s-l-1)} \right) -$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(l_s-l-1)!} \frac{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(D-j_{sa})} \sum_{(j_s=l_s+n-D-j_{sa}+...)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-l-1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}-j_{ik}+j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa}^{ik} - j_{sa} \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j^{sa} + j_{sa} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} - j_{sa}^{ik} + j_{sa} \wedge l_{sa} \Rightarrow$

$S_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$

$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$

$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right)$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l_s \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} - j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{ik} - j_{sa}^{ik} - 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} = l_{sa}$$

$$fz S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{A, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_s}^{(\cdot)} \sum_{j_{sa}^{ik}=j_{sa}}^{l_s+s-l} (j^{sa}=j_i+j_{sa}-s) j_i=l_{ik}+s+n-D-j_{sa}^{ik}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{j_{sa}^{ik}=j_{sa}}^{l_s+s-l} (j^{sa}=j_i+j_{sa}-s) j_i=l_{ik}+s+n-D-j_{sa}^{ik}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(\quad)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_s+s-l+1}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_{ik} - j_{sa}^{ik} \leq j_{ik} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$

$fz^D_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{\binom{(\quad)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^D \sum_{j_i=j^{sa}+s-j_{sa}}^{D-j_{sa}^{ik}} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_{ik}-j_{sa}^{ik}+1} \frac{(j_s - l)!}{(j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i} \stackrel{DST, B}{\Leftrightarrow} \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}$$

$$\sum_{j^{sa} = j_{sa}^{ik} + j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\)}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\left(\sum_{k=l}^{(\)} \sum_{(j_s = l_s + n - D)}^{(\)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\)} \right)$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

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$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D - j_{ik} + j_{sa}^{ik} + j_{sa} - j_{sa}^{ik})} \frac{(l_{ik} - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
 & \left(\sum_{k=l}^{(l_s-1)} \sum_{(j_s=l_s-n+D-j_{sa}^{ik}+1)} \sum_{(j_{sa}^{ik}+1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_{ik}-D-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D-j_{sa}^{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{k-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = s+1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_s \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = s+1}^{l_{sa} + j_{sa} - l - s + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + j_{sa} - s)} \sum_{j_i = s+1}^{l_{sa} + j_{sa} - l - s + 1} \right)$$

$$\left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=s+2}^{(j_i+j_{sa}-s-1) l_{sa}+j_{sa}-l-s+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_{sa}+j_{sa}-l-s+2}^{(l_{sa}-1) l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_s \leq D + 1 \wedge$$

$$l \leq j_s \leq l - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} = j^{sa} \wedge j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_{ik}+j_{sa}^{ik}-l-s+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{j_{sa}^{ik}=j^{sa}-j_{sa}+s}^{(\cdot)} \sum_{j_i=s+1}^{(j_{sa}^{ik}-l-s+1)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} -$

$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_{sa}+1)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=s+2}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$

$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=l_{ik}+j_{sa}^{ik}-l-s+2}^{l_i-l+1}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_{ik}+j_{sa}^{ik}-l-s+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_{ik}=j_{sa}^{ik}+1)} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_{ik}+j_{sa}^{ik}-l-s+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_{ik}+j_{sa}^{ik}-l-s+1)}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

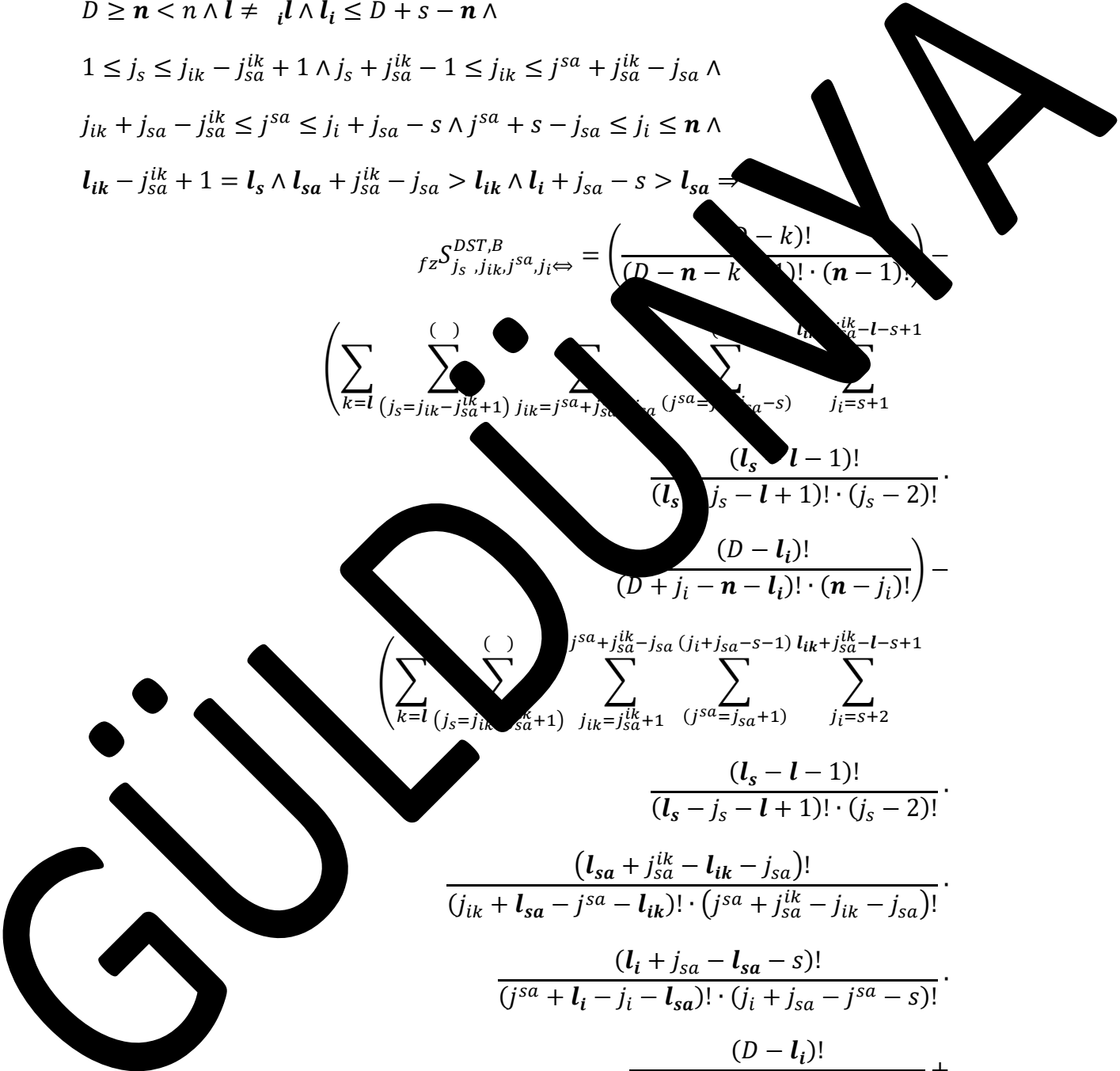
$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - n - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}}^{(\cdot)} \sum_{(j^{sa}=j_{sa}-s)}^{(\cdot)} \sum_{j_i=s+1}^{l_{sa}^{ik}-l-s+1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=s+2}^{l_{ik}+j_{sa}^{ik}-l-s+1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=l_{ik}+j_{sa}^{ik}-l-s+2}^{l_i-l+1}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - l_i)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{\binom{()}{j_{sa}=j_i+j_{sa}-s}} \sum_{j_i=s+2}^{l_i+j_{sa}-l-s+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - l_s \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} + j_{sa}^{ik} + j_{sa} - s \wedge j_{sa} + j_{sa}^{ik} - s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_{sa} + j_{sa} - j_{sa}^{ik} - l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j_{sa}=j_i+j_{sa}-s}} \sum_{j_i=s+1}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa})} \sum_{j_i=s+1}^{l_s+s-1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l - 1)!}{(D - j_i - n - l)! \cdot (n - j_i)!} - \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=s+2}^{(j_i+j_{sa}-s-1) l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_s+s-l+1}^{l_s+j_{sa}-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_s+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_s-l)!}{(D+j_i-n-l)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+2}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_s-l-1-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_s+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (s - 2)!} \cdot \frac{(l_i - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{l_s-j_{sa}^{ik}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+2}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \right.$$

$$\left. \sum_{k=l} \sum_{(j_s=2)}^{l_s-l+1} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_s+l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l)!}{(D + j_i - n - l)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=s+2}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l - j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right)$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_s+s-l+1}^{l_s+j_{sa}^{ik}-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l + 1)!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{l_i - l + 1}{(l_i + j_{sa} - l_{sa} - s)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=s+2}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_{ik} < n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge j_i + j_{sa} - s > \Rightarrow$

$fz_{j_s, j_{ik}}^{DST, j_i} \Leftrightarrow \frac{(D - k)!}{((D - n - k + 1)! \cdot (n - 1)!)} -$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=s+1}^{l_s+s-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=2}}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_{sa}+1}}^{(j_i+j_{sa}-s-1)} \sum_{j_i=s+2}^{l_s+s-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_{sa} - l + 1)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}}^{l_i - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}{(D - l_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(j_s)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j_s)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_i + l_{sa} \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i)} \sum_{j_i=s+2}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{(j_s=2)}^{(l_s-l-1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+2}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$S_{j_s, j_{ik}, j_{sa}^{ik}}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^n \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_{ik}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{j_{ik}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_s+s-l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=j_{sa}+1)}^{l_s+s-l} \sum_{j_i=s+2} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{(l_{sa} - l_{ik} + 1)} \sum_{(j^{sa}=j_i + j_{sa} - s)}^{l_i - l + 1} \sum_{j_i=l_s + s - l}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

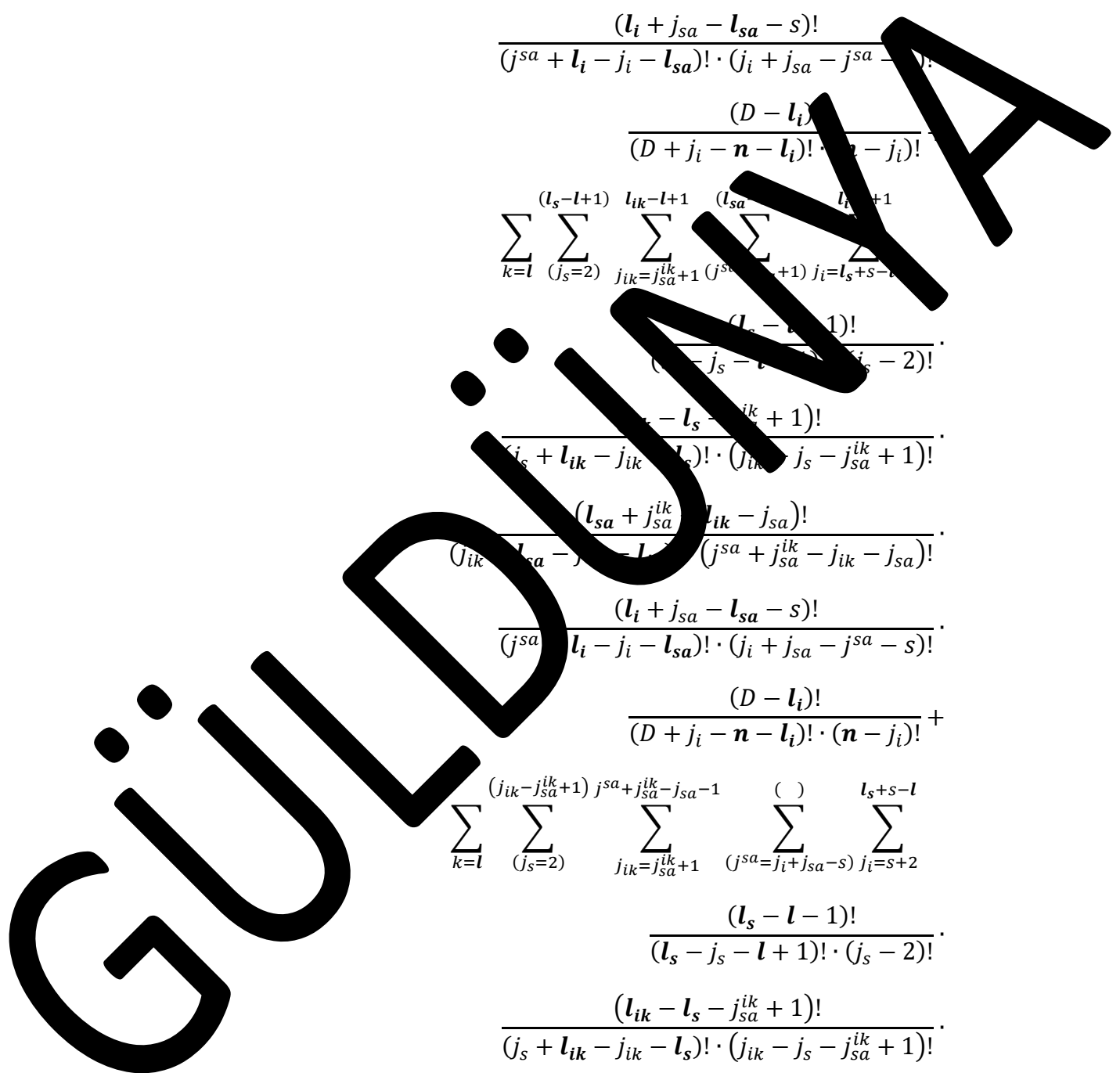
$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{()} \sum_{(j^{sa}=j_i + j_{sa} - s)}^{l_s + s - l} \sum_{j_i=l_s + s - l}^{l_s + s - l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+2}^{(l_s+s-l)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST,A} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_{sa}-l-s+1)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST,B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{j_{sa}^{ik}=j_{sa}+1}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$

$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{j_{sa}^{ik}=j_{sa}+1}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$

$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \right) -$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \sum_{j_{sa}=j_{sa}+1}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j^{sa}+j_{sa}^{ik}-l-s+1)} \sum_{(j^{sa}=j_{sa}+2)}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}^{ik}-l-s+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}}^{(l_{ik}+j_s-l-s+1)} \sum_{j_{sa}^{ik}=j_{sa}+1}^{(l_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{()} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \right.$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j^{sa}+j_{sa}^{ik}-l-s+1)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_i-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \right.$$

$$\left. \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_{ik}-l+1)} \sum_{(j^{sa}=l_{ik}+j_{sa}^{ik}-l-s+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{\binom{()}{j^{sa}=j_{sa}^{ik}+1}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s - l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$\sum_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_{sa}^{ik}+1}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = j_{sa} + 1)} \sum_{j_i = j_{sa} + s - j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = j_{sa} + 1)} \sum_{j_i = j_{sa} + s - j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_i - l_{sa} - s)!}{(j_{sa} + j_i - l_{sa} - s)! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq 0 \wedge l_i \leq D + s - l$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa} = j_{sa} + 1)} \sum_{j_i = j_{sa} + s - j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}-l}^{(l_s+l+1)} \sum_{(j_{sa}=l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l \neq j_l \wedge l_i \leq D + \dots - n \wedge$

$1 \leq j_{ik} - j_{sa}^{ik} + \dots \wedge j_s + j_{sa}^{ik} - 1 \dots \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \dots \leq j_i \dots + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} \dots + 1 > l_s \wedge \dots + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}} \sum_{(j_{sa}=l_s-l+1)}^{(l_s-l+1)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \frac{(l_s-l+1)!}{(l_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + 1 - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{sa} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} - j_{sa}^{sa} \leq j_i \leq j_{sa} - s + j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right. \\
 & \qquad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \qquad \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \qquad \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \qquad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left. \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-j_{sa}-l+1} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \right) \\
 & \qquad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \qquad \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \qquad \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \qquad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left. \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \right) \\
 & \qquad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \qquad \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \qquad \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big)
 \end{aligned}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_s+j_{sa}-l)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s-j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \right) \cdot$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s-j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right) \cdot$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \cdot$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s + j_{sa} - l)} \sum_{j_i=j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i < n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge j_i + j_{sa} - s =$ \Rightarrow

$fz_{j_s, j_{ik}}^{DST, l_i} \Leftrightarrow \frac{(D - k)!}{((D - n - k + 1)! \cdot (n - 1)!)} -$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s + j_{sa} - l)} \sum_{j_i=j^{sa} + s - j_{sa}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}^{ik} + 1} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s + j_{sa} - l)} \sum_{j_i=j^{sa} + s - j_{sa}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_s+j_{sa}-l)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+2)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq n < n \wedge l_i \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s-j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i-l+1)} \right) \cdot$$

$$\frac{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s+j_{sa}-l)} \sum_{j^{sa}=j_{sa}+1}^{(l_s-j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_i-l+1)} \right) \cdot$$

$$\frac{(l_s - l - 1)!}{(j_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_s + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

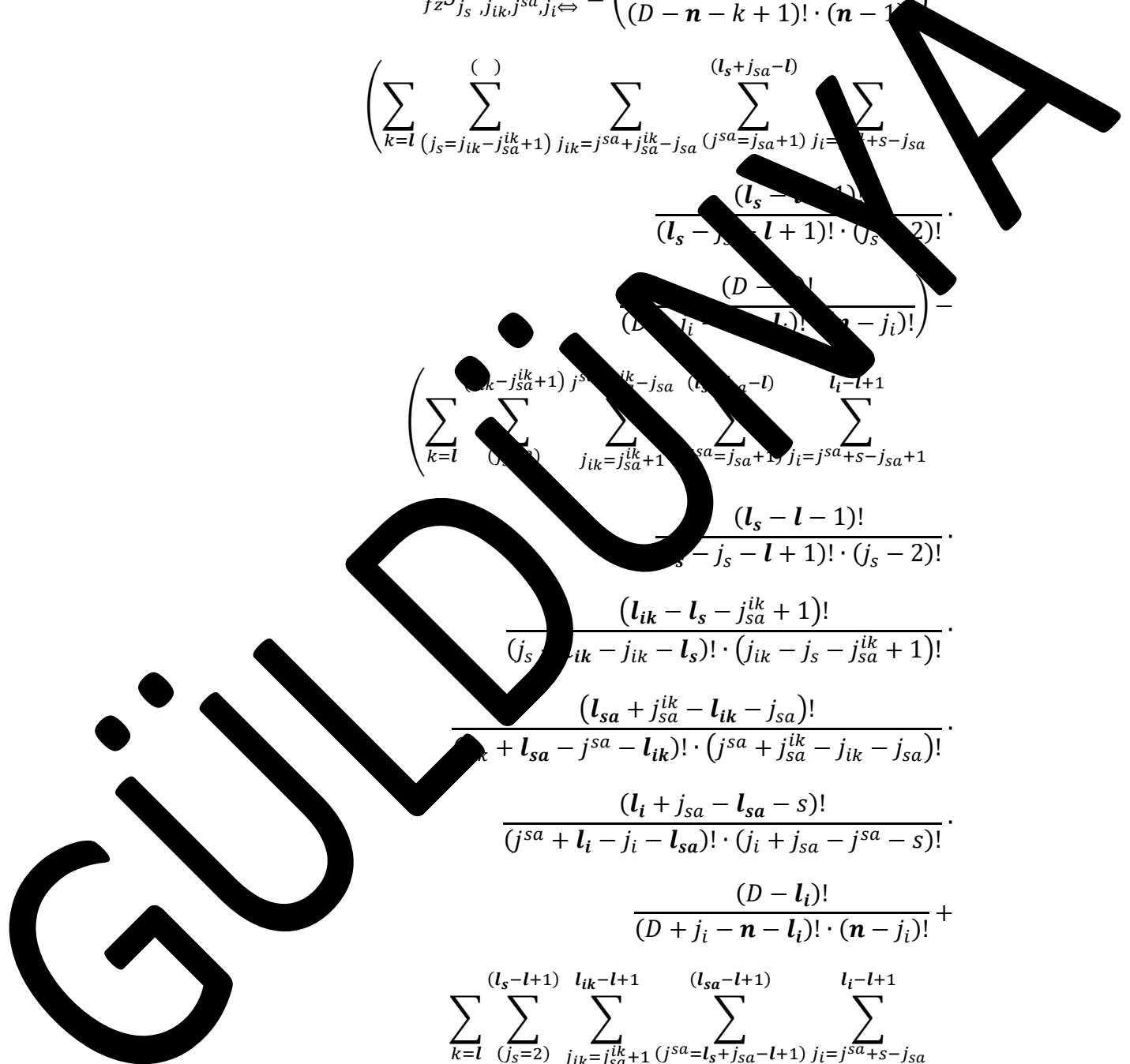
$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$



$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s + j_{sa} - l)} \sum_{(j^{sa}=j_{sa}+2)}^{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s + j_{sa} - l)} \sum_{(j^{sa}=j_{sa}+2)}^{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < l, l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j_{sa}+s}^{l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_i - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa} + s)! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D + s - n + 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} = j_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{ik}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{ik}-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l)!}{(D + j_i - n - l)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{ik}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{ik}-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa}+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + l - l_{sa} - s)!}{(D + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D > n < n \wedge l_{ik} \leq D + s - n \wedge$$

$$1 \leq j_i \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_{ik}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{ik}-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i < n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge j^{sa} + j_{sa} - s > j_i \Rightarrow$$

$$fZ_{j_s, j_{ik}, j_i}^{DST, l_i} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{l_i-l+1}^{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$\sum_{\binom{DST,B}{fz, j_s, j_{ik}}} j_i \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_s + j_{sa}^{ik} - 1} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_{sa}^{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_s + j_{sa}^{ik} - 1} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_{sa}^{sa} + s - j_{sa} + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - j_{sa} - l_{sa} - s)!}{(D + l_i - j_i - l_i)! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} + j_{sa} \leq j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge j_{sa}^{ik} + j_{sa}^{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=1} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_s + j_{sa}^{ik} - 1} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_{sa}^{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}}^{l_{sa}-l+1} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{sa} - s - j_{sa} \leq j_i - n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa}^{sa} - s = l_{sa}$

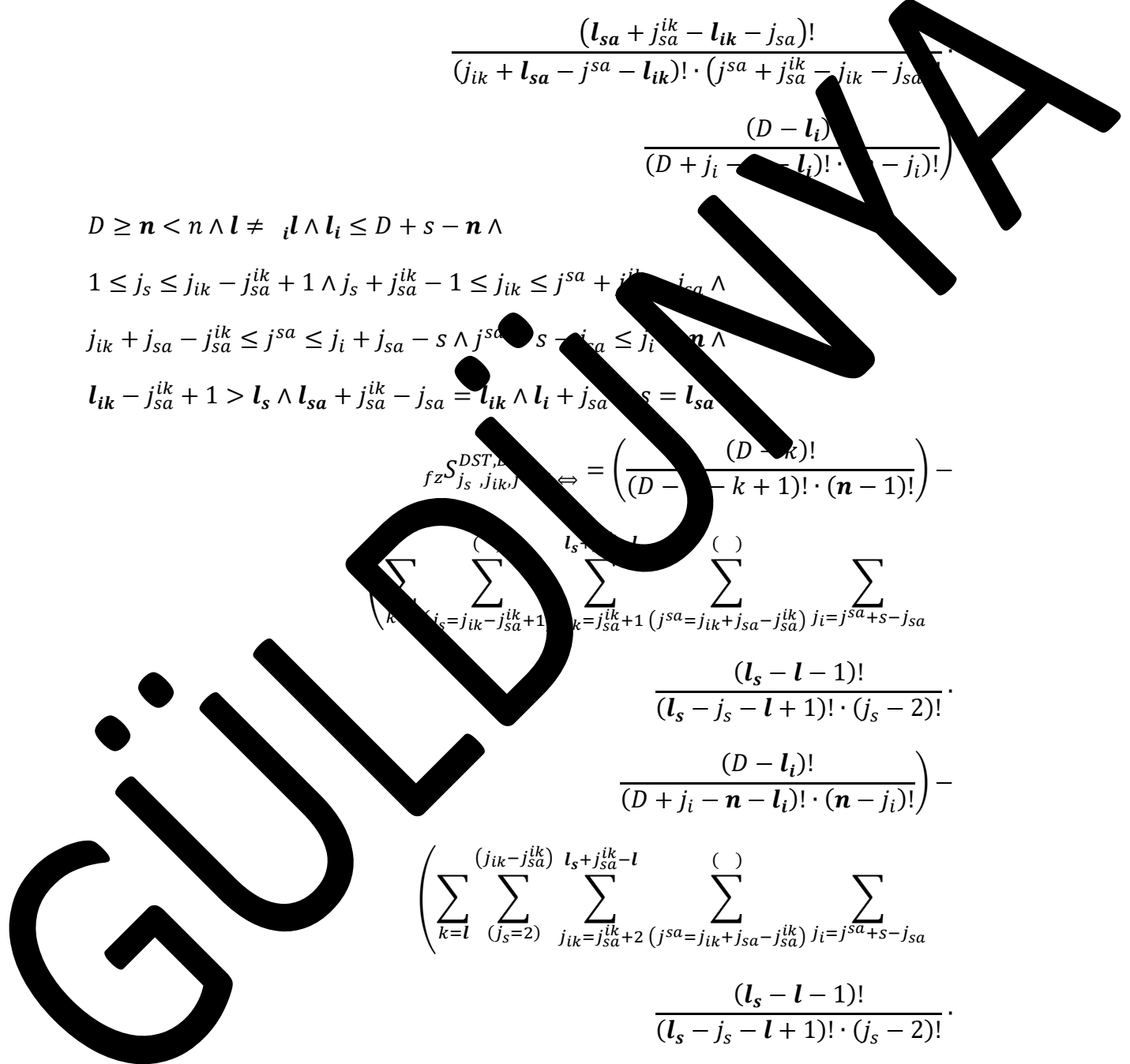
$fz_{j_s, j_{ik}}^{DST, l} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=j_{sa}^{ik}+2}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \right) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$



$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \leq j_i + j_{sa} - s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$fz_{j_s, j_{ik}}^{DST, l_i} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{l_s-l} \sum_{k=j_{sa}^{ik}+1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{l_i-l+1}^{l_i-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{sa}-j_{sa})!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-l_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - j_{sa}^{ik} + s - j_{sa} \leq j_i \leq j^{sa} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \Rightarrow$

$\sum_{\binom{DST,B}{j_s=j_{ik}j^{sa}}} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{l_i-l+1}^{l_i-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1} \right) -$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$

$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j_{ik}-j_{sa}^{ik}+1) l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{l_i-l+1}^{l_i-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1} \right) -$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(j^{sa}=j_{ik}+j_{sa}^{ik})} \sum_{(j_i=j^{sa}+s-j_{sa})}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{(j_s=2)}^{(j_{ik}-j_s)} \sum_{l_s+j_{sa}^{ik}-l}^{(j^{sa}=j_{ik}+j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{ik}+2}^{(j_i=j^{sa}+s-j_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

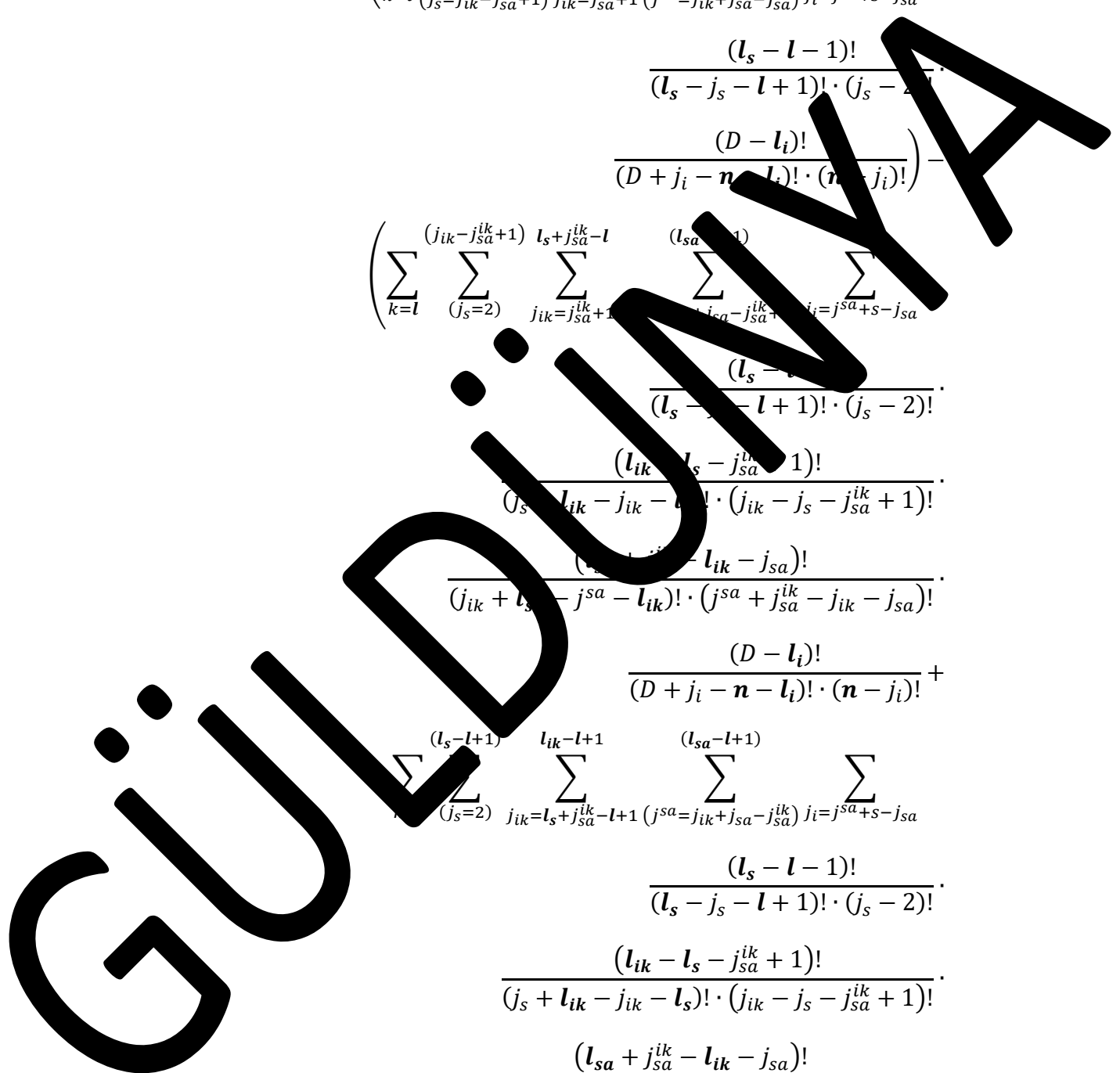
$$D \geq n < r \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 - j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$\begin{aligned}
 f_{j_s j_{ik} j^{sa} j_i}^{DST, B} &= \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \\
 &\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{l_s + j_{sa}^{ik} - l} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{j_i = j^{sa} + s - j_{sa}} \right. \\
 &\quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 &\quad \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\
 &\left(\sum_{k=l} \sum_{\binom{(j_{ik} - j_{sa}^{ik} + 1)}{j_s = 2}} \sum_{l_s + j_{sa}^{ik} - l} \sum_{\binom{(l_{sa} - 1)}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{j_i = j^{sa} + s - j_{sa}} \right. \\
 &\quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 &\quad \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 &\quad \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 &\quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 &\sum_{\binom{(l_s - l + 1)}{j_s = 2}} \sum_{l_{ik} - l + 1} \sum_{\binom{(l_{sa} - l + 1)}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{j_i = j^{sa} + s - j_{sa}} \\
 &\quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 &\quad \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 &\quad \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 &\quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$



$$\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{ik}+2}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-l_i)! \cdot (n-j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$f_{j_s, j_{ik}, j^{sa}, j_i}^{A, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Big) -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_s - j_{sa}^{ik} - l + 1}^{(l_{sa} - l + 1)} \sum_{(j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{l_i - l + 1} \sum_{j_i=j_{sa} + s - j_{sa} + 1}^{(j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i=j_{sa} + s - j_{sa} + 1)}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{ik}+2}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - l_{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST,B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_i-l-s+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST,B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{l_{sa}-l-j_{sa}+2}{j_s=2}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{(\quad)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} \Rightarrow$

$fz_{ik, j^{sa}, j_i}^{DST, B} \left(\frac{(D - l_i + 1)!}{(D - n - l_i + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l}^{\binom{l_{sa}-l-j_{sa}+2}{j_s=2}} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{(\quad)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{l_{sa}-l-j_{sa}+2}{j_s=2}} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{(\quad)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz^{S_{j_s, j_{ik}, j_{sa}^{ik}, j_i} \Leftrightarrow}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j_{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz^{S_{j_s, j_{ik}, j_{sa}^{ik}, j_i} \Leftrightarrow}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j_{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j_{sa} + s - j_{sa} + 1}^{l_i - l + 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, l, l_i} = \left(\frac{(D - k)!}{(D - k + 1)!} \right) -$

$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{j_s=2}^{(j_s - 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j_{ik} - 1)} \sum_{j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik}}^{(j_{sa} - 1)} \sum_{j_i=j^{sa} + s - j_{sa}}^{(j_i - 1)} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{j_s=2}^{(j_s - 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j_{ik} - 1)} \sum_{j_{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{(l_{sa} - l + 1)} \sum_{j_i=j^{sa} + s - j_{sa}}^{(j_i - 1)} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$

$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{ik}-l-j_{sa}^{ik}+2)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_i)!}{(l_i + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{ik}-l-j_{sa}^{ik}+2)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i - l_i)!}{(l_i + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_{ik}-l-j_{sa}^{ik}+2)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - j_s)!} \cdot \frac{\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j^{sa} + s - j_{sa}}}{\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - l$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \frac{\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j^{sa} + s - j_{sa}} \right)}{\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}} \cdot \frac{\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}}{\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + j_{sa}^{ik}} \sum_{j_{sa}=j_{sa} - j_{sa}^{ik}} \sum_{j_i=j^{sa} + s - j_{sa}} \right) \cdot \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s - 1} \sum_{j_{sa}=j_{sa} - j_{sa}^{ik} + 1} \sum_{j_i=j^{sa} + s - j_{sa}} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}-1)!}{(j_s+l_{ik}-j_{ik}-l_{sa})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq l_s - 1$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$
 $j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{ik} + j_{sa}^{ik} - j_{sa} > l_i + j_{sa} - s > l_{sa} \Rightarrow$

$$j_s, j_{ik}, j^{sa}, j_i \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_{sa}-l+1)}{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_i=j_{sa}+s-j_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq l + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq l_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_{sa} + j_{sa}^{ik} - j_{sa} \wedge l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$f_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_i=j_{sa}+s-j_{sa})} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}} \binom{(\quad)}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}} \binom{(\quad)}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n-l \neq l, l \leq D+s-n$
 $1 \leq j_s \leq j_{ik}-j_{sa}^{ik}+1 \wedge j_s \leq j_{sa}^{ik}-j_{sa} \leq j_{ik} \leq j^{sa}+j_{sa}^{ik}-j_{sa} \wedge$
 $j_{ik}+j_{sa}^{ik}-j_{sa}^{ik} \leq j^{sa}+j_{sa}^{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq n \wedge$
 $l_{ik}-j_{sa}^{ik}+1 \leq l_s \wedge l_{sa}^{ik}-j_{sa}^{ik}-j_{sa} > l_{ik} \wedge l_i+j_{sa}-s = l_{sa} \Rightarrow$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \binom{(\quad)}{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - l + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$(D \geq l_i \leq n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq l_i \leq n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n \Rightarrow$$

$$\begin{aligned}
 f_{z S_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow}^{DST, B} &= \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \\
 &\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_s - l + 1)} \sum_{j_i=j^{sa} + s}^{(l_s - l + 1)} \right. \\
 &\quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 &\quad \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\
 &\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_s - l + 1)} \sum_{j_i=j^{sa} + s - j_{sa}}^{(l_s - l + 1)} \right. \\
 &\quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 &\quad \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{sa} - j_{ik} - j_{sa}^{ik})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 &\quad \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 &\quad \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 &\quad \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) + \\
 &\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{j_i=j^{sa} + s - j_{sa}}^{(l_s - l + 1)} \\
 &\quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 &\quad \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 &\quad \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
 \end{aligned}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \binom{(\quad)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-l_{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{ik} - j_{sa} \leq j_i \leq j_{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} - l_i + j_{sa} - s > j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_{Z_{DST,B}}(j_{ik}, j_{sa}^{ik}) \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \binom{(\quad)}{j_{sa}=j_i+j_{sa}-s} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_i+n-D}^{(j_i+j_{sa}-s-1) l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{(l_{sa}+s-l-j_{sa}+1)} \sum_{j_i=l_i+n-D}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - 1 + 1 \leq l \leq i - 1 \wedge$

$1 < j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{ik} \leq j_i + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - n - 1 \leq D + l_s + s - n - 1 \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_i+n-D}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_{z_{j_i, j_{ik}, j_{sa}, j_i}}^{DST, l} = \left(\frac{\binom{D-l_i}{k}}{(D-l_i-k+1)! \cdot (k-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=j_{sa}+1)}^{l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\sum_{k=l}^{\binom{\cdot}{\cdot}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_i-l+1} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq i \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i + j_{sa} - s \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$$\sum_{k=l}^{\binom{\cdot}{\cdot}} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned} & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{sa}^{ik}+1)}^{(\cdot)} \right) - \\ & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{(\cdot)} \frac{(l_s - j_s - l + 1)!}{(l_s - l)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \\ & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right) - \\ & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_s=j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\ & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\ & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\ & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \end{aligned}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B} S_{j_s, j_{ik}, j^{sa}, j_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{i-1} \sum_{j_{ik}=j_{sa}^{ik}+j_s-1}^{l_{ik}-1} \sum_{j^{sa}=j_i+j_{sa}-s}^{l_{ik}-1} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B} S_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right) \\
 & \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-}^{l_{ik}+s-l-j_{sa}^{ik}+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \\
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right) \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n)}^{(j^{sa}=j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot
 \end{aligned}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq i - 1 \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa}^{ik} - j_{sa} \leq l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$\sum_{j_i=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \binom{DST,B}{j_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (k-1)!} \right) \cdot \left(\sum_{l=k}^{j_s} \sum_{\substack{j_{ik}=j_s+l \\ j_{sa}^{ik}=j_s+l}} \sum_{\substack{j_i=l_i+n-D \\ j_i+l_i+n-D}} \sum_{\substack{j^{sa}=j_i+j_{sa}-s \\ j^{sa}=j_i+j_{sa}-s}} \sum_{\substack{j_s=j_{ik}-j_{sa}^{ik}+1 \\ j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{\substack{j_s=j_{ik}-j_{sa}^{ik}+1 \\ j_s=j_{ik}-j_{sa}^{ik}+1}} \frac{(l_s+l-k)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(j_i-n-l_i)! \cdot (n-j_i)!} \right) - \left(\sum_{k=l}^{j_s} \sum_{\substack{j_s=j_{ik}-j_{sa}^{ik}+1 \\ j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{\substack{j_i+l_i+n-D \\ j_i+l_i+n-D}} \sum_{\substack{j^{sa}=j_{sa}+1 \\ j^{sa}=j_{sa}+1}} \sum_{\substack{j_i=l_i+n-D \\ j_i=l_i+n-D}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{k=l}^{j_s} \sum_{\substack{j_s=j_{ik}-j_{sa}^{ik}+1 \\ j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{\substack{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa} \\ j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}} \sum_{\substack{j^{sa}=j_{sa}+1 \\ j^{sa}=j_{sa}+1}} \sum_{\substack{j_i=l_s+l-1 \\ j_i=l_s+l-1}} \sum_{\substack{j_i=l_s+l-1 \\ j_i=l_s+l-1}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$f_{j_s}^{z^D, T, B} \cdot j_{sa}^{j_i} \Leftrightarrow = \frac{(n - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}^{()} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{(j_i=l_i+n-D)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s} \right)$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = j_s + j_{sa}^{ik} - 1}} \sum_{\binom{()}{j_{sa} = j_{sa}^{ik} - j_s + 1}} \sum_{\binom{()}{j_i = l_i + n - D}} \frac{(l_s - l + 1)!}{(l_s - j_s + l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{sa} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \sum_{\binom{()}{j_{ik} = j_s + j_{sa}^{ik} - 1}} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
 & \left(\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \right) \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l)!}{(D + j_i - n - l)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right) \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-j_{sa}^{ik})} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{l_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}^{ik}+1} \sum_{j^{sa}=j_s+n-D}^{j_s+n-D} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(l_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right) \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \cdot \\
 & \left(\sum_{k=2}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(\cdot)} \right) \\
 & \sum_{j_{ik}j^{sa}+j_{sa}^{ik}}^{(\cdot)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_s+s-l} \sum_{j_i=l_i+n-D}^{(\cdot)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{l_i-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(\cdot)} \sum_{j_i=l_s+s-l+1}^{(\cdot)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot
 \end{aligned}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} \leq j_i \leq j_{sa} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} - l_i + j_{sa}^{ik} - j_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$$\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (k-1)!} \right) \cdot \left(\sum_{l=1}^{j_s} \sum_{j_{ik}=j_s+l}^{j_{ik}-j_{sa}^{ik}} \sum_{j^{sa}=j_i+j_{sa}-s}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(j_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{l_s+s-l} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

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$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_s+s-l+1)}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{j_{ik}-j_{sa}^{ik}} \sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_i+n-D)}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D > n < n \wedge \neq i \wedge l \wedge \leq D - n + 1 \wedge$$

$$D + l_s + s - n - 1 + 1 \leq l_s - 1 \wedge$$

$$1 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq l + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_i+n-D)}^{l_s-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - k)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\begin{aligned}
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \\
 & \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right) \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{(j_i+l_i-n-D)}^{l_s+s-1} \\
 & \frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +
 \end{aligned}$$

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$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{j_{sa}^{ik}+j_{sa}-1} \sum_{j_{ik}=l_{ik}+n-D}^{(j_{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_i+n-D)}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}^{ik}-j_{sa}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-l_i)! \cdot (n-j_i)!} + \dots$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$l_i - s + 1 > l_s \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{(j^{sa}=l_{sa} + n - D)}^{l_i - l + 1} \sum_{j_i=l_i + n - D} \dots$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq l - n + 1 \wedge$

$2 \leq l \leq D + l_s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_i \leq j_i + j_{sa} - j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^{-}$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)^{-}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{sa} + 1)}^{(l_s - l + 1)} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l \leq n \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$l_i - j_{sa}^{ik} + 1 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

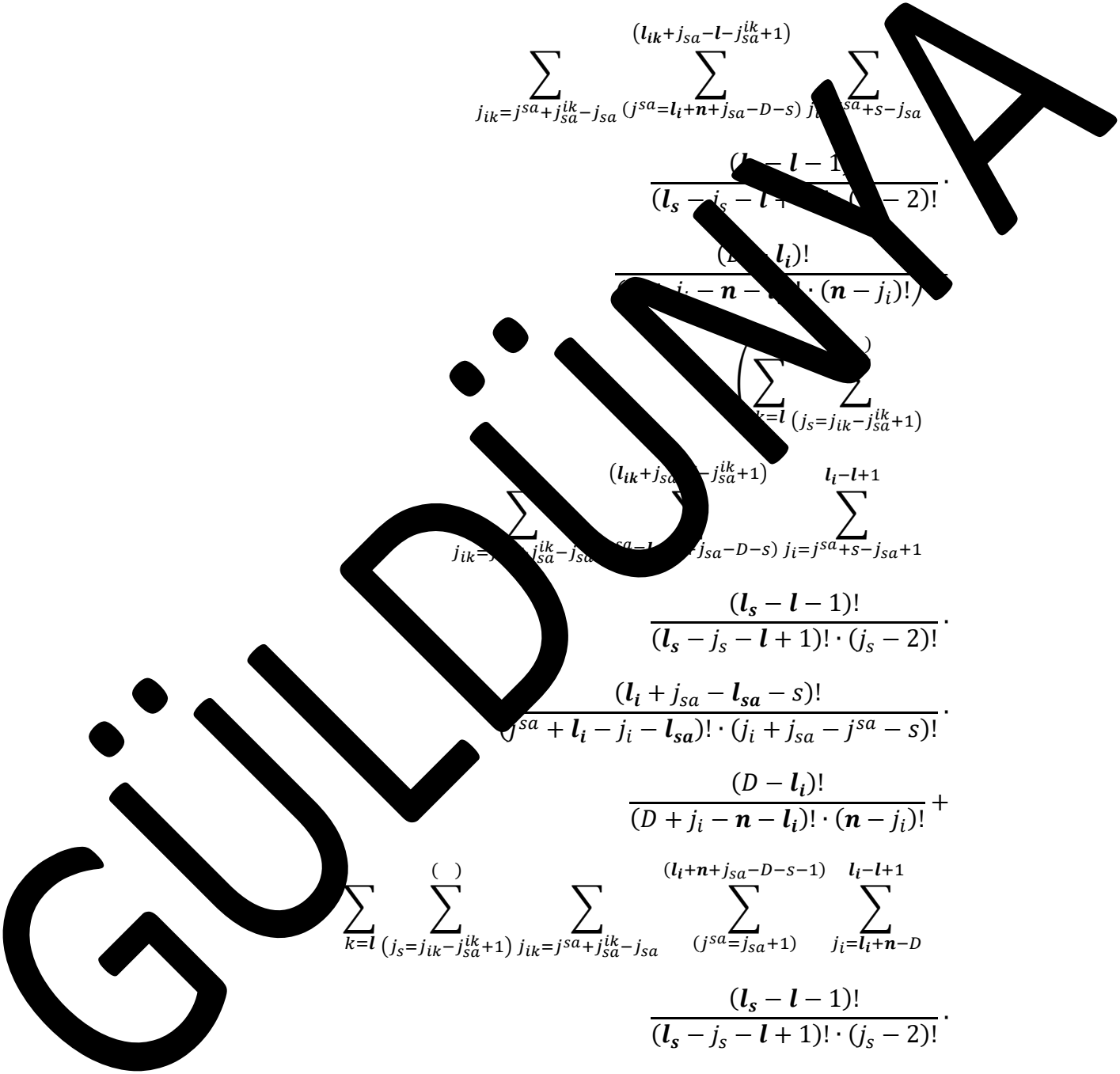
$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_i + n + j_{sa} - D - s - 1)} \sum_{(j^{sa} = j_{sa} + 1)}^{l_i - l + 1} \sum_{j_i = l_i + n - D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$



$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(j^{sa}+j_{sa}^{ik}-j_{sa})} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j^{sa}+j_{sa}^{ik}-j_{sa})} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(j^{sa}+j_{sa}^{ik}-j_{sa})} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

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$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{DS, l, l_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j_{sa} = l_i + 1)}^{(j_{sa} - D - s)} \sum_{j_i = j_{sa} - s}^{(l_s - l - 1)!} \frac{(l_s - l - 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j_{sa} = l_i + n + j_{sa} - D - s)}^{(l_i - l + 1)} \sum_{j_i = j_{sa} + s - j_{sa} + 1}^{(l_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{()} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{sa} + j_{sa}^{ik} - j_{sa} (l_i + n + j_{sa} - D - s - 1) l_i - l + 1)} \sum_{(j_{sa} = l_{sa} + n - D)}^{()} \sum_{j_i = l_i + n - D}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\begin{aligned}
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{j^{sa}+j_{sa}-l_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_i=j^{sa}+s-j_{sa})} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n - l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$l_s \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s-j_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_s-2)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+l-1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+n+j_{sa}-D-s-1)} \sum_{(j^{sa}=j_{sa}+1)}^{(l_i-l+1)} \sum_{j_i=l_i+n-D}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B} \mathcal{S}_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s - l)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s - l)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s - l)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(j_s - l)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_s + j_{sa} - l)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_s+j_{sa}^{ik}-l}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - l_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} - l_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s - l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-l)}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=2}}^{(j_{ik}-j_{sa}^{ik})} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}} \sum_{(j^{sa}=l_s+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l + s - n - l_i - 1 \leq l \leq i - 1 \wedge$$

$$j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{sa}^{ik} - j_{sa} - 1 > l_s \wedge l_{sa} \wedge j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \wedge D - j_s + s - n - 1 \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz \sum_{i_{ik}, j^{sa}, j_i}^{DST, B} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (k - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} - k - j_{sa}}^{s + j_{sa} - l} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

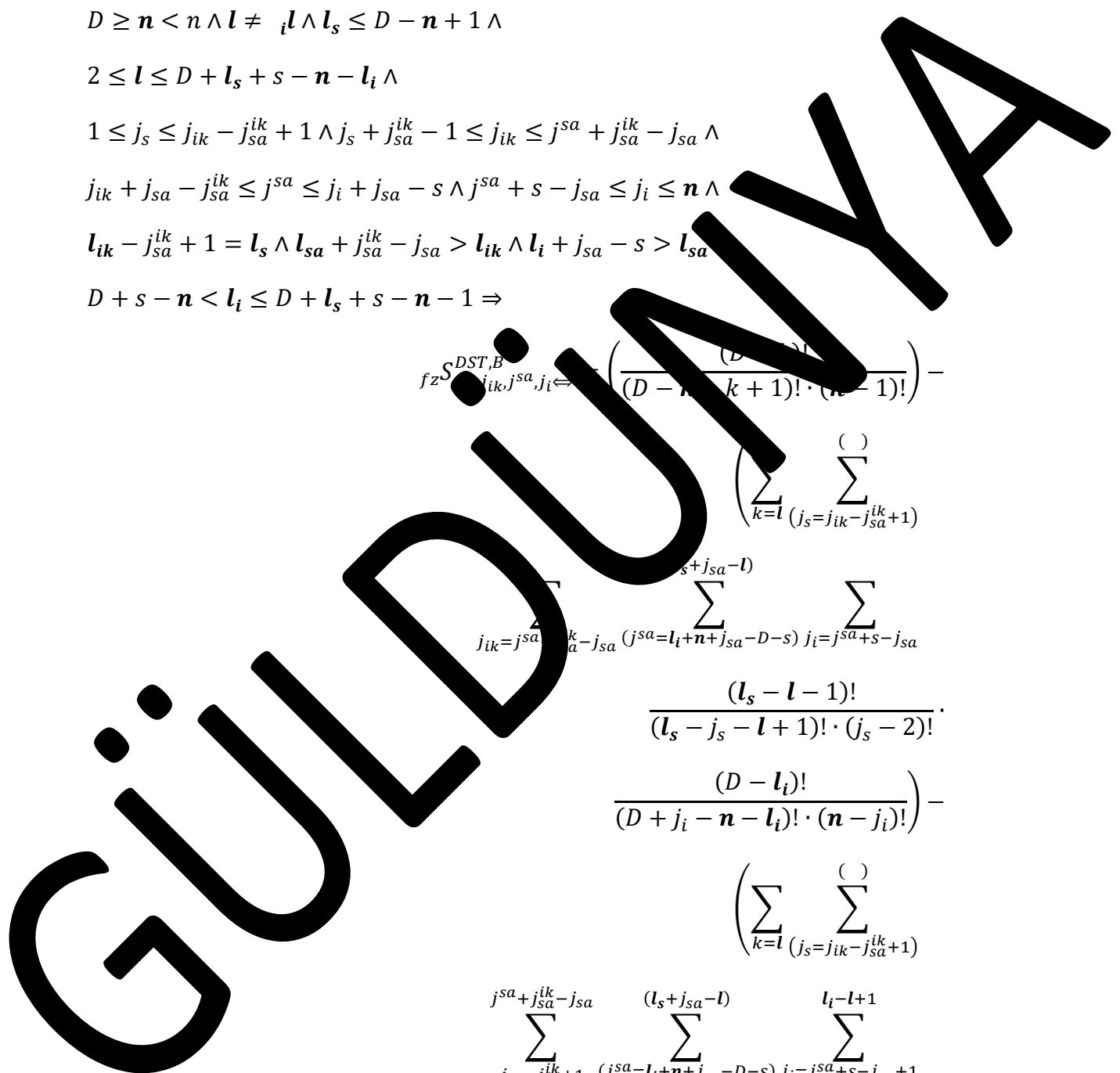
$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_s + j_{sa} - l)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\begin{aligned}
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(a-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot
 \end{aligned}$$

GÜLDENWA

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{\binom{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}}{\sum_{k=l}^{\binom{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{\binom{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}} \sum_{(j^{sa} = l_i + j_{sa} - D - s)}^{\binom{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}} \sum_{j_i = j^{sa} + s - j_{sa}}^{\binom{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{\binom{(j_{ik} - j_{sa}^{ik} + 1)}{(j_s = 2)}} \sum_{(j_s = 2)}^{\binom{(j_{ik} - j_{sa}^{ik} + 1)}{(j_s = 2)}} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{\binom{(l_s + j_{sa} - l)}{(j^{sa} = l_i + n + j_{sa} - D - s)}} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{\binom{l_i - l + 1}{(j^{sa} = l_i + n + j_{sa} - D - s)}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \right)$$

GÜLDÜMNYA

$$\begin{aligned}
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_i + n + j_{sa} - D - s - 1)} \sum_{j_i = l_i + n - D}^{l_i - l + 1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s - l + 1)} \sum_{(j^{sa} = l_s + j_{sa} - l + 1)}^{(l_s - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)}^{(l_s + j_{sa} - l)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(j_{ik} - j_{sa}^{ik})} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

GÜLDENYA

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=j^{sa}-l)}^{(j_{ik}-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right)$$

GÜLDÜZMAYA

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{(j^{sa}=l_s + j_{sa} - l + 1)} \sum_{j_i=j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_s + j_{sa} - D)} \sum_{j_{ik}=j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - D)} \sum_{(j^{sa}=l_s + j_{sa} - D - s)} \sum_{j_i=j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l_i < n \wedge l_i \neq i, l_i \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l_i \leq i - 1 \wedge$$

$$1 \leq j_{ik} - j_{sa} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - 1 \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$i - 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i+l_{sa}-l_i)! \cdot (n-l_i)!}$$

$$(D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge 2 \leq l \leq D + l_s + s - n - l_i \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > j_{sa} \wedge D + s - n < l_i \leq D + l_s + s - n - 1) \vee (D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge 2 \leq l \leq D + l_s + s - n - l_i \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_i - s + 1 \leq l_s \wedge D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_i + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=2)} \sum_{j_{ik}=l_{ik}+n-D} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

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$$\begin{aligned}
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{(j^{sa}=l_s + j_{sa} - l + 1)}^{l_i - l + 1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{j^{sa} - j_{sa}^{ik} - j_{sa} - 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_s + j_{sa} - l)} \sum_{(j^{sa}=l_i + n + j_{sa} - D - s)}^{j_i = j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa}=l_i + n + j_{sa} - D - s)}^{(l_s + j_{sa} - l)} \sum_{j_i = j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot
 \end{aligned}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz S_{ik, j_{sa}, j_i}^{DST, B} \left(\frac{(D - n - l_i + 1)!}{(D - n - l_i + k + 1)! \cdot (l_i - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$\sum_{(j_{ik}=l_i+1)}^{l_{sa}-j_{sa}^{ik}-l-j_{sa}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(\cdot)}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

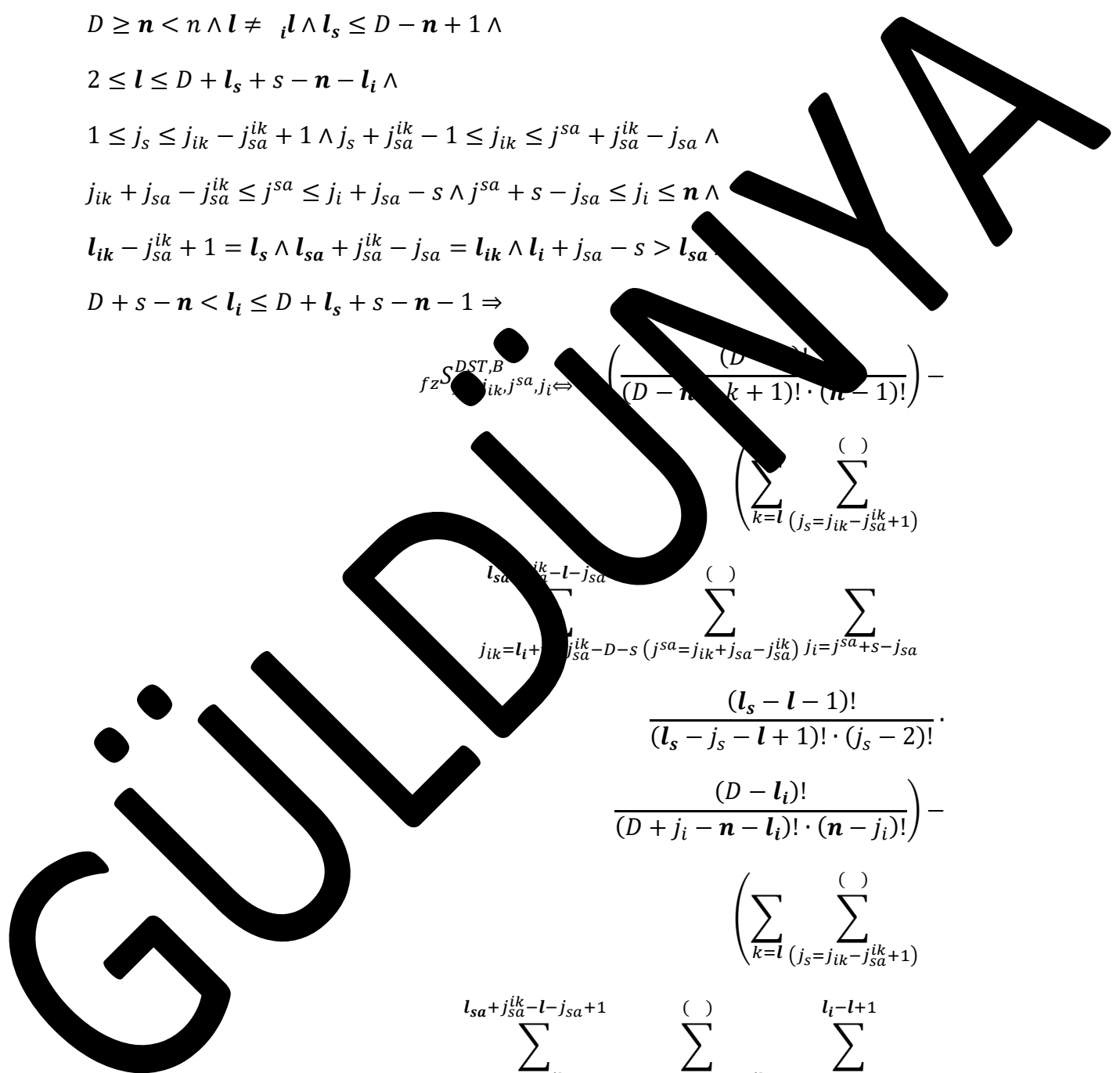
$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$\sum_{(j_{ik}=l_i+n+j_{sa}^{ik}-D-s)}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{l_i-l+1}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$



$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-l)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} = l_i \wedge l_i + j_{sa} - s > j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$\sum_{\binom{DST,B}{j_s, j_i}} \cdot j_i \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s=j_{ik}+j_{sa}^{ik}-1)} \sum_{(j_i=j^{sa}+j_{sa}^{ik}-j_{sa})}^{(j_i=j^{sa}+j_{sa}^{ik}-j_{sa})} \right) \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{l_i} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s=j_{ik}+j_{sa}^{ik}-1)} \right) \cdot$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_i+n+j_{sa}^{ik}-D-s-1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}^{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa}^{ik} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_i+n+j_{sa}^{ik}-D-s-1)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}^{ik}-s)!} \sum_{j_i=j_{sa}^{ik}+s-j_{sa}}^{l_i-l+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_i+n+j_{sa}^{ik}-D-s-1)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_i+n+j_{sa}^{ik}-D-s-1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + s - n - l_i - 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{ik} - j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i - l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(l_i+n+j_{sa}^{ik}-D-s-1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz \sum_{j_{ik}, j^{sa}, j_i}^{DST, B} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (k - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_i + 1}^{l_{ik} - l + 1} \sum_{j_{sa}^{ik} = D - s}^{j_{sa}^{ik} - D - s} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) \sum_{j_i = j^{sa} + s - j_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_{ik} - l + 1} \sum_{j_{sa}^{ik} = D - s}^{(l_{sa} - l + 1)} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1) \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_{sa} - j_{sa})!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=l_i}^{l_{ik}+1} \sum_{j_{sa}^{ik}=D-}^{()} \sum_{j_i=j_{sa}^{ik}+j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_i \neq l \wedge l_i \leq D - n + 1 \wedge$$

$$2 \leq l_s + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{sa}^{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s j_{ik} j^{sa} j_i}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s)} \right)$$

$$\sum_{j_i=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}} \sum_{(j_i=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_i)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_i)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

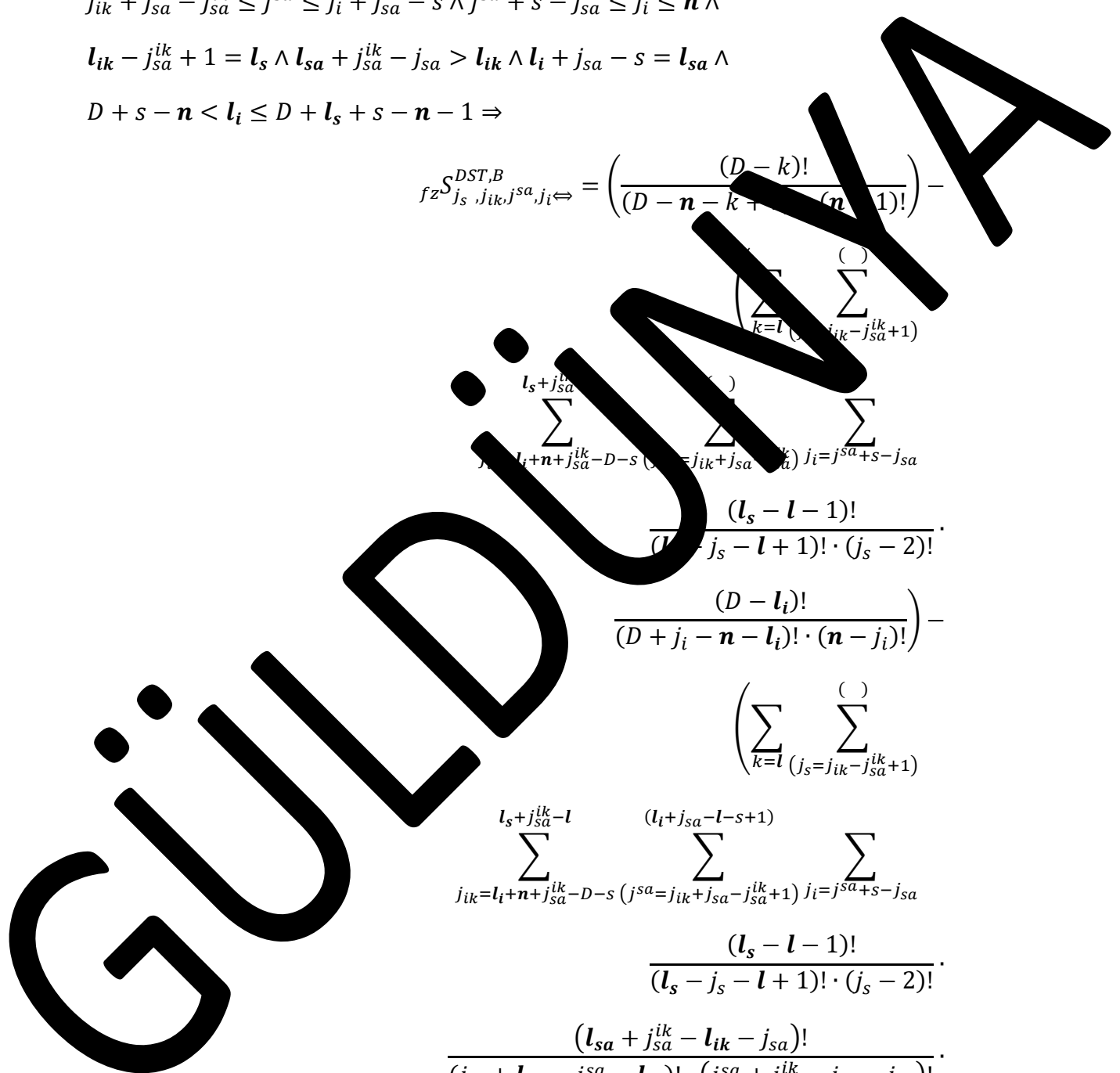
$$\left(\sum_{k=l}^{(j_s)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_i)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - l_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s - l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=l_s+n-D}}^{(j_{ik}-j_{sa}^{ik})} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \dots$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - l_i + 1 \wedge$

$D + s - n - l_i - 1 \leq l \leq l_i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} - 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i - l_s + s - n - 1 \Rightarrow$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz \sum_{i_{ik}, j^{sa}, j_i}^{DST, B} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (k - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_i + \dots}^{(\cdot)} \sum_{j_{sa}^{ik} = D - s}^{(\cdot)} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) j_i = j^{sa} + s - j_{sa}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(l_{sa} - l + 1)}^{(\cdot)} \sum_{(l_i - l + 1)}^{(\cdot)} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1) j_i = j^{sa} + s - j_{sa}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\begin{aligned}
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{l_i-l+1} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{()} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{l_s+l-1} \sum_{(j_{ik}=l_i+n+j_{sa}^{ik}-D-s)}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{l_i-l+1} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{()} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n - l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(\quad)} \sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\quad)} \sum_{(j_i=l_i+n-D)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_s + j_{sa}^{ik} - l + 1}^{(j_{sa}=j_{ik} + j_{sa}^{ik})} \sum_{j_i=j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{j_{ik} - l} \sum_{j_{ik}=l_s + j_{sa}^{ik} - l}^{(j_{sa}=j_{ik} + j_{sa}^{ik})} \sum_{j_i=j^{sa} + s - j_{sa}}^{(j_{sa}^{ik} - l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n - l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}^{ik})}^{(\quad)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D - n - l_i + 1 - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}^{ik}+1)}^{(l_s-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}^{ik}-D-s)}^{(\quad)} \sum_{(j_i=j^{sa}+s-j_{sa})}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s-j_{sa}^{ik}-l} \sum_{j_{ik}=l_s+j_{sa}^{ik}-D-s}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < l \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{\binom{D-k}{(D-n-l_i+1)! \cdot (n-j_i)!} - \left(\sum_{k=l}^{(j_s-j_{sa})} \sum_{j_{sa}^{ik}+1}^{(j_s-j_{sa})} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}) j_i=j^{sa}+s-j_{sa} \right)}{\binom{D-l_i}{(D+j_i-n-l_i)! \cdot (n-j_i)!}} \right) - \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_s=2}^{(j_s-2)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}-l+1)}{\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right)$$

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$$\begin{aligned}
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{(j^{sa}=l_{sa} + n - D)}^{l_i - l + 1} \sum_{j_i=l_i + n -} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{j_{ik} - l + 1} \sum_{j_{ik}=l_{ik} + n - D}^{(l_{sa} - l + 1)} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{l_i - l + 1} \sum_{j_i=j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_i + n + j_{sa}^{ik} - D - s}^{()} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{l_i - l + 1} \sum_{j_i=j^{sa} + s - j_{sa}}
 \end{aligned}$$

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$$\sum_{k=l}^{\binom{D-l}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{\binom{l_s+l_{sa}-l}{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}} \sum_{(j^{sa}=j_{ik}+j_{sa}^{ik})}^{\binom{l_i-1}{j_i=j^{sa}+s-j_{sa}}} \left(\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq n - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} - j^{sa} \leq j_i - j_{sa} - s - j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{l_{sa}-l-j_{sa}+2}{j_s=l_i+n-D-s+1}} \sum_{j_s=l_i+n-D-s+1}^{\binom{l_{sa}-l-j_{sa}+2}{j_s=l_i+n-D-s+1}} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{\binom{D-l}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{(j^{sa}=j_{ik}+j_{sa}^{ik})}^{\binom{l_i-1}{j_i=j^{sa}+s-j_{sa}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{sa}-l-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_i+1)} \sum_{(j_s=2)}^{(l_i+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(n-D-s)} \sum_{(j_s=2)}^{(l_i+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{(l_i-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l_s \leq n \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l_i \leq l_i - 1 \wedge$$

$$l_i - j_{sa}^{ik} + 1 \leq j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s=2)}^{(l_s - l - j_s + 2)}$$

$$\sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i=l_i + n - D}^{(l_i - l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - j_s - s)!}{(j^{sa} + l_i - j_s - l_{sa})! \cdot (j_i - j_{sa} - j_s - s)!} \cdot$$

$$\frac{(D - k)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_i \wedge l_{sa} + j_{sa}^{ik} - j_s = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n - l_i \leq D - l_s + s - n - 1$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=l_i + n - D - s + 1)}^{(l_s - l - j_s + 2)} \right)$$

$$\sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l-j_{sa}^{ik}+2)} (j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}) \sum_{j_i=j_{sa}+s-j_s}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! (j_s-2)!} \frac{(l_i+j_{sa}-l-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-l-s)!} \frac{(l_i-l)!}{(l_i-j_i-n+1)! \cdot (n-j_i)!} \sum_{k=l}^{(l_i+n-s)} \sum_{(j_s=2)}^{(l_i+n-s)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+n-s)} (j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}) \sum_{j_i=l_i+n-D}^{(l_i+n-s)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l_i \leq l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_i + s - n - l_i - 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} - 1 \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i + s - 1 < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{ik}-l-j_{sa}^{ik}+2)} (j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}) \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - j_{sa} > l_{ik}$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz_{j_s, j_{sa}, j_{sa}^{ik}, j_i}^{DS, R} = \left(\frac{(l_s - k)!}{(D + j_s - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(j_s=j_{sa}+s-j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$

$l_i - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i \leq l_s + j_{sa}^{ik} - 1 \Rightarrow$

$fz S_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j_{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{i, j_{sa}^{ik}, j_i}^{DST, B} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (l_i - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_i = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-j_{sa}^{ik}+1)}^{(l_i-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i-l+1)} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n - l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D - n - l_s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(l_{sa} - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_i - l + 1)} \sum_{(j^{sa}=l_{sa} + n - D)}^{(l_i - l + 1)} \sum_{j_i=l_i + 1}^{(l_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (l_{sa} + j_{sa}^{ik} - j_{ik} - l_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_{sa} - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - k)!}{(D + j_s - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_{ik} - j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(l_i - l + 1)} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_i - l + 1)} \sum_{j_i=j^{sa} + s - j_{sa}}^{(l_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j_s + s - j_{sa} + 1}^{l_i - l + 1} \frac{(l - l - 1)!}{(l_s - j_s - l - 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_i + n - D - s)} \sum_{(j_s = 2)}^{()} \sum_{j_s = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j_i = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = l_i + n - D}^{l_i - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$D \geq n \wedge n \wedge l \neq i \wedge l \wedge l \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - 1 + s - n - l_i \wedge$$

$$1 \leq j_s + j_{sa}^{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - l \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_i+l_s-l-s)} \sum_{(j_s=2)}^{(l_i+l_s-l-s)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+l_s-l-s)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+l_s-l-s)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_i+l_s-l-s)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_s - k + 1}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j_{ik} - j_s - j_{sa}^{ik} + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

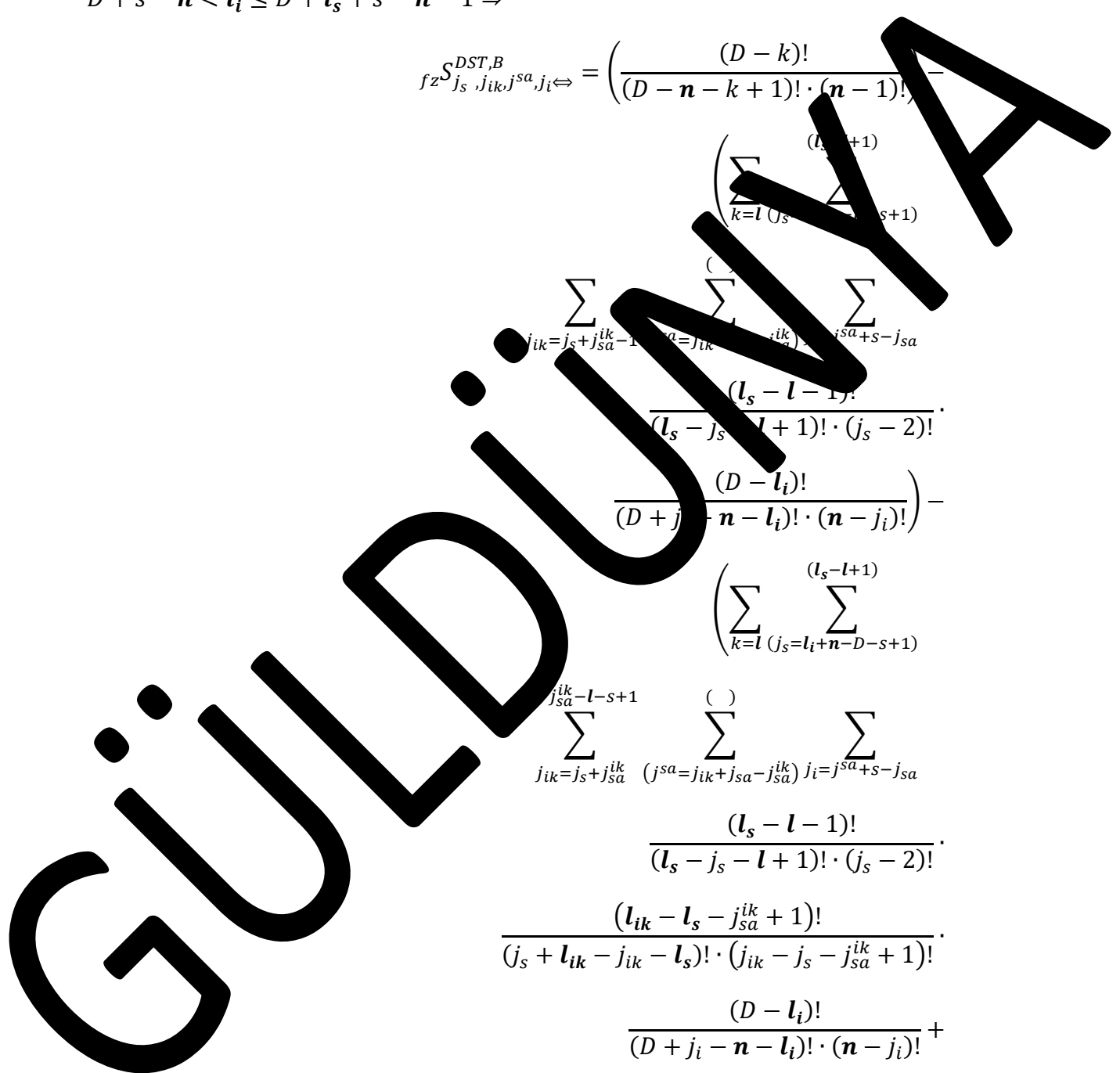
$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}}^{j_{sa}^{ik} - l - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i + n - D - s)} \sum_{(j_s = 2)}^{l_i + j_{sa}^{ik} - l - s + 1} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - j_{sa} = l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz_{j_s, j_{sa}, j_{sa}^{ik}, j_i}^{S, B} = \frac{(n - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_i + j_{sa}^{ik} - l - s + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j_{sa} = j_{ik} - j_{sa}^{ik})}^{(l_s - l + 1)} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} - 1}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(l_i - l + 1)} \sum_{j_i = j_{sa}^{ik} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i + n - D - s)} \sum_{(j_s = 2)}^{(l_{sa} - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = l_{sa} + n - D)}^{(l_i - l + 1)} \sum_{j_i = l_i + n - D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{s-1}-j_{sa}+1}^{(l_s-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} - l)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s - j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + j_{sa} \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{s-1}-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - D - s)} \sum_{(j_s = 2)}^{l_s - l + 1} \sum_{(j_{ik} = l_{ik} + n - D)}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{i_{ik}, j_{sa}^{ik}, j_i}^{DST, b} = \left(\frac{(l_s - l)!}{(D - l_i - k + 1)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\begin{aligned}
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s + j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_i+l-1)} \sum_{(j_{ik}=l_{ik}+n-D)}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(l_s - l + 1)} \sum_{(j^{sa} + s - j_{sa})}^{(l_s - l + 1)} \frac{(l - l - 1)!}{(l_s - j_s - l - 1)! \cdot (n - 2)!} \cdot \frac{(l - l_i)!}{(D + j_i - n - l - 1)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = 2)}^{(l_s - l + 1)} \sum_{j_{ik} = l_{ik} + n - D - s + 1}^{(l_s - l + 1)} \sum_{(j^{sa} = l_i + n - D - s)}^{(l_s - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(D + j_i - n - l - 1)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right) \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l \neq l_i) \wedge l \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

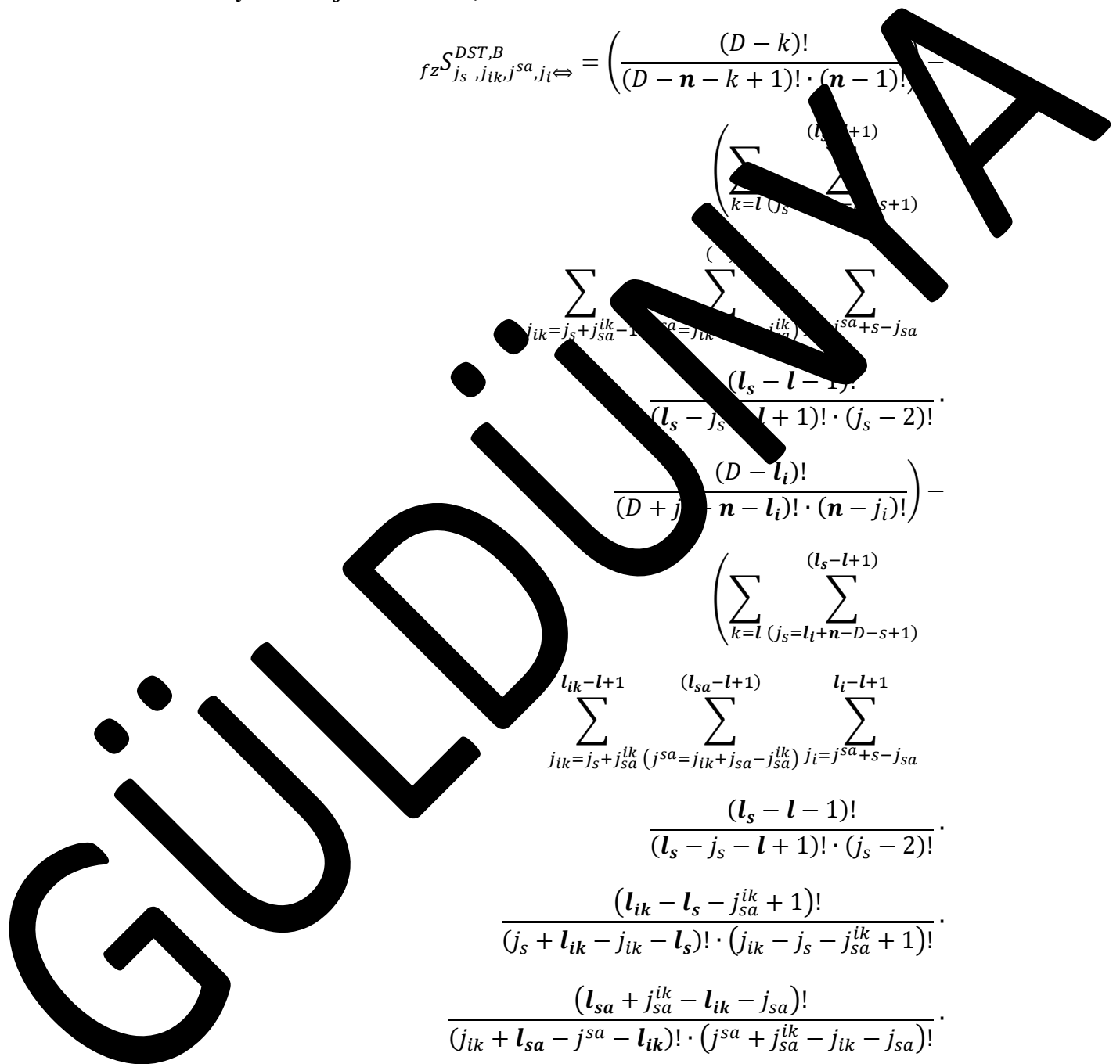
$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = k}^{(j_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j_{ik} - j_s - j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{(j^{sa} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}^{(j_i - j^{sa} - s + j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_i + n - D - s + 1}^{(j_s - l_i - n + D + s - 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$



$$\begin{aligned}
 & \sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{sa}-j_{sa}^{ik}+1)}^{l_i-l+1} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

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$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \frac{(l_{ik}+s-j_{sa}^{ik})!}{(l_{sa}+n+s-D-j_{sa})!} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \frac{(l_{ik}+s-l-j_{sa}^{ik})!}{(j^{sa}=j_i+j_{sa}-s) \cdot (j_i=l_{sa}+n+s-D-j_{sa})} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

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$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{l_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} - j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{DS, l, l_s, l_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}-j_{sa}^{ik}+1}}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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$$\left(\sum_{k=l}^{j_s} \binom{j_s}{k} \binom{j_s - k}{j_{ik} - j_{sa}^{ik} + 1} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + j_{sa} - j_{sa}}^{j_{ik} + j_{sa} - j_{sa}^{ik}} \binom{j_s}{j_{ik} + j_{sa} - j_{sa}^{ik}} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_s + s - l} \binom{l_s + s - l}{j_i} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{j_s} \binom{j_s}{k} \binom{j_s - k}{j_{ik} - j_{sa}^{ik} + 1} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{j_{sa}^{ik} - j_{sa} - 1} \binom{j_s}{j_{ik} - j_{sa}^{ik} + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)} \binom{l_s + s - l}{j_i = l_{sa} + n + s - D - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{j_s} \binom{j_s}{k} \binom{l_s + j_{sa}^{ik} - l}{j_{ik} = j_{sa}^{ik} + 1} \sum_{(j^{sa} = j_i + j_{sa} - s)} \binom{l_{sa} + s - l - j_{sa} + 1}{j_i = l_s + s - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} > l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$$

$$fz_{j_s, j_{sa}, j_{sa}^{ik}, j_i}^{S, B} = \frac{(l_s - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}$$

$$\sum_{j_{ik} = j_{sa}^{ik} + 1}^{j_{sa}^{ik} - l} \sum_{(j^{sa} = j_i + j_{sa} - s)}^{(\cdot)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{sa} + s - l - j_{sa} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\substack{j_{sa}=j_i+l_s-s \\ j_i=l_{sa}+j_{sa}-j_{sa}}} \sum_{\substack{j_s=l_s-l \\ j_i=l_{sa}+j_{sa}-j_{sa}}} \frac{(l_s - l - 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\substack{j_{sa}=j_i+j_{sa}-s \\ j_i=l_{sa}+n+s-D-j_{sa}}} \sum_{\substack{j_s=l_s+s-l \\ j_i=l_{sa}+n+s-D-j_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

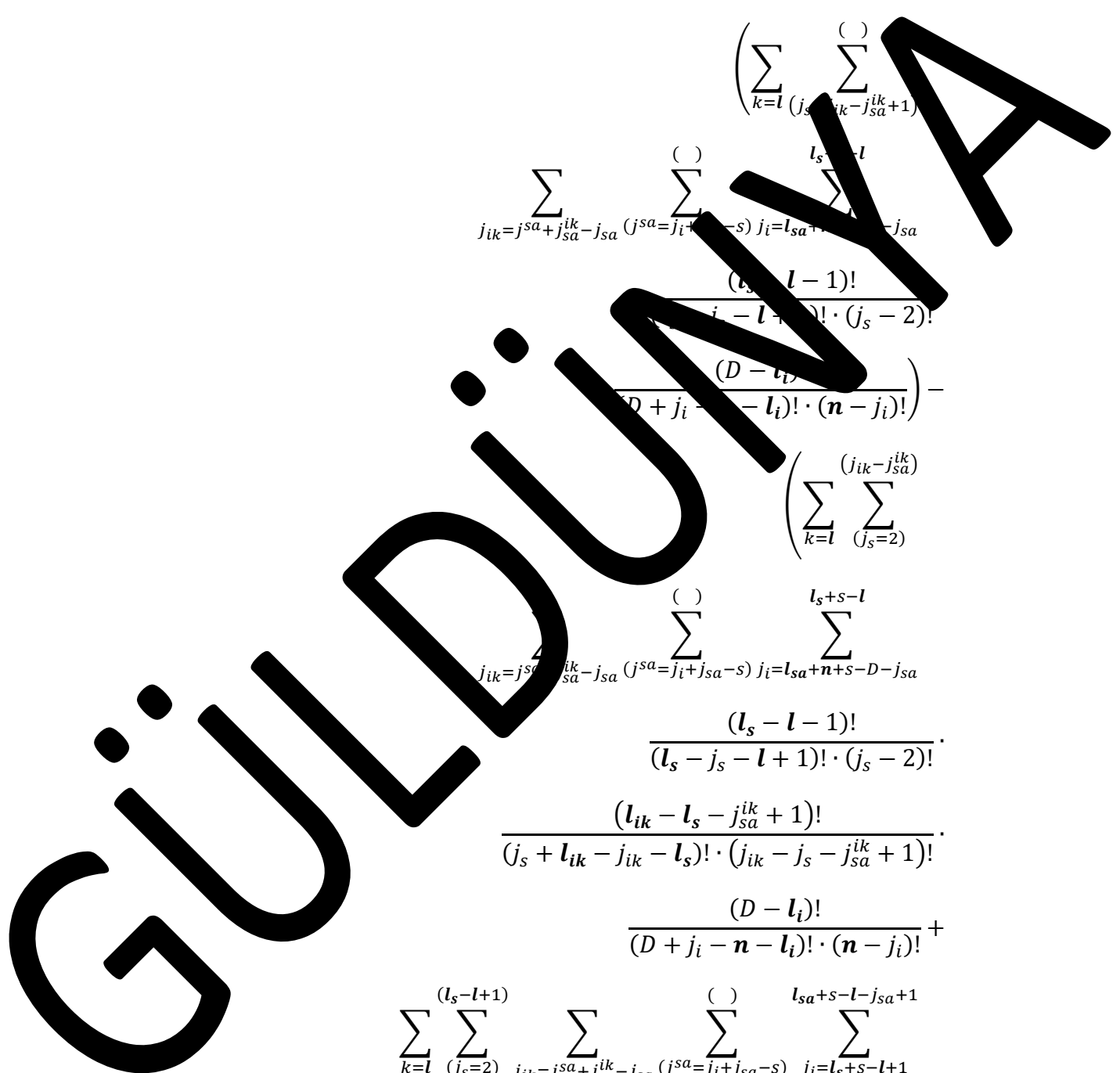
$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\substack{j_{sa}=j_i+j_{sa}-s \\ j_i=l_{sa}+n+s-D-j_{sa}}} \sum_{\substack{j_s=l_{sa}+s-l-j_{sa}+1 \\ j_i=l_{sa}+n+s-D-j_{sa}}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$j_{sa} + s - l - j_{sa} + 1$$

$$\sum_{(j_{sa} = j_s + j_{sa}^{ik} - j_{sa})} \sum_{(j_i = l_{sa} + n + s - D - j_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l < D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right) \\
 & \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \left(\sum_{k=2}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(\cdot)} \right) \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}
 \end{aligned}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{\binom{(\cdot)}{(j^{sa}=j_i + j_{sa} - s)}} \sum_{j_i=l_{sa} + n + s - D - j_{sa}}^{l_s + s - l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} - l_i + j_{sa} - s \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s - j_{sa} - n - 1 \wedge$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{\binom{(\cdot)}{(j^{sa}=j_i + j_{sa} - s)}} \sum_{j_i=l_{sa} + n + s - D - j_{sa}}^{l_{sa} + s - l - j_{sa} + 1}$$

$$\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} =$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\left(\sum_{k=l}^{j_s} \binom{j_s - k}{k} \binom{j_s - k}{j_s - k} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}}^{j^{sa}+j_{sa}^{ik}+1} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j^{sa}+s-j_{sa})+(n-D)}$$

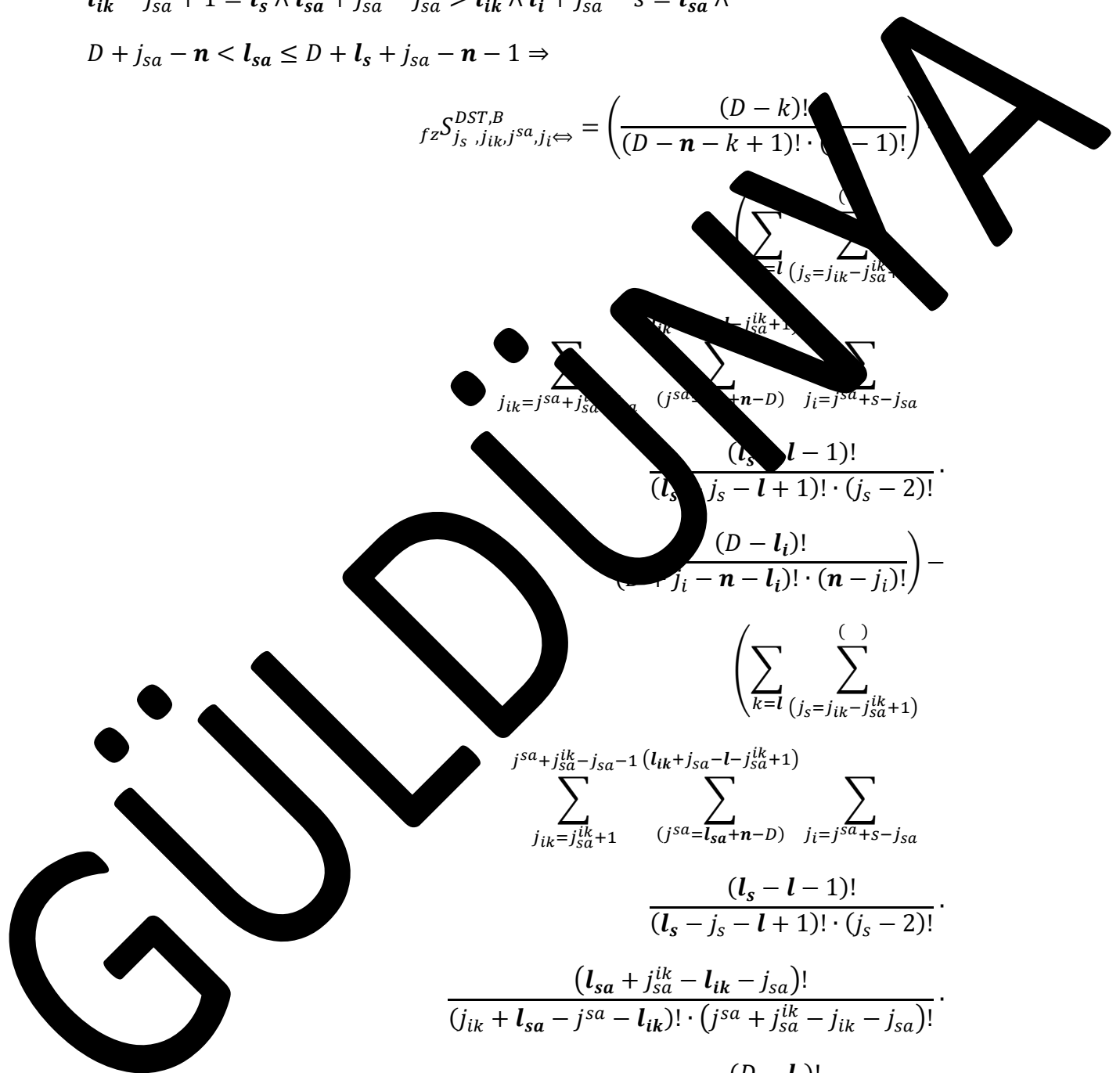
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{j_s} \binom{j_s - k}{k} \binom{j_s - k}{j_s - k} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{j_s} \binom{j_s - k}{k} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

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$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s}^{A, B} = \frac{(l_s - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{D-n-l+1}{l_s-l+1}} \sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{\binom{l_{ik}-l+1}{j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\binom{l_{sa}-l+1}{j^{sa}=l_{sa}+n-D}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - j_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_{sa}+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

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$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l} \binom{()}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_s}^{l_s+j_{sa}^{ik}-l} \sum_{j_{sa}^{ik}=j_{sa}}^{(l_{sa}-1)} \sum_{j_i=n-D}^{j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{sa}+l_{sa}-j_{sa}-l_{ik})!} \cdot \frac{(l_{ik}-j_{sa})!}{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \binom{()}{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\left(\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{k=l}^{(l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}^{ik} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}=l_{sa} + n - D)} \sum_{j_i=j_{sa}^{ik} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{sa} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{sa} \leq j_{ik} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \sum_{j_{ik}=j_{sa}^{ik} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}=l_{sa} + n - D)} \sum_{j_i=j_{sa}^{ik} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{(j_s=2)}^{(l_s-1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

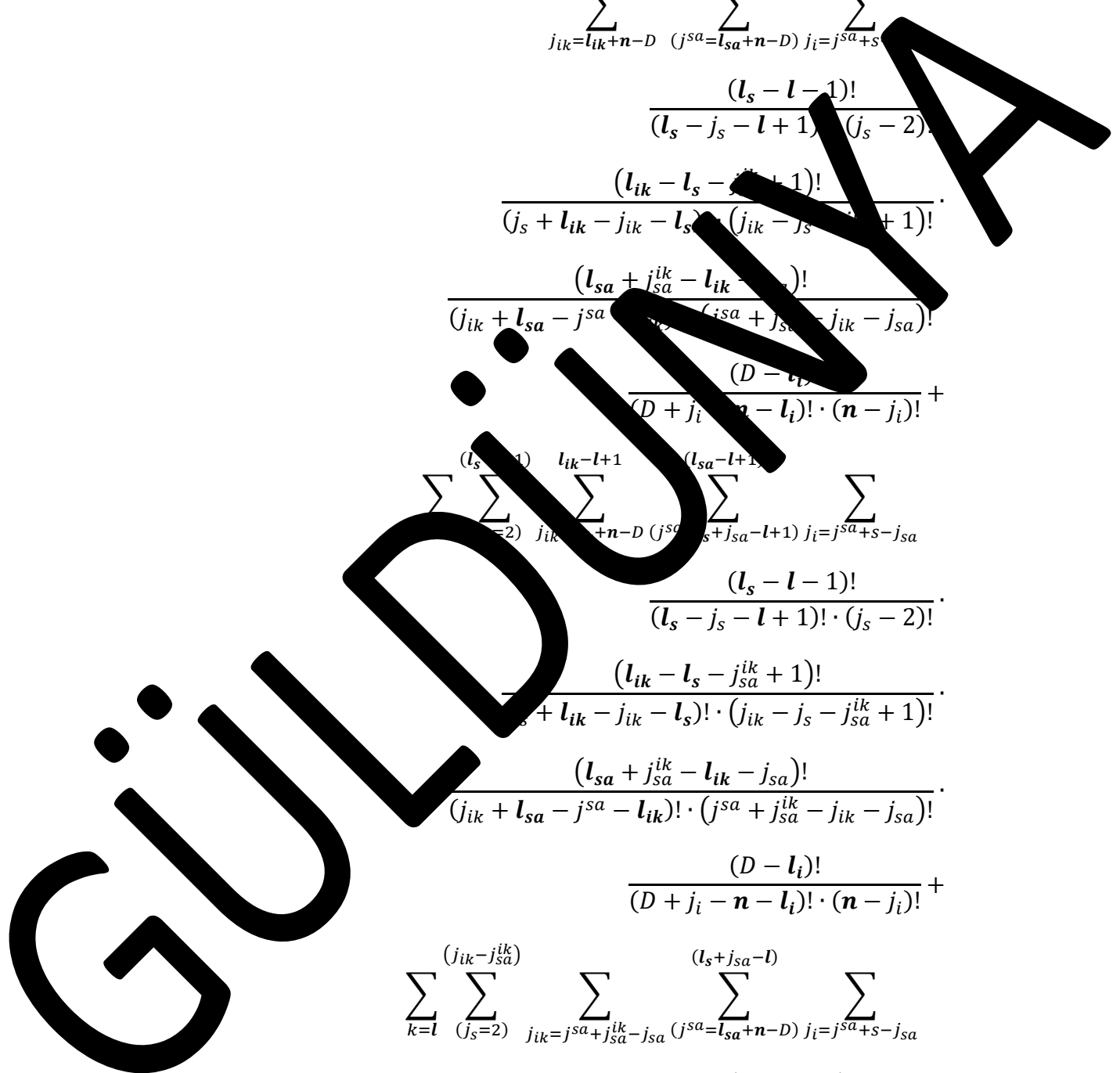
$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!}{\sum_{k=l}^{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!} \sum_{j_s = j_{ik} - j_{sa}^{ik} + 1}^{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}}^{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!} \sum_{j_i = j^{sa} + s - j_{sa}}^{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!} \sum_{j_s = j_{ik} - j_{sa}^{ik} + 1}^{\binom{D - k}{D - n - k + 1} \cdot (n - 1)!} \sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_{ik} - l + 1} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

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$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{\binom{()}{j^{sa}=l_{sa}+n-D}} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - l_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa} \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$

$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{sa}+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{(j_{sa}=l_{sa}+n)}^{(\cdot-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{sa} - j_{sa}^{ik} - 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_i - n < l_s + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - 1)} \sum_{(j_s)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)!} \cdot \frac{(l_s - l_s - j_{sa}^{ik} + 1)!}{(j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq l - n + 1 \wedge$$

$$2 \leq l \leq D + l_s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik}=l_{ik}+n-D}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_s-l+1)} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j_s)} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik})}^{(j_i)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(j_s)}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge 2 \leq l \leq D + l_s - n - l_i \wedge 1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_i + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_{sa} - 1 \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge D + j_{sa} - n - l_{sa} \leq D - l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_s)}$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_s)} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik})}^{(j_i)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(j_s)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}^{(l_{sa} - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j_{sa} = j_{ik} - j_{sa}^{ik} + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \right.$$

$$\left. \sum_{(j_s=2)}^{(l_{sa} + j_{sa} - j_{sa})} \sum_{k=j_s + j_{sa}^{ik} - 1}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = l_{sa} + n - D)} \sum_{j_i = j_{sa} + s - j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}^{(l_{sa} - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j^{sa} = l_{sa} + n - D)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(j_i = j^{sa} + s - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - 1)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i - n - l_j)!}{(D + j_i - n - l_j)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_s - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \wedge l_i - j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n \leq l_{sa} \leq D + l_s + j_{sa} - n \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa} + 1)}^{(j_s = l_{sa} + n - D - j_{sa} + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}^{(j_i = j^{sa} + s - j_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right) \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D+l_i-n-j_i)!}{(D+l_i-n-j_i)! \cdot (n-j_i)!} \\
 & \sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+l_i-n-j_i)! \cdot (n-j_i)!}
 \end{aligned}$$

$D \geq n < n \wedge l_{sa} \leq l \wedge l_s \leq D - n + 1 \wedge$
 $2 \leq j_s \leq D + l_s + s - n - l_i \wedge$
 $2 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$
 $j_{ik} + j_{sa}^{ik} - j_{sa} - 1 \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$
 $D + j_{sa}^{ik} - 1 < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$

$$f_Z S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-1)} \sum_{(j_s=k+1)}^{(D-l_s+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\left(\sum_{k=l}^{(l_{sa}+n-D-j_s)} \sum_{(j_s=2)}^{(l_{sa}+j_{sa}^{ik}-j_{sa}+1)} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+D-j_{sa}+1)}^{(l_s-l-1)} \right) \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{sa}=j_{sa}-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(j_s-l+1)! \cdot (j_s-2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right)$$

$$\sum_{k=j_s+j_{sa}^{ik}}^{(l_{ik}-l+1)} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{(l_{ik}-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}=j_{ik}+j_{sa}^{ik}-1)}^{(l_{sa}-l+1)} \sum_{j_i=j_s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_{sa} - s, j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D - j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$f_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_s + s - l)} \sum_{j_{ik}=j_{sa}^{ik} + j_{sa}^{ik} - j_{sa}}^{(j_{sa}=j_i + j_{sa} - s)} \sum_{j_i=l_{ik} + j_{sa} - s}^{(l_s + s - l)} \frac{(l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{(j_s=2)}^{(l_s - l)} \sum_{j_{ik}=j_{sa}^{ik} + j_{sa}^{ik} - j_{sa}}^{(j_{sa}=j_i + j_{sa} - s)} \sum_{j_i=l_s + s - l + 1}^{(l_{ik} + s - l - j_{sa}^{ik} + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$j_i \geq n < j_{sa} \wedge l \neq i \wedge l \leq D - n + 1 \wedge$$

$$D + l_s + s - n - 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-l_{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_s - j_{sa}^{sa} + s - j_{sa} \leq j_i \leq j_s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} + j_{sa} - l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 =$$

$$fz S_{j_s}^{l_s} \cdot j_i \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s+j_{sa}-l)}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa} \ (j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s + 1)!}$$

$$\frac{(l_s - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_{ik}+j_{sa}-l-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq n - 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa}^{ik} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-l_{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - j_{sa}^{ik} \wedge j_{sa} \leq j_i \leq j_{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa}^{ik} = l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 =$$

$$fz_{j_s, j_{ik}, j_i}^{D, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq 1 \wedge l_s \leq \dots \wedge 1$$

$$D + l_s + s - n - l_i + \dots \leq l \leq \dots \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa}^{ik} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + \dots > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + l_s + s - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j_s + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s \leq l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{ik} - n - 1 =$$

$$fz_{j_s, j_{ik}, j_i}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=l_{ik}+n}^{l_{ik}-l+1} \sum_{\binom{()}{j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - l + 1 \wedge$$

$$2 \leq l_s \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} - 1 = l_s \wedge l_{sa} \leq j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i > D + l_{sa} + s - j_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j_{sa}=j_{sa}+1}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{D, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{\binom{D-l_i}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\binom{l_{ik}-1}{j_{ik}=j_{sa}^{ik}+1}} \sum_{l_{sa}=l_i+n-D}^{\binom{l_{sa}-1}{l_{sa}=l_i+n-D}} \sum_{j_i=j^{sa}+s-j_{sa}}^{\binom{l_s-l-1}{j_i=j^{sa}+s-j_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_i - s + 1 > l_s \wedge$

$l_i > D + l_s + s - n - 1 \Rightarrow$

$fz S_{j_s, j_{sa}^{ik}, j_i}^{D, s} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l = i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s}^{()} \right) \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s}^{()} \right) \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s}^{()} \right) \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s+1}^{l_i - i + 1} \right) \frac{(l_i + j_{sa} - l_{sa} - s)!}{(l_i + j_{sa} - j_i - l_{sa})! \cdot (j_i - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s+1}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_i = D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s+1}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik})! \cdot (j_{sa} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, A} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{l=1}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_{sa}=j_{sa})} \sum_{j_i=s}$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{j_s=1}^{()} \sum_{j_{ik}=j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}=j_i + j_{sa} - s)} \sum_{j_i=s+1}^{l_i - i + 1}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa})}^{(l_{sa}-l+1) l_i} \sum_{j_i=s+1} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{sa}^{ik})!} \cdot \frac{(l_i+j_{sa}-l_s-s)!}{(j_{sa}+l_i-s)! \cdot (j_i+l_s-j_{sa}-s)!} \right) \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l = i \wedge l_i \leq D + s - n$
 $1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_s \wedge$
 $j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} - j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq n \wedge$
 $l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$

$$f_{j_s}^{S, B} \cdot j_i \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=s+1}^{l_i-l+1} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}) \vee$$

$$(D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i \leq D + s - n) \Rightarrow$$

$$f_Z(j_s, j_{sa}^{ik}, j_i) \Leftrightarrow \left(\frac{(D - k)!}{(D + s - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{j_s=1}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}^{()} \sum_{j_i=s} \right) -$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=l}^{()} \sum_{j_s=1}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}^{()} \sum_{j_i=s+1}^{()} \right) -$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} -$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=1}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{j^{sa}=j_{sa}}^{()} \sum_{j_i=s}^{()} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=l_i}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{()} \sum_{j^{sa}=j_{sa}+1}^{(l_{sa}-i-1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{()} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D > n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l_i}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{j^{sa}=j_{sa}}^{()} \sum_{j_i=s}^{()} \right)$$

$$\left(\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-i^{l+1})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_i \leq j_i \leq j^{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - j_{sa} = l_{sa} =$$

$$= \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{l_{ik}-i^{l+1}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-i^{l+1})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{l \binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik} \binom{D-l_i}{D+s-n-l_i}} \sum_{j^{sa}=j_{sa} \binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{l \binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}+1 \binom{D-l_i}{D+s-n-l_i}} \sum_{j^{sa}=j_{sa}+j_{sa}^{ik} \binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s+j_{sa}^{ik} \binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(l_{ik} - l_s + j_{sa}^{ik} + 1)!}{(l_{ik} - j_{sa}^{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - k + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i + s - n < l_i \leq D - k + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{l \binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik} \binom{D-l_i}{D+s-n-l_i}} \sum_{j^{sa}=j_{sa} \binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s} \right) -$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=l_i+n-D}^{l_i-i+1} \frac{(l_i + j_{sa} - l_{sa} - s)!}{(l_i + j_{sa} - j_i - l_{sa})! \cdot (j_i - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz_{j_s, j_{sa}, j_{sa}^{ik}, j_i}^{DS, B} = \left(\frac{(j_i - k)!}{(D + n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-i+1} \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-i+1} \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\cdot)} \sum_{j_i=l_i+n} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}}^{(l_{sa} - j_{sa} - l_i + l + 1)} \sum_{(j_i=l_i+n-D)} \sum_{j_i=l_i+n} \right)$$

$$\frac{(j_i + j_{sa} - l_i - s)!}{(j_i + j_{sa} - l_{ik})! \cdot (j_i - j_{sa})!}$$

$$\frac{(j_i + j_{sa} - l_i - s)!}{(j_i + l_i - j_i - j_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D + s - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_i + j_{sa} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_i = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\cdot)} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=1}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n-D}^{l_i-i+1} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$f_{j_s, j_{ik}, j^{sa}, j_i}^{D, l, l_s} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=1}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=1}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-i+1)} \sum_{j_i=l_i+n-D}^{l_i-i+1} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\left(\sum_{i=l}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=l_{ik}+n-l_s}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{sa}=j_i+j_{sa}-s}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=n-D}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(l_{ik} - l_s + j_{sa}^{ik} + 1)!}{(l_{ik} - j_{sa} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!}$$

$$\frac{+ j_{sa}^{ik} \cdot l_{ik} - j_{sa}!}{(j_{ik} + j_{sa} - j_{sa}^{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$(D \geq n < n - 1 \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \vee$$

$$(D \geq n < n - 1 \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1) \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{l_i=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{l_i=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{j^{sa}=l_{sa}+n-D}^{(l_{sa}-i^{l+1})-i^{l+1}} \sum_{j_i=n-D}^{i^{l+1}} \right)$$

$$\frac{(l_{ik} - l_s + j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l + 1)! \cdot (j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j_{ik} + j_{sa} - j_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{ik} + j_{sa} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} - l_i - j_i - l_s - 1)! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - l_i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - l_i \leq D + j_i + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{l_i=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-i^{l+1})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$

$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{D, s} = \left(\frac{(D - k)!}{(D - i - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\cdot)} \sum_{j_i=s} \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$

$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-i^{l-s+1})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$

$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_{ik} - j_{ik} + l_s + 1)! \cdot (j_{sa}^{ik} - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} + l_s + 1)! \cdot (j_{sa}^{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D + l_s + s - n - 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{ik} + 1 > l_s \wedge l_s + j_{sa}^{ik} - j_{sa} > l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-i^{l+1})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 =$

$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{j_s=1}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}}^{(\cdot)} \sum_{j^{sa}=j_{sa}}^{(\cdot)} \sum_{j_i=s}^{(\cdot)} \right)$

$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$

$\left(\sum_{j_s=1}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} \right)$

$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D}{i}} \sum_{(j_s=1)}^{\binom{D}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\binom{D}{j^{sa}}} \sum_{j_i} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^{\binom{D}{i}} \sum_{(j_s=1)}^{\binom{D}{j_s}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i+1} \sum_{(j^{sa}=l_i+n+j_{sa}-i-s)}^{(l_i+j_{sa}-i-s)} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_{ik}-j_{sa}+l_s+1)! \cdot (j^{sa}-j_{sa})!}{(l_{ik}-j_{sa}+l_s+1)! \cdot (j^{sa}-j_{sa})!}$$

$$\frac{(l_{sa}+j_{ik}-l_{ik}-j_{sa})!}{(j_{ik}+j_{sa}-j_{sa}-l_{ik}) \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} - j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D - l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D}{i}} \sum_{(j_s=1)}^{\binom{D}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{\binom{D}{j^{sa}}} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-i-l-j_{sa}+1} \right) \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$

$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$

$fz_{j_s, j_{ik}, j_i}^{D, j^{sa}, j_i} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right) \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-i-l-j_{sa}+1} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=j_i} \right) \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{ik} - i + 1}^{l_{ik} - i + 1} \sum_{(j^{sa}=j_i + j_{sa} - l_{ik})}^{()} \sum_{j_i=l_{sa} + n + s - D - j_{sa}}^{l_{sa} + n + s - D - j_{sa}} \right) \frac{(l_{ik} - j_{sa}^{ik} - 1)!}{(l_{ik} - j_{sa}^{ik} - l_s + 1)! \cdot (j_{sa}^{ik})!}$$

$$\frac{(l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} - j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} - j_{sa} < j_{ik} - j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{sa} + j_{sa} - j_{sa} < j^{sa} \leq j_{sa} + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s - l_{sa} + j_{sa}^{ik} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right) \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-i^{l+1})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$

$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{D, s} = \left(\frac{(D - k)!}{(D - i - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\cdot)} \sum_{j_i=s} \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$

$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$

$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}} \right)$$

$$\frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{sa}^{ik} - l_s + 1)! \cdot (n - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n - k + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_{ik} - j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{ik} + j_{sa}^{ik} - j_{sa} = l_{ik} + j_{sa} - s = l_{sa} \wedge$$

$$D - j_{sa}^{ik} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

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$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=1}^{j_s} \sum_{l=1}^{j_{ik} - k} \sum_{j_{sa}^{ik}=1}^{j_{sa} - k} \sum_{j_i=s}^{j_{sa} + s - k} \sum_{j_i=s}^{j_{sa} + s - k} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=1}^{j_s} \sum_{l=1}^{j_{ik} - k} \sum_{j_{sa}^{ik}=1}^{j_{sa} - k} \sum_{j_i=s}^{j_{sa} + s - k} \sum_{j_i=s}^{j_{sa} + s - k} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = l_i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}^{\binom{D}{j^{sa}}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right)$$

$$\left(\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{j^{sa}=j_{sa}-j_{sa}^{ik}}^{\binom{D}{j^{sa}}} \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(l_{ik}-j_{sa}^{ik}+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i \wedge j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - 1 = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge$$

$$l_i > l_s + l_{sa} + s - j_{sa} \Rightarrow$$

$$fzS_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=i}^{\binom{D}{k}} \sum_{j_s=1}^{\binom{D}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}}^{\binom{D}{j^{sa}}} \sum_{j_i=l_i+n-D}^{l_i-i^{l+1}} \frac{(l_i+j_{sa}-l_{sa}-s)!}{(l_i+j_{sa}-j_i-l_{sa})! \cdot (j_i-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - s + 1 > l_s \wedge$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - k)!} \cdot \sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-i^{l+1})} \sum_{j_i=i^{l+1}}^{j_i+n-D} \frac{(l_{ik} - l_s - j_{sa}^{ik})!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa})!} \cdot \frac{(l_{sa} - l_s - j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa} - j_{sa})!} \cdot \frac{(j^{sa} + l_i - j_i - l_s + s)!}{(j^{sa} + l_i - j_i - l_s)! \cdot (l_i - j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq i - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{(l_{sa}-i^{l+1})} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

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$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=i}^{()} \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{()} \frac{(l_{ik}-j_{sa}^{ik}-1)!}{(l_{ik}-j_{sa}^{ik}-l_s+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s)}^{()} \sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_{sa}+n+l-s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1} \frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s)}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_s+l_i-n-D-1}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s)}^{(\cdot)} \sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(\quad)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{D, l_s, l_i, l_{sa}} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(\quad)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\quad)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()}$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_s-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$

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$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DS, B} = \frac{\binom{l_s - l}{j_s - l} \binom{D - l_i}{n - j_i}}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

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$$\sum_{k=l}^{(\)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(j^{sa}+j_{sa}-D)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

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$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$\sum_{k=l}^{(\)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$(l_i + j_{sa} - l - s + 1)$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz \sum_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{(\)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{(j_{sa}-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(l_i+j_{sa}-l-s+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_s+n+j_{sa}-D-1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DS, B} = \frac{(\dots)}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{(\dots)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_s+n+j_{sa}-D-1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{(\dots)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_s+n+j_{sa}-D-1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - l_s)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_i+1}^{j_{sa}^{ik}-l_i} \sum_{j_{sa}^{ik}-D-s}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

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$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

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$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_i=l_{ik}+n-D}^{l_{ik}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

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$$f_z^{DST,B} = \sum_{j_s, j_{ik}, j^{sa}, j_i} \frac{(D - l_i)!}{(D - j_s - k + 1)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_i+l_s-j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$f_z^{DST,B} = \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

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$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$\sum_{k=l}^{(l_s - l - s + 2)} \sum_{(j_s = l_i + n - D - s + 1)}$$

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$$\sum_{j_{ik} = j_s + l_{ik} - l_s} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

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$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$(l_s - j_s - l + 1)$$

$$\sum_{j_s=l_{ik}+n-D-j_{sa}^{ik}+1}^{(l_s - j_s - l + 1)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j^{sa})} \sum_{j_{sa}=j_{ik}+l_{sa}-l_{ik}}^{(j^{sa})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

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$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s=l_s+n-D}^{(j_s)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j^{sa})} \sum_{j_{sa}=j_{ik}+l_{sa}-l_{ik}}^{(j^{sa})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

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$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{ik}=l_{ik}+n-D-j_{sa}^{ik}+1} \sum_{j_{sa}^{ik}=j_{sa}+l_{ik}-l_s}^{j_{sa}^{ik}=j_{sa}+l_{ik}-l_s} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{j_i=j_{sa}+l_i-l_{sa}}$$

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$$\sum_{k=l}^{(l_i - l - s + 2)} \sum_{(j_s = l_s + n - D)}$$

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$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_s+n-D)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Leftrightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(l_s - l + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l}^{j_s} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \right)$$

$$\sum_{j_{sa}^{ik} = j^{sa} + l_{ik} - l_{sa}}^{(j_s)} \sum_{j_i = j_i + j_{sa} - s}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_i + n - D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(j_i + j_{sa} - s - 1)} \sum_{(j_{sa} = l_{sa} + n - D)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_i + n - D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}+2}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - l_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$S_{j_{ik}, j_{sa}^{ik}}^{DST, D} \Rightarrow \frac{(D - k)!}{(D - l - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-}$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(\cdot)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(j_i+j_{sa}-s-1)} \sum_{(j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})}^{l_i-l+1} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{j_{ik}=l_i+l_s-l_{sa}}^{(l_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_s=l_i+l_s-l_{sa}}^{(l_i+l_s-l_{sa})} \sum_{j_i=l_i+n-D}^{(l_i+l_s-l_{sa})} \sum_{j^{sa}=l_i+l_s-l_{sa}}^{(l_i+l_s-l_{sa})}$$

$$\frac{(l_s - l - 1)!}{(j_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} - l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \binom{(\quad)}{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_{ik}+n-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \binom{(\quad)}{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{l+1} \sum_{j_s=j_{ik}+l_s-l_{ik}} \sum_{j_{ik}=l_{ik}+n-D}^{l+1} \binom{(\quad)}{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D - n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\frac{\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s)}^{(\quad)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{(\quad)} \sum_{j_i=n-D}^{l_i-l+1} \frac{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}{(j_{ik} - j_{sa} - j_{sa} - l)! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_{sa}^{ik} - l_{ik} - j_{sa})!}{(D - l_i)!}}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{(\quad)} \sum_{(j_{sa}=j_i+j_{sa}-s)}^{(\quad)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - l_i)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{l_s=l_{ik}}^{(D - l_i)} \sum_{l_i=l_{sa} - l_{ik}}^{(D - l_i - l_s + 1)} \sum_{j_{ik}=l_{ik}+n}^{(D - l_i - l_s + 1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(D - l_i - l_s + 1)} \sum_{j_i=l_i+n-D}^{(D - l_i - l_s + 1)}$$

$$\frac{(l_s - l - 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
& \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
& \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{()} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{()} \sum_{j_i=l_i+n}^{l_s+s-l} \\
& \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
& \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
& \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
& \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{()} \sum_{(j^{sa}=l_s+n+j_{sa}-D-1)}^{()} \sum_{j_i=l_i+n-D}^{l_s+l} \\
& \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
& \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
& \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
& \left. \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_s+j_{sa}-l)} \sum_{j_i=l_s+l+1}^{l_i-l+1} \right) \\
& \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
& \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
& \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
\end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\substack{(\binom{()}{l_s + j_{sa} - l}) \\ j_i = j^{sa} + l_{ik} - l_{sa} \quad (j^{sa} = l_i + n + j_{sa} - D) \\ j_i = l_i + n - D}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa})!}{(j^{sa} + l_{ik} - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(n - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\substack{(\binom{()}{l_s + s - l}) \\ j_i = j^{sa} + j_{sa}^{ik} - j_{sa} \quad (j^{sa} = j_i + l_{sa} - l_i) \\ j_i = l_i + n - D}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=j_i+l_{sa}-l_{ik})}^{()} \sum_{(j_i=l_i+n-D)}^{l_s+s} \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{(j_i=l_s+s-l+1)}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - l_{ik} - l_i \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - l_{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa}^{ik} - j_{sa} + s - j_{sa} \leq j_i \leq j_i \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} - j_{sa}^{ik} + j_{sa} - l_{sa} \Rightarrow$

$\sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \right)$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_s+s-l+1}^1$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1$$

$$D + l_s + s - n - l + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_s - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \right) \cdot \left(\sum_{j_s = j_{ik} + l_s - l_{ik}} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{j^{sa} = j_i + j_{sa} - s} \sum_{j_i = l_i + n - D} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l} \sum_{j_s = j_{ik} + l_s - l_{ik}} \sum_{j_{ik} = l_s + n + j_{sa}^{ik} - D - 1} \sum_{j^{sa} = l_{sa} + n - D} \sum_{j_i = l_i + n - D} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right)$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_s+j_{sa}^{ik}-l}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}} \sum_{\binom{()}{j^{sa}=l_{sa}+n-D}} \sum_{\binom{()}{j_i=l_s+s-l_i}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{\binom{()}{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}} \sum_{\binom{()}{j^{sa}=j_i+j_{sa}-s}} \sum_{\binom{()}{j_i=l_i+n-D}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge n > D - n + 1 \wedge$$

$$D - l_s + l_i - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_i - s)!}{(j^{sa} + l_i - l_{sa})! \cdot (j_i + l_i - j^{sa} - s)!} \cdot$$

$$\frac{1}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - l_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$fz_{j_i, j_{ik}, j^{sa}, j_i}^{DST} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right) \\
 & \sum_{j_{ik}=j_{sa}^{ik}+l_{ik}-l_{sa}}^{(j_i+j_{sa}-s-1)} \sum_{(j_{sa}=l_{sa}+n-D)}^{l_s+s-l} \sum_{j_i=l_i+} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_{sa}^{ik}+l_{ik}-l_{sa}}^{(l_{sa}-s)} \sum_{(j_{sa}=l_{sa}+n-D)}^{l_i-l+1} \sum_{j_i=l_i+n-D} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_{sa}^{ik}+l_{ik}-l_{sa}} \sum_{(j_{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

GÜLDÜZ

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l + 1)!}{\sum_{j_{ik}=j^{sa}+l_{ik}}^{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=l_i+n-D}^{l_i-l+1} (j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - j_{ik} - j_{sa} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right) \\
 & \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \cdot \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{()} \right) \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}^{ik}-j_{sa}-1}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}
 \end{aligned}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j_{sa}^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_i + n - D}^{l_s + s - l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{sa} \leq j_{ik} \leq j_i + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$

$fz^D_{j_s, j_{ik}, j_{sa}^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\sum_{k=l}^{(D - l + 1)} \sum_{(j_s = j_{ik} + l_s - k)} \sum_{(j^{sa} = l_i + j_{sa} - D - s)} \sum_{(j_i = j^{sa} + s - j_{sa})} \frac{(D - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{(j_i = j^{sa} + s - j_{sa} + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{(j_{ik} = j^{sa} + l_{ik} - l_{sa})} \sum_{(j^{sa} = l_{sa} + n - D)} \sum_{(j_i = l_i + n - D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} = l_{sa}$

$fz_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$

$(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)$

$\sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$

$\sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$$\sum_{k=l}^{\binom{D-l+1}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{\binom{l_i+n+j_{sa}-D-s-1}{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}} \sum_{j_i=l_i+n-j_{sa}^{ik}}^{\binom{l_i-l+1}{j_i=l_i+n-j_{sa}^{ik}}} \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - j_{sa} \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_i > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_{z^S}^{S \in B} j_i \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{\binom{D-l+1}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{\binom{l_i+n+j_{sa}-D-s-1}{j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik}}} \sum_{j_i=l_i+n-j_{sa}^{ik}}^{\binom{l_i-l+1}{j_i=l_i+n-j_{sa}^{ik}}} \frac{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}{(j^{sa}=l_{ik}+n+j_{sa}-D-s) j_i=j^{sa}+l_i-l_{sa}} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{\binom{l_{ik}+j_{sa}-l-j_{sa}^{ik}+1}{j^{sa}=l_{ik}+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i}^{(j_{ik}+j_{sa}-l-j_{sa}^{ik}+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{(j_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(j_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_i = D - n - 1 \wedge$$

$$D + j_i + s - n - l_i - 1 \leq l \leq D - n + 1 \wedge$$

$$l_s - j_{sa}^{ik} + 1 \leq j_s \leq l_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - l_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq l_i$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$DST,B_{(l_i, j^{sa}, j_i)} = \left(\frac{(D - k)!}{(D - l_i - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=l_i+n-D}}^{(l_i+n+j_{sa}^{ik}-1)} \sum_{j_i=l_i+l_s}^{l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_{ik}+n-D}^{l_i+l_s+1} \sum_{\binom{()}{j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2}}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1}$$

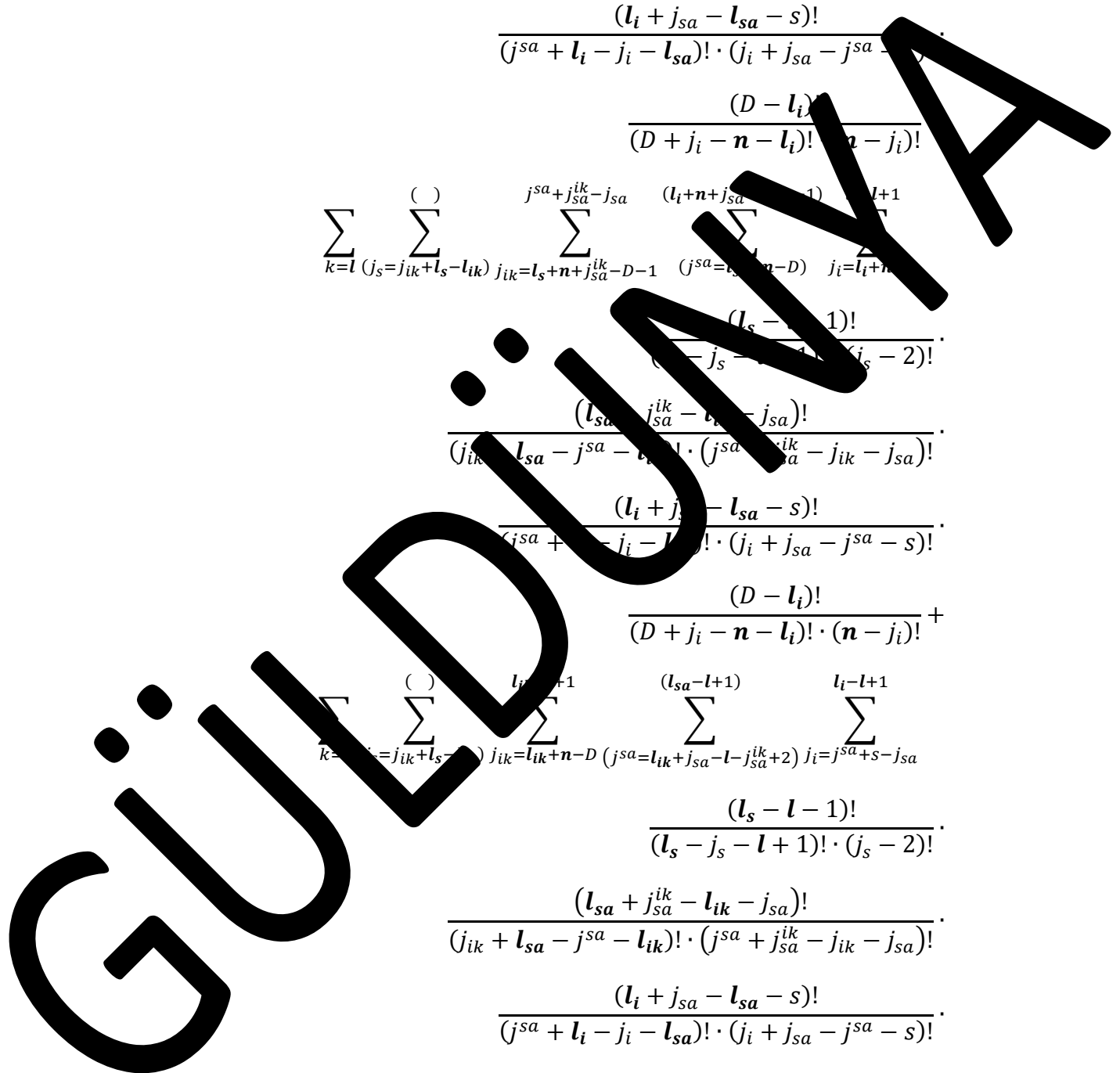
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{\binom{()}{j^{sa}=l_i+n+j_{sa}-D-s}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{s, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \right)$$

$$\sum_{j_{ik} = j^{sa} - l_{ik} - l_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \right)$$

$$\sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{()}{j^{sa}=l_s+n+j_{sa}-D-1}} \sum_{\binom{()}{j_i=l_i+n-}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_s \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s}^{S, A, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{\binom{()}{j_i=j^{sa}+l_i-l_{sa}}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+l_i}^{(j_s-2)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(j_i-n-l_i)!}{(j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=l_s+j_{sa}^{ik}-l)}^{(j_{sa}-l)} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{(j_s-2)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}-l_{sa}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n - 1 \wedge$$

$$2 \leq l_s < D + l_s + s - l_i \wedge$$

$$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge l_s + j_{sa} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + l_{sa} - j_{sa}^{ik} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + l_s > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=l_i+n+j_{sa}-D-s}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\left(\sum_{k=l}^{j_{ik}-j_{sa}^{ik}} \sum_{j_i=l_i+n-D}^{j_{ik}-j_{sa}^{ik}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=l_i+n+j_{sa}-D-s}^{(l_s+j_{sa})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{k=l}^{(l_s+l+1)} \sum_{j_s=l_s+n-D}^{(l_s+l+1)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=l_s+j_{sa}-l+1}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D > n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n)}^{(l_s - l + 1)}$$

$$\sum_{j_{ik} = j_{sa} + l_{ik} - l_{sa}}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j_{sa} = l_i + n + j_{sa} - D - s)}^{(l_s - j_s - l + 1)} \sum_{j_i = j_{sa} + l_i - l_{sa}}^{(l_s - j_s - l + 1)}$$

$$\frac{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - j_{sa}^{ik} - 1)!}{(l_s - j_{sa}^{ik} - 1)!} \cdot \frac{(l_s - j_{sa}^{ik} - 1)!}{(l_s - j_{sa}^{ik} - 1)!} \cdot \frac{(l_s - j_{sa}^{ik} - 1)!}{(l_s - j_{sa}^{ik} - 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

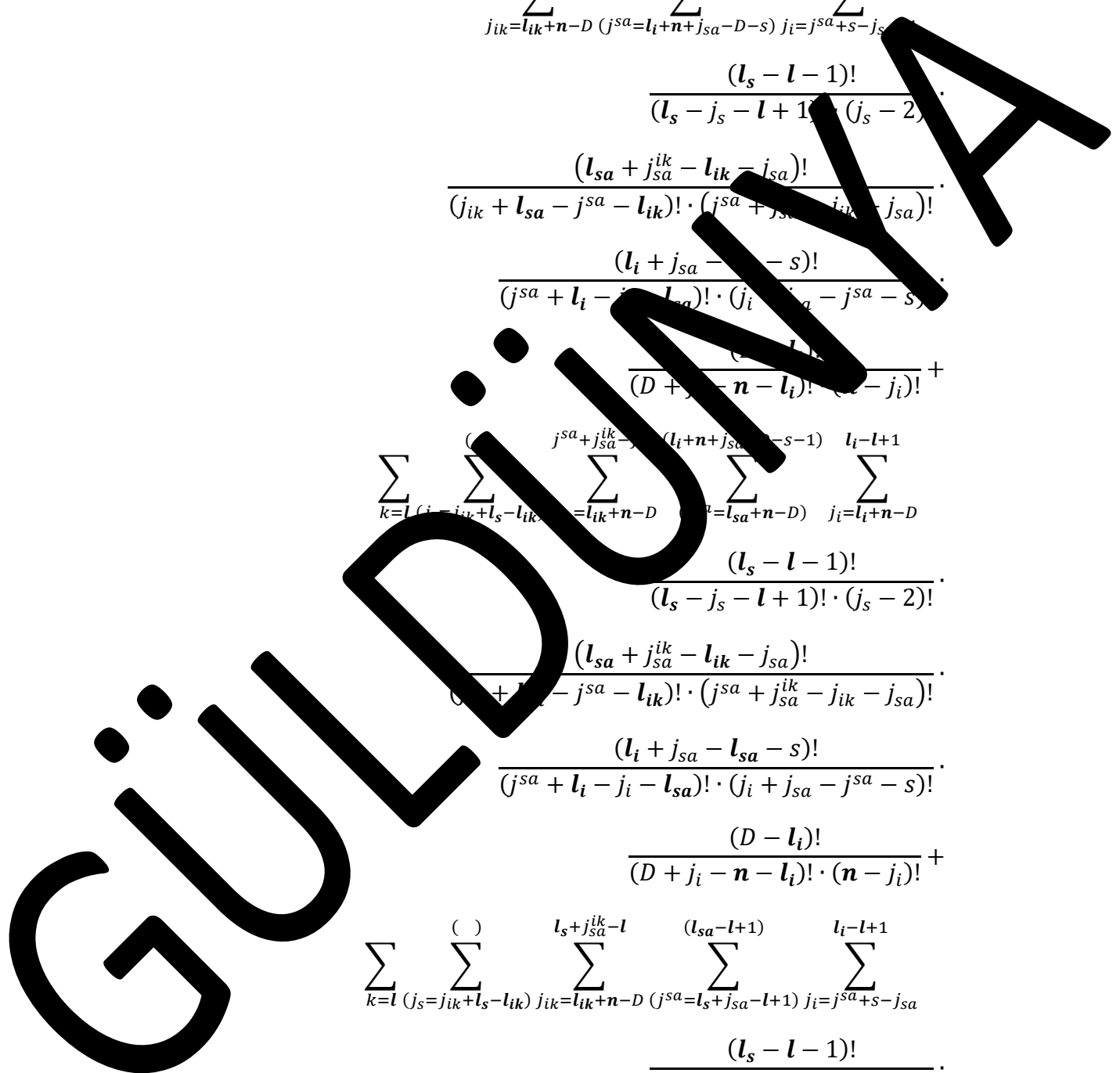
$$\left(\sum_{k=l}^{()} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{()} \right)$$

$$\sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j_{sa} = l_i + n + j_{sa} - D - s)}^{(l_s + j_{sa} - l)} \sum_{j_i = j_{sa} + s - j_{sa}}^{(l_s + j_{sa} - l)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{\binom{(l_s+j_{sa}-l)}{j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} < j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - j_{sa} - j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i - j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_i}^{S_{j_s, B}} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(l_s+j_{sa}-l)}{j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right) \\
 & \sum_{j_{ik}=j_{sa}^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}^{sa}+s-j_s}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} j_{ik} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s-1)} \sum_{(j_i=l_i+n-D)}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j_{sa}^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(l_s + j_{sa} - l)}^{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + s - j_s}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_{sa} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{ik} - j_{sa}^{ik} < j_{ik} \leq j_s + 1 + j_{sa}^{ik} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} - j_{sa} - j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa}^{ik} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_i}^{D, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{()}$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(l_s + j_{sa} - l)}^{(j^{sa} = l_i + n + j_{sa} - D - s)} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{(j_s=l_s+n-D)}^{(l_s-l)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

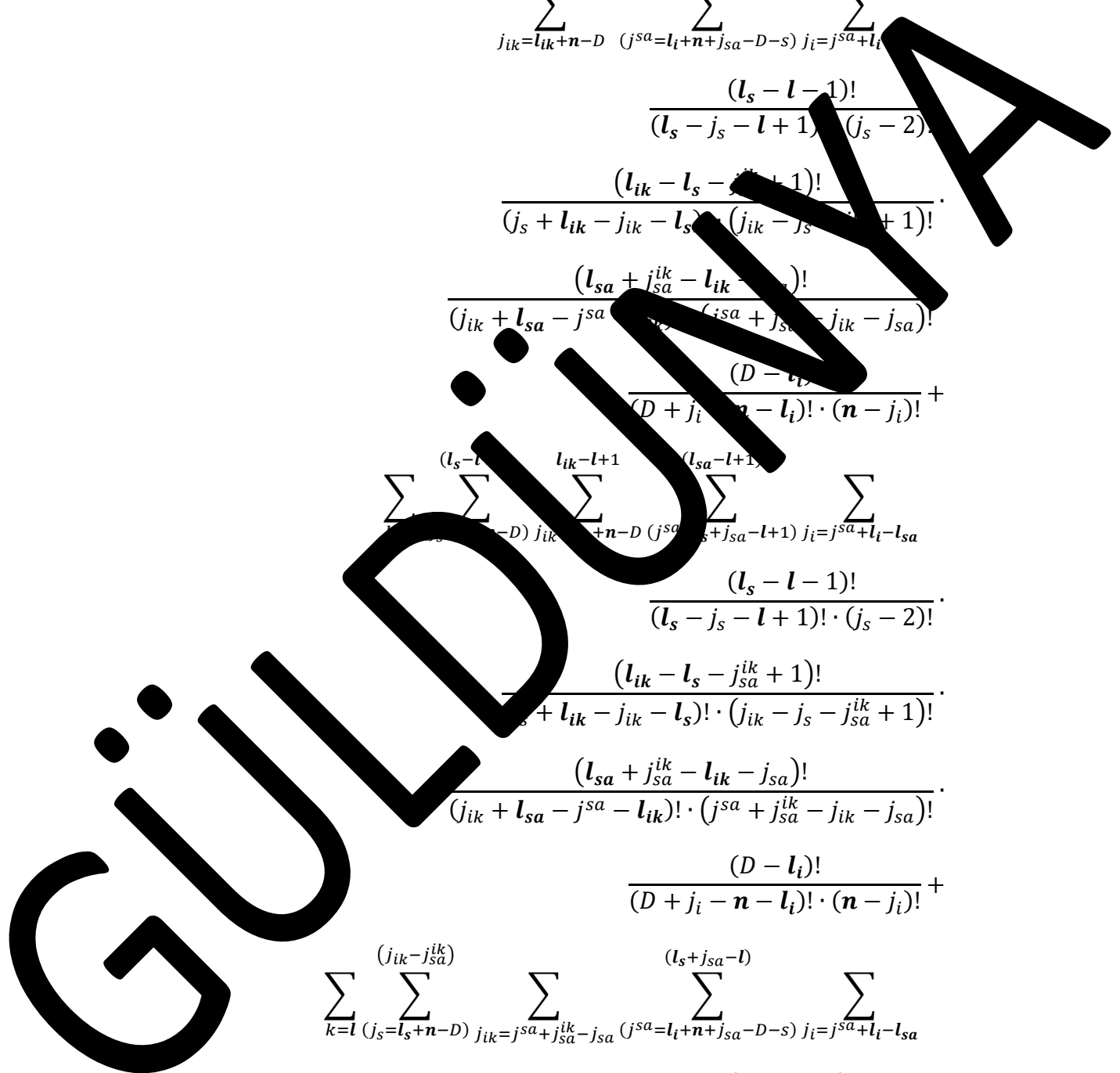
$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l + 1)!}{\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}+1} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_i+l+1)} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{(l_s-l+1)} \sum_{j_{sa}^{ik}=l_{sa}+n-D}^{(l_s-l+1)} (j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - j_{ik} - j_{sa}^{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{lk}-D-s}^{l_{sa}+j_{sa}^{lk}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{()} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{lk}-D-s}^{l_{sa}+j_{sa}^{lk}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{()} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{lk}-D-j_{sa}}^{l_i+n+j_{sa}^{lk}-D-s-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=l_i+n-D}^{l_i-l+1} \right. \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=l_i+n}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(j_{sa} + l_i - j_i - s)! \cdot (j_i - j_{sa} - j^{sa} - s)!}{(D - l_i)! \cdot (D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j_{ik}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l - 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_i+n-D}^{l_i+n+j_{sa}^{ik}-D-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq l_i \leq n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$2 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+l_i-1}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}-1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left. \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()} \right. \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\left(\sum_{k=l}^{l_{ik}-l+1} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(l_i+j_{sa}-l-s)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} - l_{sa} - j_{sa} - l_{ik} + 1)! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{l_{ik}-l+1} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(l_i+j_{sa}-l-s)} \right) \cdot$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\begin{aligned}
 & \left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i^{sa+s}-j_{sa}}^{l_i-l+1} \\
 & \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{l_i} \sum_{(j_{sa}^{ik}-D-s)}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa+s}-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot
 \end{aligned}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \left(\sum_{k=l}^{j_s} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

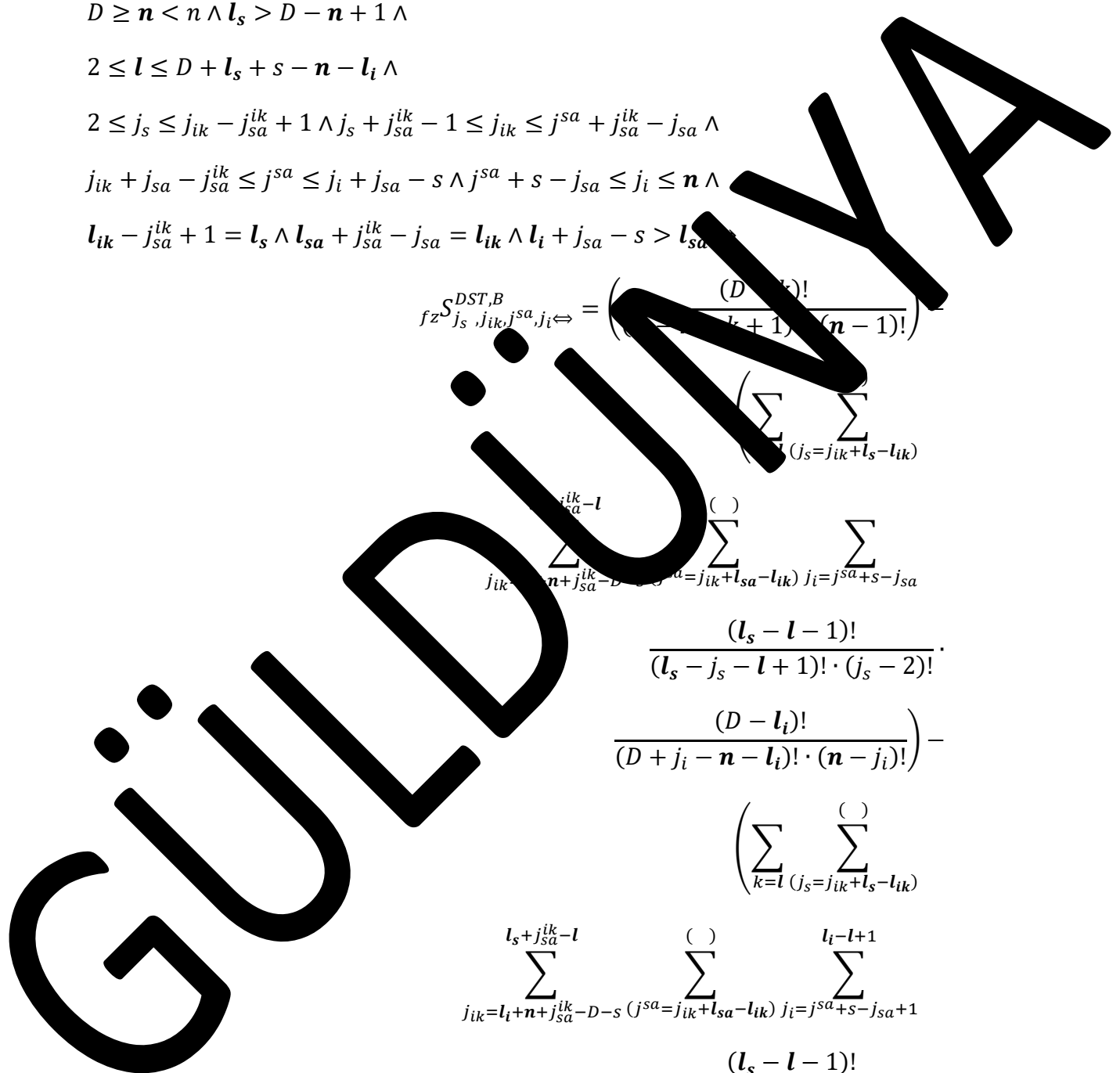
$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{j_s} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{\binom{()}{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{l_i-l+1} \sum_{j_i=l_i+n-D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - l_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq j^{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$
 $D + l_s + s - n - l_i - 1 \leq l \leq D - n - 1$
 $2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$
 $j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa}^{ik} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $j_{sa}^{ik} - j_{sa} - 1 = l_s \wedge l_{sa} \wedge j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa}^{ik} - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} = l_{sa}$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{S, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} \leq j_{ik} \leq j_s + j_{sa}^{ik} - j_s \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - j_{sa} - s \wedge j^{sa} + j_{sa} - j_s \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_s > l_{ik} \wedge l_{sa} + j_{sa}^{ik} - j_s > l_{sa} \Rightarrow$

$fz_{j_s, j_{sa}^{ik}, j_i}^{D, l_i} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right) \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+s-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-1}^{l_i+n+j_{sa}^{ik}-D-1} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j_{sa}^{ik}+s-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot
 \end{aligned}$$

GÜLDÜZMİNAR

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D - n - l_i + 1)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_i = j^{sa} + s - j_{sa}}^{j_{ik} + l_{sa} - l_{ik}} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{j^{sa} = j_{ik} + l_{sa} - l_{ik}}^{j_{ik} + l_{sa} - l_{ik}} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_s = l_s + n - D}^{j_{ik} - j_{sa}^{ik} + 1} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{j^{sa} = j_{ik} + l_{sa} - l_{ik}}^{j_{ik} + l_{sa} - l_{ik}} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

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$$\begin{aligned}
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = l_s + n - D)}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{j_{ik} = l_{ik} + n - D}^{()} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{l_i - l + 1} \sum_{j_i = l_i + n - D} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s = l_s + n - D)}^{l_{ik} - l} \sum_{(j_s + j_{sa}^{ik} - l + 1)}^{()} \sum_{(j_{ik} + l_{sa} - l_{ik})}^{l_i - l + 1} \sum_{j_i = j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = l_s + n - D)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{()} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j^{sa} + s - j_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

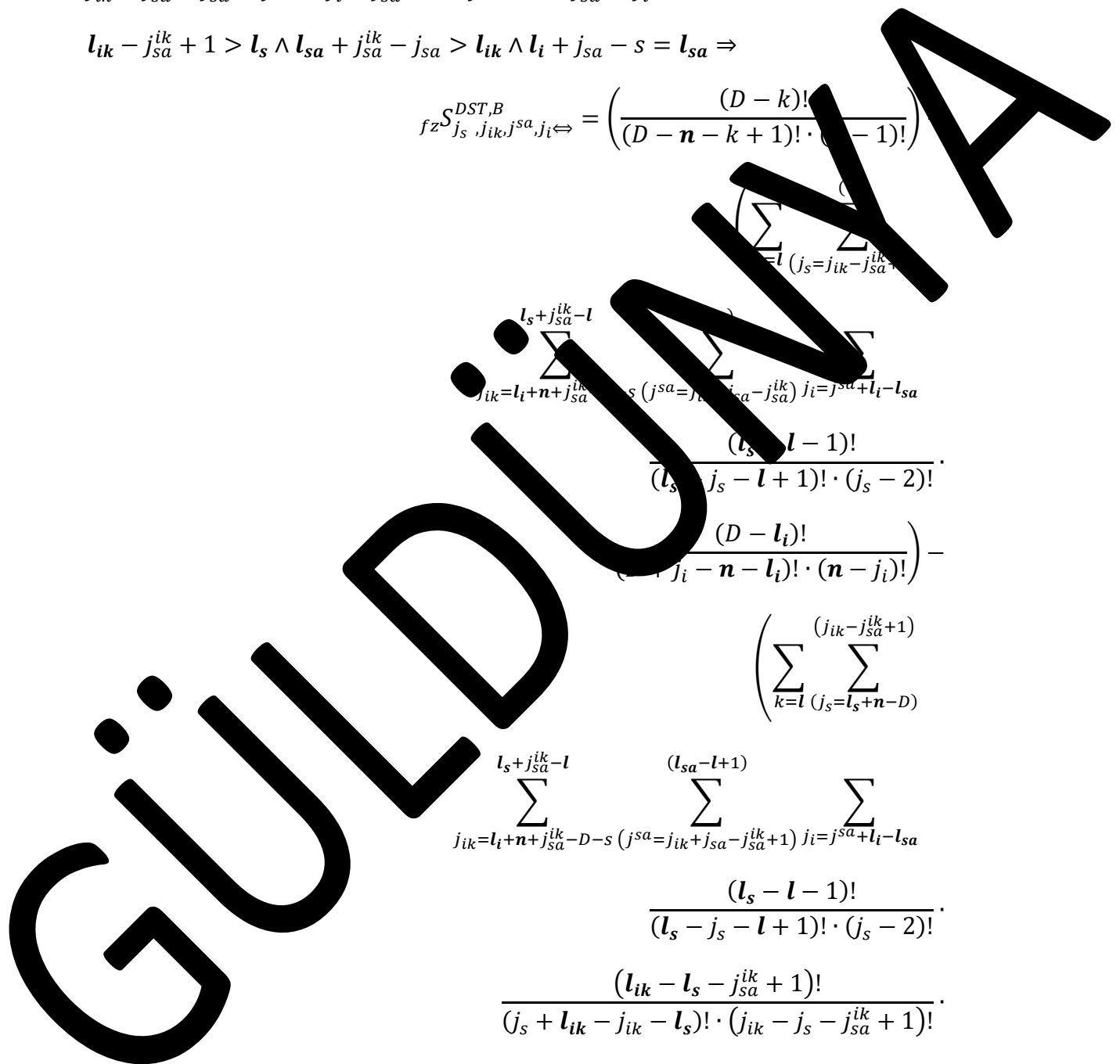
$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\sum_{l=1}^{l_s} \sum_{j_s=j_{ik}-j_{sa}^{ik}}^{j_s} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-s}^{l_s+j_{sa}^{ik}-l} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(j_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_s=l_s+n-D}^{(j_s)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\begin{aligned}
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{j_{ik}+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-1}^{(l_{ik}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa} - j_{sa} + 2)} \binom{l_{sa} - j_{sa} + 2}{k} \right)$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s=l_i+n-D-s+1)} \binom{l_{sa} - l - j_{sa} + 2}{k} \right)$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1} \binom{l_i - l + 1}{j_i}$$

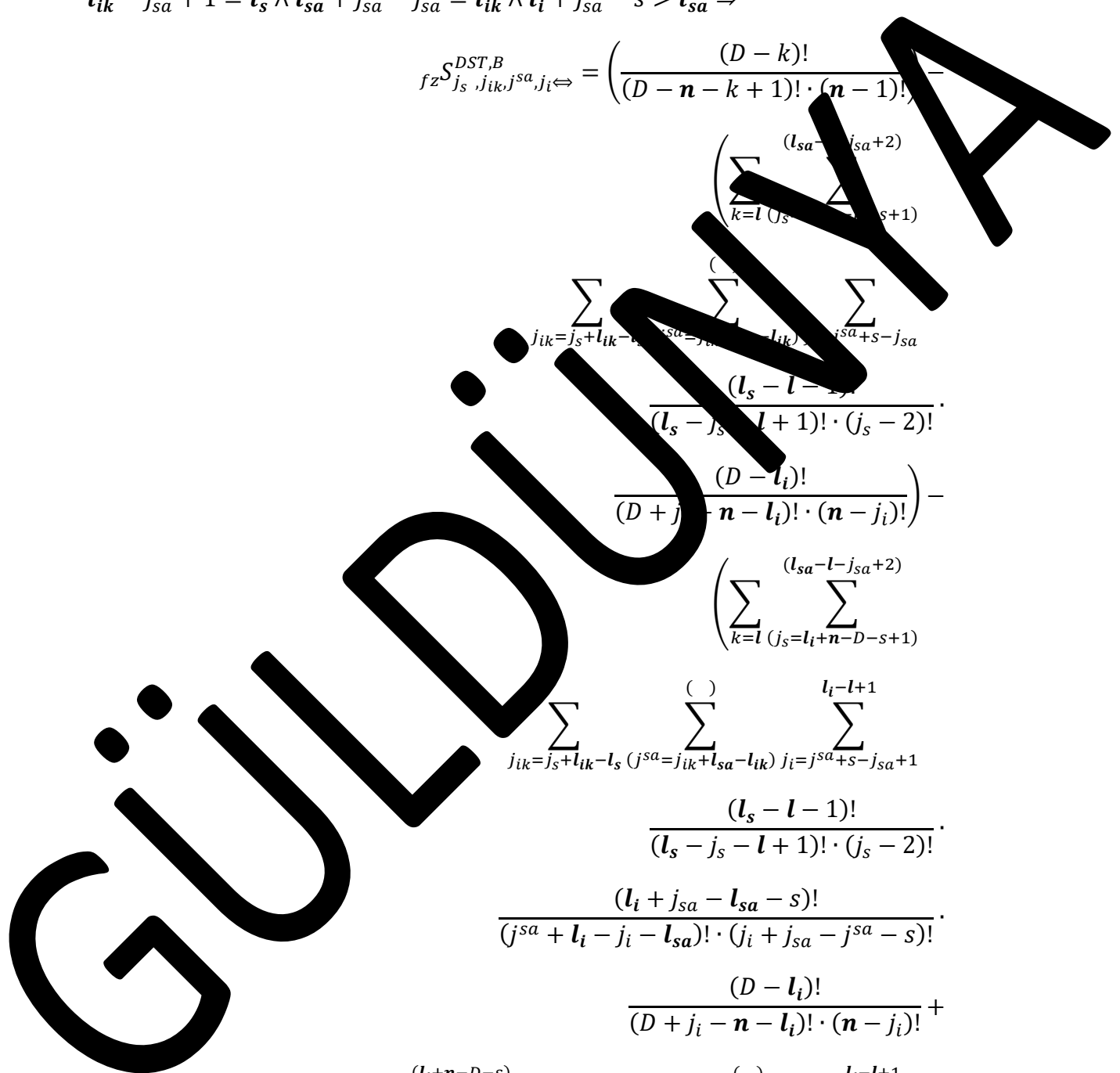
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=l_i+n-D} \binom{l_i - l + 1}{j_i}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \sum_{k=l}^{(D-n-k)!} \sum_{j_i=l_i+n-D}^{(n-1)!} \sum_{j_{sa}=j_{ik}+l_{sa}-l_{ik}}^{(l_{sa}-2)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq j_s \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^k+2)} \sum_{(j_s=l_i+n-D-s+1)} \right) \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \\
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^k+2)} \sum_{(j_s=l_i+n-D-s+1)} \right) \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_s=l_i+n-D-j_{sa}^k+1)} \sum_{(j_s=l_i+n-D-s)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{ik}+n-j_{sa}^{ik}+1)}^{(j_s+l_{ik}-l_s)} \sum_{(j_{ik}=j_s+l_{ik}-l_s)}^{(j_{ik}=j_s+l_{ik}-l_s)} \sum_{(j_i=l_i+n-j_{sa}^{ik})}^{(j_i=l_i+n-j_{sa}^{ik})} \frac{(j_s-l+1)!}{(j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(j_s+l_{ik}-l_s)!}{(j_s+l_{ik}-l_s)! \cdot (j_i-j_{sa}-j_{sa}^{ik}-s)!} \cdot \frac{(D-l_i)!}{(D+l_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(j_s=l_i+n-D-s+1)} \sum_{(j_{ik}=j_s+l_{ik}-l_s)}^{(j_{ik}=j_s+l_{ik}-l_s)} \sum_{(j_i=j^{sa}+l_i-l_{sa})}^{(j_i=j^{sa}+l_i-l_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \right)$$

$$\sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j_{sa} = j_{ik} - j_{sa}^{ik} + 1)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_s - D - s)} \sum_{(j_s = l_{ik} + D - j_{sa}^{ik} + 1)}^{(l_s - D - s)} \sum_{j_{ik} = l_{ik} - l_s}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j_{sa} = l_i + n + j_{sa} - D - s)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D - n + 1 \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$l - j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_i+j_{sa}-l-s+1)} \frac{(l-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{1}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

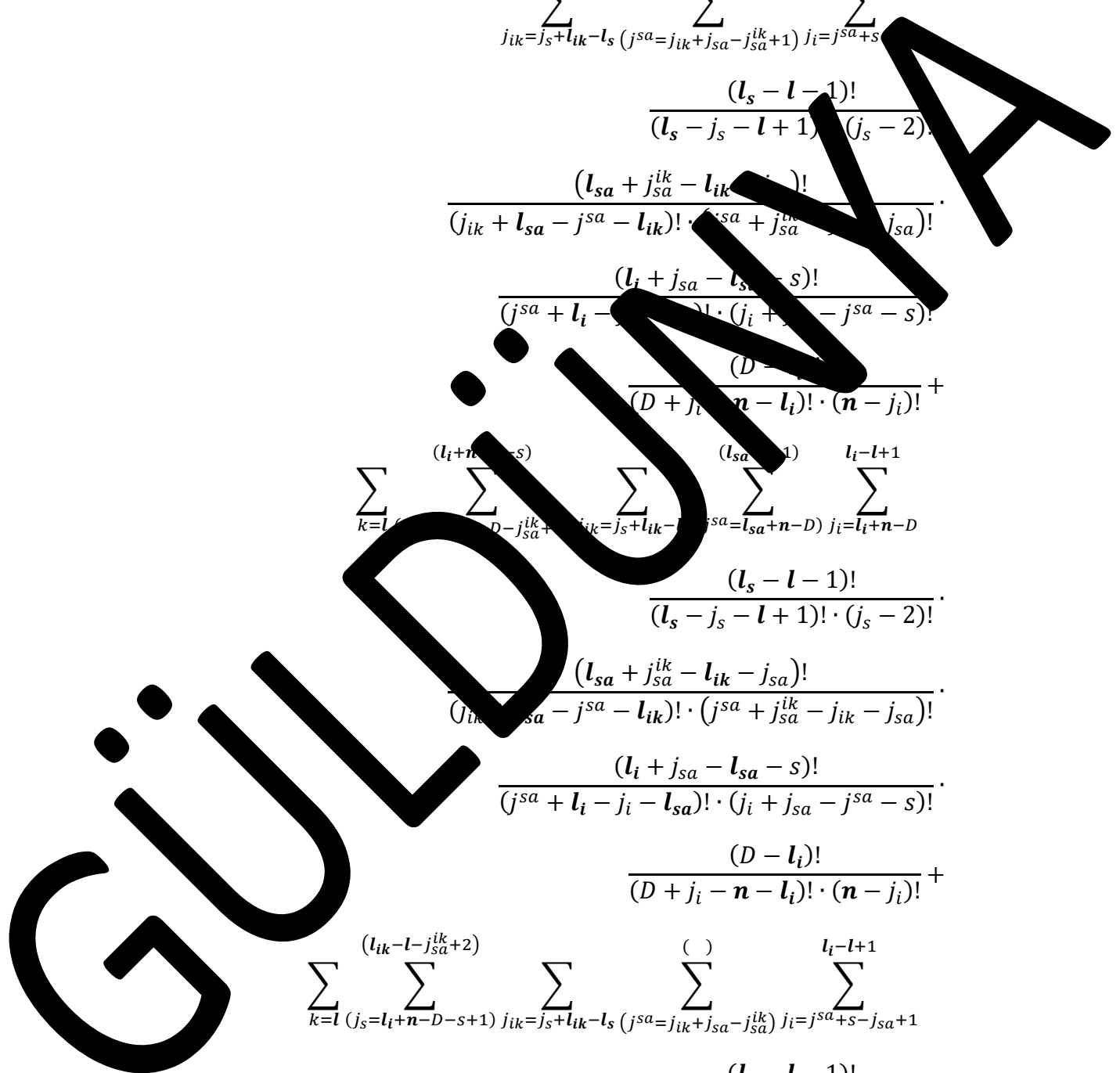
$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_s \leq j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_i+j_{sa}-l-s+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \right) \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{l_i-l+1} \sum_{j_i=j^{sa}+s} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_i+n-l-s)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{sa}-l)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l)} \sum_{j^{sa}=l_{sa}+n-D}^{l_i-l+1} \sum_{j_i=l_i+n-D} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_i+n-D-s+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!}
 \end{aligned}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{\sum_{j_s=j_{ik}-j_{sa}^{ik}+2}} \sum_{j_{sa}^{ik}=j_{sa}^{ik}+1}^{\sum_{j_{ik}=j_s+l_{ik}-j_{sa}^{ik}+1}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(j_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_s - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(\cdot)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left. \sum_{k=l}^{(n-D-s)} \sum_{(j_s=l_s+n-D)}^{(\cdot)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \right) \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D)}^{(l_s - l + 1)}$$

$$\sum_{j_{ik} = j_s + l_{ik} - l_s}^{(j^{sa} = j_{ik} + l_{sa} - l_{sa})} \sum_{(j_i = j^{sa} + l_i - l_{sa})}^{(n - D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa})!}{(j^{sa} + l_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(n - l_i)!}{(n + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + l_{ik} - l_s}^{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + l_i - l_{sa})}^{(n - D)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}}^{(l_i + j_{sa} - l - s + 1)} \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(l_i + n - D - s + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_i + n - D - s + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_i + j_{sa} - l - s + 1)} \sum_{(j^{sa} = l_i + j_{sa} - D - s)}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}}^{(l_i + j_{sa} - l - s + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n - n \wedge l_s > D - s + 1 \wedge$$

$$D + l_s + s - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - l_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+l_i-j_{sa}-j_{ik}-j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j_s \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} + j_{sa} - l_{sa} \Rightarrow$$

$$S_{j_s, j_{ik}, j_{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \left(\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$j_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_i+j_{sa}^{ik}-l-s+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - j_{sa} > l_s$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{S, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_s = j_s + l_{ik} - l_s}^{()} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{(j_i = j^{sa} + s - j_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_{sa} - l + 1)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \sum_{(j_i = j^{sa} + s - j_{sa})}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=l_s+n-D)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_i-l+1)} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}-l_s}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_i-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < l_s > D - n + 1 \wedge$$

$$l_s < l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$\begin{aligned}
 f_{j_s, j_{ik}, j_{sa}, j_i}^{S_{DST, B}} &= \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) - \\
 &\quad \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \\
 &\quad \sum_{j_{ik}=j_s+j_{sa}^{lk}-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 &\quad \frac{(l-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 &\quad \frac{(l-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \\
 &\quad \left. \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right. \right. \\
 &\quad \sum_{j_{ik}=j_s+j_{sa}^{lk}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \\
 &\quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 &\quad \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 &\quad \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 &\quad \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) + \\
 &\quad \sum_{k=l}^{(l_i+n-D-s)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 &\quad \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 &\quad \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{()} \sum_{j_i = j^{sa} + s - j_{sa} - 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l_s > D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_s \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - s - j_{sa} \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s}^{S, B} j_i \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right)$

$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{()} \sum_{j_i = j^{sa} + l_i - l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{ik}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D)} \sum_{(j_s=l_i+n-D)}^{(l_i+n-D)} \sum_{j_{ik}=j_s+l_{ik}-l+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_i+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D - n - l_i + 1)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{j_s - l_{ik}}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} - j_{sa}}^{(\cdot)} \sum_{(j^{sa} = j_{sa} - l_i)}^{(\cdot)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{ik} + s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

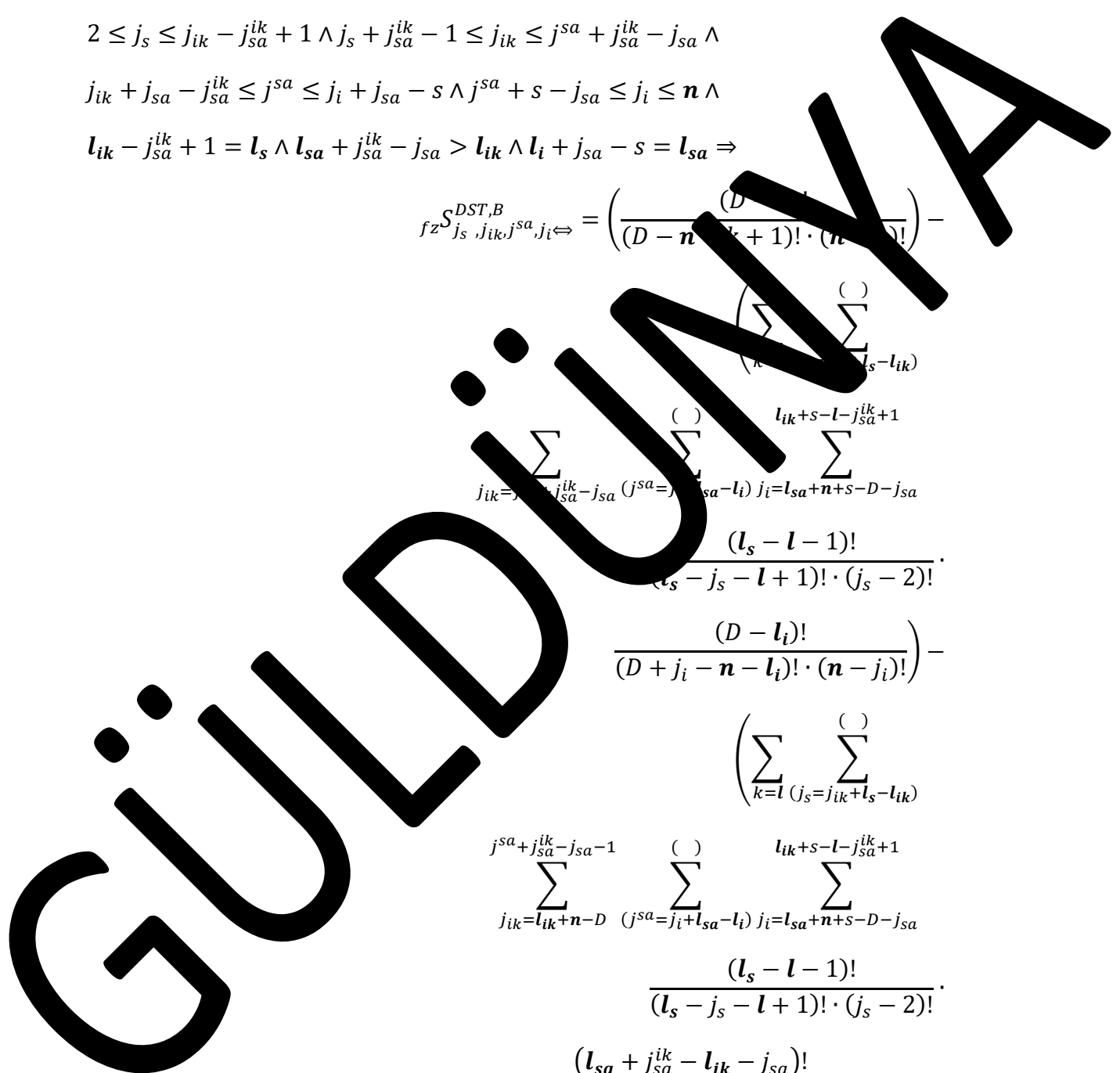
$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{j^{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{(j^{sa} = j_i + l_{sa} - l_i)}^{(\cdot)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{ik} + s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{l_{ik}-l+1} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{l_{sa}+s-l-j_{sa}+1}^{l_{sa}+s-l-j_{sa}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} < j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$= \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{l_{sa}+s-l-j_{sa}+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\substack{j^{sa}=j_i+l_i \\ j_i=l_{sa}+n+s-D-j_{sa}}} \sum_{\substack{j_s=j_{ik}+l_s-l_{ik} \\ j_s=j_i+l_i+l_{sa}-j_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\sum_{\substack{j^{sa}+j_{sa}^{ik}-j_{sa} \\ j_{ik}=l_s+n+s-D-1}} \sum_{\substack{j^{sa}=j_i+l_{sa}-l_i \\ j_i=l_{sa}+n+s-D-j_{sa}}} \sum_{\substack{j_s=j_{ik}+l_s-l_{ik} \\ j_s=j_i+l_i+l_{sa}-j_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\substack{j_s=j_{ik}+l_s-l_{ik} \\ j_{ik}=l_s+n+s-D-1}} \sum_{\substack{l_s+j_{sa}^{ik}-l \\ j^{sa}=j_i+l_{sa}-l_i}} \sum_{\substack{j_s=j_{ik}+l_s-l_{ik} \\ j_i=l_s+s-l+1}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\left(\sum_{j_{ik}=l_s}^{l_s + j_{sa}^{ik} - l} \sum_{j_{sa}^{ik}=D-1}^{(j^{sa} - l_{sa} - l_i)} \sum_{j_i=l_{sa} + n + s - D - j_{sa}}^{l_{sa} + s - l - j_{sa} + 1} \right)$$

$$\frac{(l_s - l - 1)!}{(s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_s - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\quad)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\left(\sum_{j_i=l_{sa}+n+s-D-j_{sa}} \sum_{\binom{(\quad)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_{sa})! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{k=l}^{l+1} \sum_{(j_s=l_s+n-s)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\quad)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D > n \wedge l_s > D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n)}^{(l_s - l + 1)} \sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(l_s - l + 1)} \sum_{(j_{sa} = j_i + l_{sa} - l_i)}^{(l_s - l + 1)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - j_{sa}^{ik} - 1)!}{(l_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - l \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{j_{ik} = j_{sa}^{ik} + j_{sa}^{ik} - j_{sa}}^{(l_s - l + 1)} \sum_{(j_{sa} = j_i + l_{sa} - l_i)}^{(l_s - l + 1)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_{sa}+n+s-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{(j_s=l_s+n-D)}^{(l_s - l)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+s-l+1}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

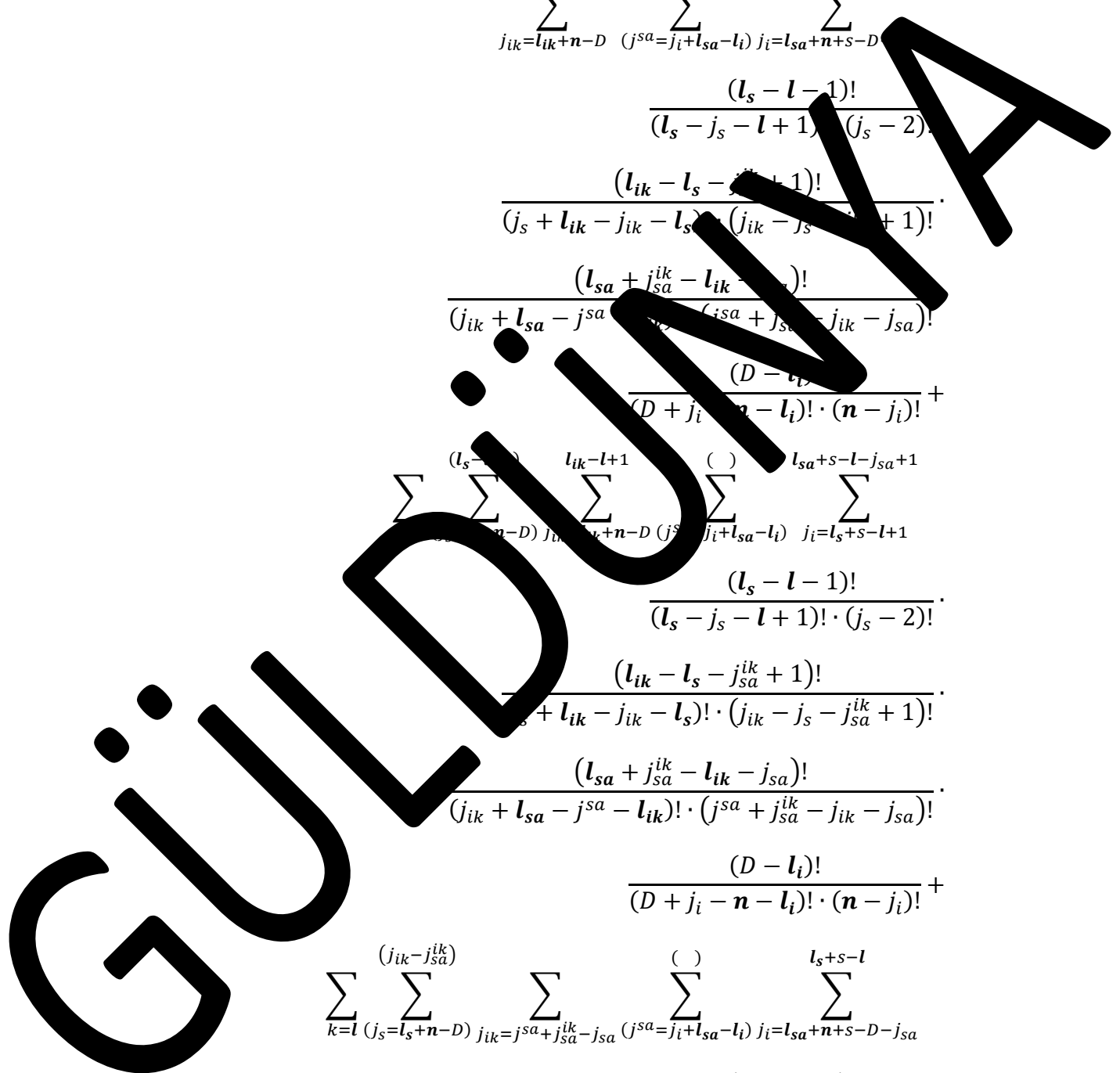
$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l + 1)!}{\sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{ik} - l + 1} \sum_{j_{sa} = l_{sa} - l_i}^{(j_{sa} - l_i)} \sum_{j_i = l_{sa} + n + s - D - j_{sa}}^{l_{sa} + s - l - j_{sa} + 1} \frac{(l_s - l - 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - j_{ik} - j_{sa} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{lk}-j_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{lk}+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{ik}+j_{sa}-l-j_{sa}^{lk}+1)} \sum_{j_i=j^{sa}+l_i}^{(j_s-j_s-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \left. - \right. \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{lk}-1} \sum_{(l_{ik}+j_{sa}-l-j_{sa}^{lk}+1)}^{(l_{ik}+j_{sa}-l-j_{sa}^{lk}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(j_s-j_s-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{lk}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{lk}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{lk}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(j_s-j_s-l+1)} \right. \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{lk}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{lk}-j_{ik}-j_{sa})!} \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{sa} - j_{sa})!}{(j_{ik} - l_{sa} - j^{sa} - l_{sa} - 1)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D - j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$D \geq n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - l_{sa} - l_{ik} \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz \mathcal{S}_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()}$$

$$\sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j_{sa} + j_{sa}^{ik} - j_{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - j_{sa}^{ik} + j_{sa} + s - j_{sa} \leq j_i \leq j_i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} + j_{sa} - l_{sa} \Rightarrow$$

$$S_{DST,B}^{(j_s, j_{ik}, j_{sa})} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j_{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l} \sum_{(j_s=l_s+n-D)}^{(j_{ik}-j_{sa}^{ik})} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l)}^{(l_s-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l_s > D - n + 1$

$D + l_s + s - n - 1 + 1 \leq l \leq D - n + 1 \wedge$

$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$

$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{j_s=j_{ik}-j_{sa}^{ik}+1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{j_{sa}^{ik}=j_s}^{j_s+j_{sa}-l} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{j^{sa}+j_{sa}-l} \sum_{j^{sa}=l_{sa}+n-D}^{j^{sa}+j_{sa}-l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{(j_s+l_s+n-D)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{j_s=l_s+n-D}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} - l_s - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_s=l_s+n-D}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{j^{sa}+j_{sa}-D} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s = D - n + 1 \wedge$$

$$D - l_s + n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{sa} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{(l_s-l+1)}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-1)! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-j_i-n-l_i)!}{(n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{sa}^{ik} \leq j^{sa} - j_{sa}^{ik} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_{sa} + j_{sa}^{ik} - j_{sa} \geq l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z^{S_{DST}, j_{ik}, j_{sa}^{ik}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}-j_{ik}-j_{sa})!} \cdot \frac{(j_i-n-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=l_{ik}+n-j_{sa}^{ik}-D-j_{sa}}^{l_s-n+j_{sa}^{ik}-D-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s = D - n - 1 \wedge$$

$$2 \leq s \leq D + l_s + s - n - l_i \wedge$$

$$s \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{lk}-D-j_{sa}}^{l_s+j_{sa}^{lk}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{lk})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_{sa}+j_{sa}^{lk}-D-j_{sa}}^{l_s+j_{sa}^{lk}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{lk}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{lk} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{lk} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=l_s+n+j_{sa}^{lk}-D-1} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{lk} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{lk} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{lk} + 1 \wedge j_s + j_{sa}^{lk} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{lk} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{lk} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik})} \binom{()}{(j_s = j_{ik} - j_{sa}^{ik})} \right)$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_s + j_{sa}^{ik} - l} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})} \binom{()}{(j_{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D - n - l_i + 1)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s = l_s + n - D)} \binom{(j_{ik} - j_{sa}^{ik})}{(j_s = l_s + n - D)} \right)$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_s + j_{sa}^{ik} - l} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})} \binom{()}{(j_{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s = l_s + n - D)}^{(l_s - l + 1)} \sum_{j_{ik} = l_s + j_{sa}^{ik} - l - j_{sa} + 1} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})} \binom{()}{(j_{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{\binom{D-l_i}{k+1} \binom{l_s-l+1}{j_s-j_s-l+1}}{(D-n-k+1)! \cdot (n-1)!} \sum_{j_{ik}=l_{sa}+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{j_{ik}+l_{sa}-l_{ik}} \frac{(l_s-l-1)!}{(j_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s-j_{ik}-j_{sa}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

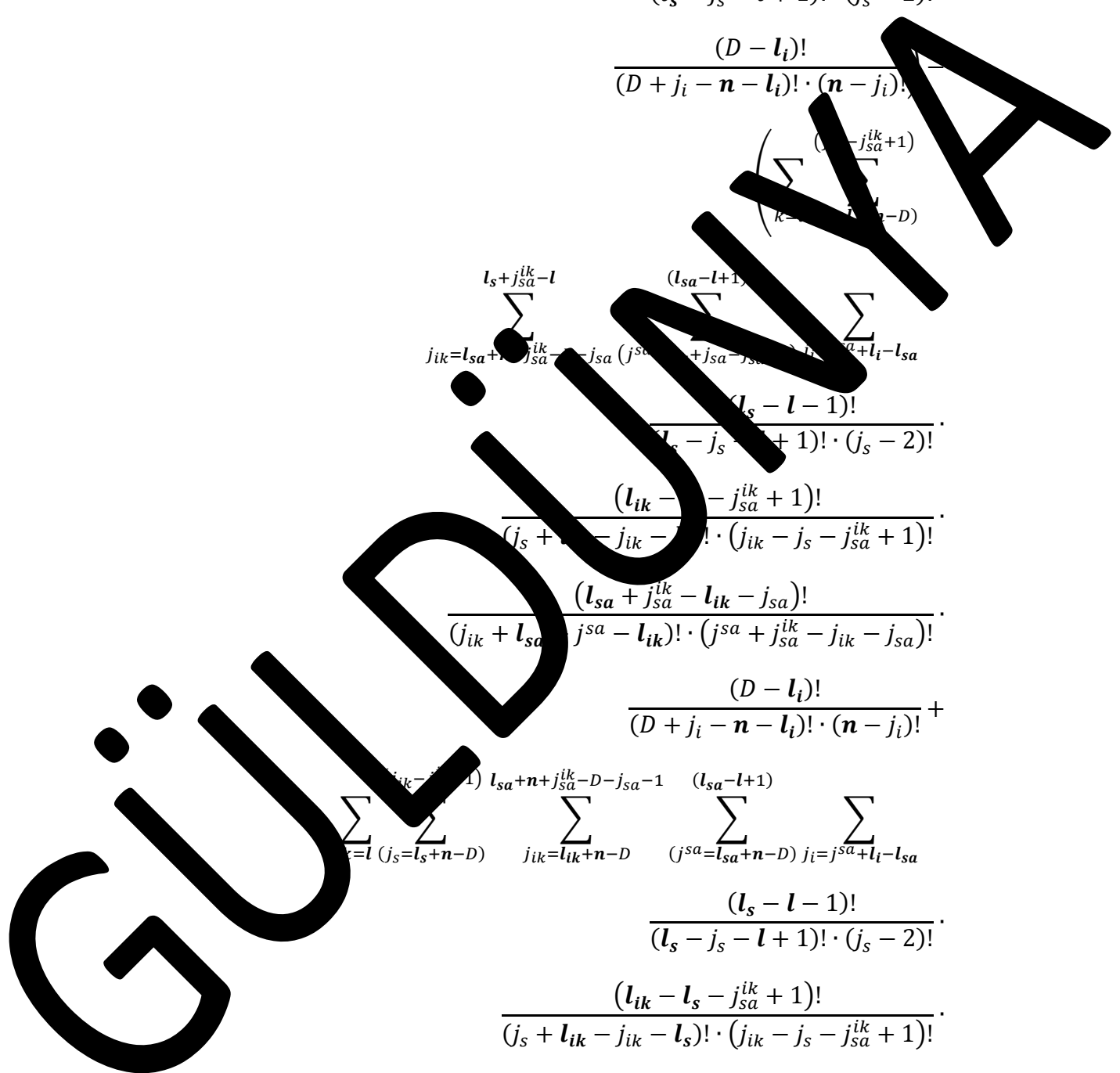
$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{()} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{lk}-D-j_{sa}}^{l_s+j_{sa}^{lk}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{lk}-D-j_{sa}}^{l_s+j_{sa}^{lk}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{lk} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{l_{sa}+n+j_{sa}^{lk}-D-j_{sa}-1} \sum_{j_{ik}=l_{ik}+n-D} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{lk} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}-j_{sa}^{ik}-j_{sa}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{l_i+j_{sa}^{ik}-l} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D > n < n \wedge l > D - l + 1 \wedge$$

$$2 \leq l \leq D + l_s + n - l_i$$

$$2 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq l + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} + j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
 & \left(\sum_{k=l}^{(l_{ik}-l_{sa}^{ik}+2)} \sum_{j_s=l_{sa}+j_{sa}^{ik}+1}^{(D-j_{sa}^{ik}+1)} \right) \\
 & \sum_{j_s+l_{ik}-l_s} \sum_{j_s+l_{ik}-l_s} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{j_s+l_{ik}-l_s} \sum_{j_s+l_{ik}-l_s} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik})} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{(l_{sa} - l + 1)} \sum_{(j_{sa} = l_{sa} + n - D)} \sum_{j_i = j_s + l_i - l_{sa}} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} - l_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})!}{(j_{ik} + j_{sa} - j_{sa}^{ik} - l_{ik} - j_{sa}^{ik})! \cdot (j_s - j_{sa}^{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_{sa}$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - j_{sa}^{ik} \wedge j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l - 1)} \sum_{(j_s = l_{sa} + n - D - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_s + l_{ik} - l_s}^{()} \sum_{(j_{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j_{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\sum_{k=l}^{(l_{sa}+n-D)} \sum_{(j_s=l_s+n-D)}^{(l_{sa}+n-D)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}+n-D)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}+n-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_{sa}+n-D)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D - n < n \wedge l_i > D - n - 1 \wedge$$

$$D - n + s - n - l_i - 1 \leq l_s \leq n - 1 \wedge$$

$$j_s \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_z S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{j^{sa}=l_{sa}+n-D}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa}^{ik} - l_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq l_i$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$DST,B_{(j_s, j^{sa}, j_i)} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=l_s+n-D)}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j_{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s - j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$\sum_{z \in \mathbb{Z}}^{DST,B} S_{j_s, j_{ik}, j_{sa}, j_i}^{\Leftrightarrow} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \right) -$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{(j_i=j_{sa}+l_i-l_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \right. \\
 & \sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{ik}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=n-D-j_{sa}+1)}^{(l_{sa}-l-1)} \sum_{(j_{ik}=l_{ik}+n-D-j_{sa}^{ik})}^{l_{ik}-l+1} \sum_{(j_i=l_{sa}+n-D-j_{sa}^{ik})}^{(l_{sa}-l-1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - l_i)!}{(D - n - l_i + 1)! \cdot (n - j_i)!} \right) -$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=j_i+l_{sa}-l_i}^{()} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=j_i+l_{sa}-l_i}^{()} \sum_{j_i=l_{ik}+s+n-D-j_{sa}^{ik}}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l}^{\sum_{j_s=l_s+n-D}^{(l_s-l+1)}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_s+s-l+1}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$= \frac{(D-k)!}{(D+n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{\sum_{j_s=l_s+n-D}^{(l_s-l+1)}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

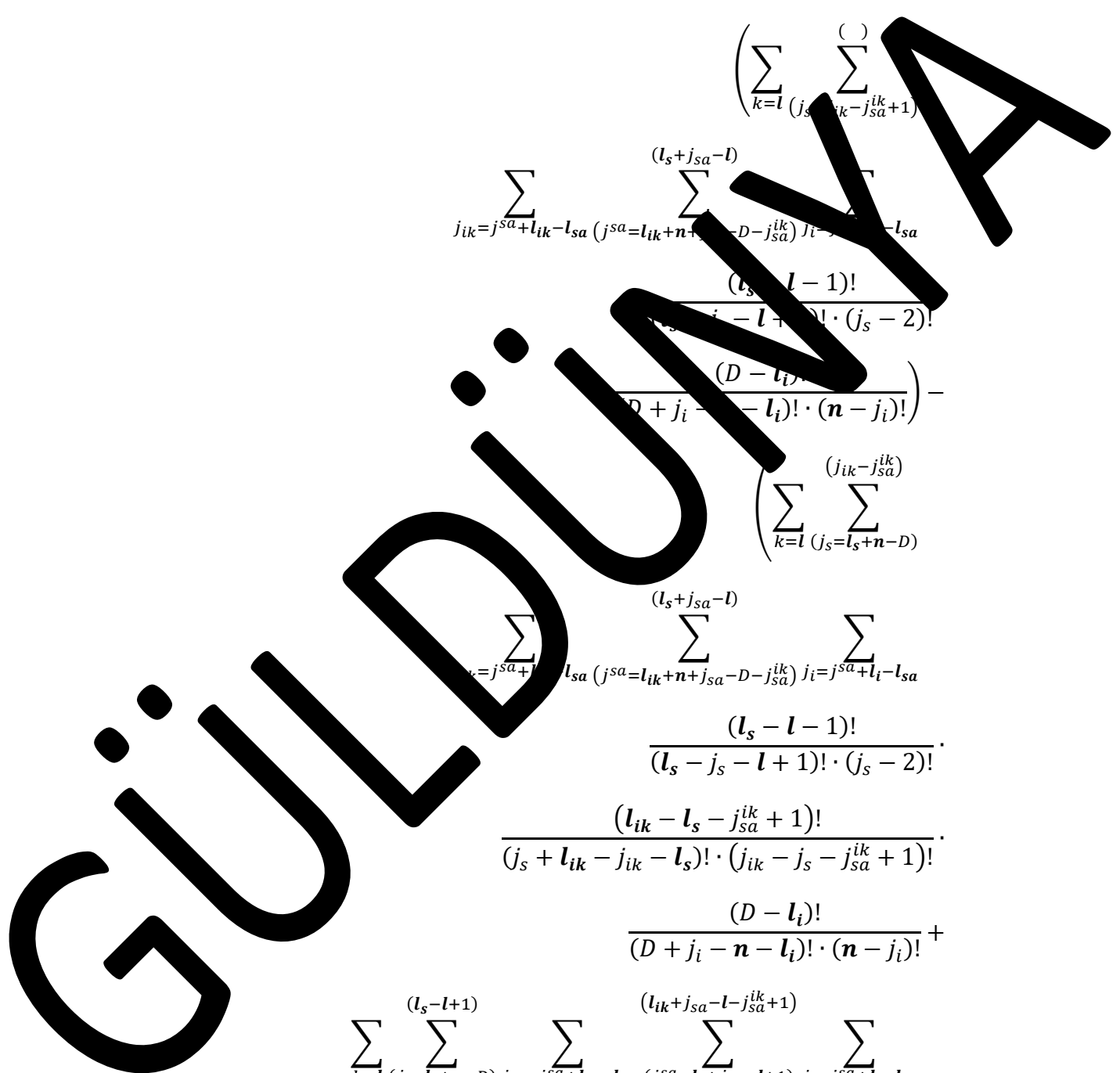
$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{ik}+n+1-j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{\binom{l_s+l_{sa}-l}{j_s-l+1} \binom{l_s+l_{sa}-l}{j_s-2}}{(l_s-l-1)! \cdot (j_s-2)!} \cdot \left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s+n-D)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{\binom{D-l_i}{k+1}}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{j_{ik}=j^{sa}-l_{sa}}^{\binom{l_s-l+1}{j_{ik}+j_{sa}-l_{sa}^{ik}+1}} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{\binom{l_s-l+1}{j_i+n-D}}$$

$$\frac{(l_s - l - 1)!}{(j_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\)} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s+1)} \sum_{(j_s=l_s+n-D)}^{l-1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq D - n + 1 \wedge$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_s + n - k)}^{(l_s - l + 1)}$$

$$\sum_{j_{ik} = l_{ik} + n - D}^{l_{ik} - l + 1} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{()} \sum_{j_i = j_{sa} + l_i - l_{sa}}^{()}$$

$$\frac{(l_s - j_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_s - j_{sa}^{ik} - 1)!}{(l_s - j_{sa}^{ik} - 1)! \cdot (j_{sa} - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s > D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l$$

$$2 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s - j_{sa}^{ik} - 1 \leq j_{ik} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - l_i \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{()} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{()} \sum_{j_i = j_{sa} + l_i - l_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_{ik}+n-D-j_{sa}^{ik}+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i}^{()}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_s-l-1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\sum_{k=l}^{(l_{ik}+n-D-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)}^{()} \sum_{j_{ik}=l_{ik}+n-D-j_{sa}^{ik}}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_s-l-1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l_{ik} \wedge l_s \wedge D - n \wedge l_i \wedge l_{sa}$$

$$1 \leq j_{ik} - j_{sa}^{ik} + j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_s + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = j_s + j_{sa} - j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=s+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(\quad)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\quad)} \sum_{j_i=s+1}^{l_{sa}+j_{sa}-l-s+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\quad)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(\quad)} \sum_{(j^{sa}=j_i+l_{sa}-s)}^{(\quad)} \sum_{j_i=s+1}^{l_{sa}+j_{sa}-l-s+1} \right)$$

$$\left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j^{sa}+l_{ik}-l_{sa})} \sum_{(j^{sa}=j_{sa}+1)}^{(j_i+j_{sa}-s-1)} \sum_{(j_i=s+2)}^{l_{sa}+j_{sa}-l-s+1} \right) \cdot$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j^{sa}+l_{ik}-l_{sa})} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-s+1)} \sum_{(j_i=l_{sa}+j_{sa}-l-s+2)}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D > n < n \wedge l \neq \dots \wedge l_s \leq \dots + 1 \wedge$

$1 \leq j_s = j_{ik} - j_{sa} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} + j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=s+1}^{l_{ik}+j_{sa}^{ik}-l-s+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} \Rightarrow$$

$$fz S_{ik, j^{sa}, j_i}^{DST, B} \left(\frac{(D - l_i)!}{(D - n - l_i + k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{\binom{(\cdot)}{j_s=j_{ik}+l_s-l_{ik}}} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=s+1}^{l_{ik}+j_{sa}^{ik}-l-s+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{\binom{(\cdot)}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_{sa}+1}}^{(j_i+j_{sa}-s-1)} \sum_{j_i=s+2}^{l_{ik}+j_{sa}^{ik}-l-s+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{()}{j^{sa}=j_{sa}+1}} \sum_{\binom{()}{j_i=l_{ik}+j_{sa}^{ik}-l-s+2}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-l_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa}^{ik} - j_{sa} \leq j_{ik} \wedge n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \leq l_{ik} \wedge l_i + j_{sa}^{ik} - s = l_{sa} \wedge$

$fz_{j_s, j_{ik}}^{DST, l_i} \Leftrightarrow = \left(\frac{(D-l_i)!}{(D-l_i-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{\binom{()}{j_i=s+1}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{\binom{()}{j_i=s+2}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right)$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{\binom{()}{j_i=s+2}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right)$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$

$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$

$$\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}-j_{sa}^{ik}+1} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{l_i-l+1}^{j_i-l_{ik}+j_{sa}^{ik}-l-s+2} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-l)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{sa}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_s \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s > l_{ik} \Rightarrow$$

$$fz^{S_{j_s, j_{ik}, j_{sa}^{ik}, j^{sa}, j_i}} \Leftrightarrow \frac{(D-k)!}{((D-n-k+1)! \cdot (n-1)!)} -$$

$$\left(\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}+l_s-l_{ik}}} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+j_{sa}-s}} \sum_{j_i=s+1}^{l_{ik}+j_{sa}^{ik}-l-s+1}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{\binom{(\cdot)}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{(\cdot)}{j^{sa}=j_{sa}+1}}^{(j_i+j_{sa}-s-1)} \sum_{j_i=s+2}^{l_{ik}+j_{sa}^{ik}-l-s+1} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\begin{aligned}
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{sa}+s)}^{(l_{sa}-l+1)} \sum_{j_i=l_{ik}+j_{sa}-l-s+2}^{l-1} \frac{(l_s - l - j_i)!}{(l_s - j_s - l + 1)! \cdot (j_s - j_i)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+2}^{l_{ik}+j_{sa}^{ik}-l-s+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n - l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=s+1}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa} = l_{sa} \Rightarrow$$

$$f_{zS}^{DST,B} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=s+1}^{l_s+s-l} \frac{(D-l_i)!}{(D-j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=s+1}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=s+2}^{(j_i+j_{sa}-s-1) l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n - j_s$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, l, l_i} = \left(\frac{(D - k)!}{(D - k + 1)!} \right) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=s+1}^{l_s+s-l} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$

$\left(\sum_{l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=s+2}^{l_s+s-l} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$

$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+s-l+1}^{l_i-l+1}$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, l_i} = \frac{\binom{l_s - l - 1}{j_s - l + 1}}{(D - j_s - l + 1)! \cdot (j_s - 2)!} -$$

$$\left(\sum_{k=l} \binom{l_s - l - 1}{j_s - l + 1} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \binom{l_s - l - 1}{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_{sa}^{ik}=j_i + l_{sa} - l_i} \sum_{j_i=s+1}^{l_s + s - l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \binom{j_{ik} - j_{sa}^{ik}}{j_s - l + 1} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \sum_{j_{sa}^{ik}=j_i + l_{sa} - l_i} \sum_{j_i=s+2}^{l_s + s - l} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \binom{l_s - l + 1}{j_s - 2} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \sum_{j_{sa}^{ik}=j_i + l_{sa} - l_i} \sum_{j_i=l_s + s - l + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, l_s, l_i} = \frac{\binom{l_s - l - 1}{j_s - l + 1}}{\binom{D - l_i - k + 1}{j_s - l + 1} \cdot 1!} -$$

$$\left(\sum_{k=l} \binom{()}{j_s = j_{ik} + l - l_{ik}} \sum_{j_{ik} = j^{sa} + j_{sa}^{ik} - j_{sa}} \binom{()}{j_i = j_s - s} \sum_{j_i = s+1}^{l_s + s - l} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \binom{()}{j_s = j_{ik} + l_s - l_{ik}} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{j^{sa} + j_{sa}^{ik} - j_{sa}} \sum_{j_i = j_{sa} + 1}^{(j_i + j_{sa} - s - 1) \cdot l_s + s - l} \sum_{j_i = s+2} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j^{sa}+l_i-l_{sa}-s)!}$$

$$\frac{(D-l_i)!}{(D+j_i-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j^{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+2}^{l_s+s-l}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \wedge l \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 \leq l_s \wedge l_{ik} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$f_Z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_{ik}=j^{sa}+l_{ik}-l_{sa})} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=s+1}^{l_s+s-l} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\begin{aligned}
 & \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\
 & \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=s+2}^{(j_i + j_{sa} - s - 1) l_s + s - l} \right. \\
 & \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \quad \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \quad \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \left. \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=l_s + s - l + 1}^{l_i - l + 1} \right) \\
 & \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \quad \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \quad \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa}=j_i + j_{sa} - s)} \sum_{j_i=s+2}^{l_s + s - l} \right) \\
 & \quad \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \quad \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \quad \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)
 \end{aligned}$$

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$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}}} \sum_{\binom{()}{j_i=s+1}} \frac{(l_s+s-l)!}{(l_s-l-1)! \cdot (j_s-2)!} \right) \cdot \left(\frac{(D-l)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) \cdot \left(\sum_{\binom{()}{j_s=2}} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}-j_{sa}^{ik}+1}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{\binom{()}{j_i=s+2}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \left(\sum_{k=l} \sum_{\binom{()}{j_s=2}} \sum_{\binom{()}{j_{ik}=j_{sa}^{ik}+1}} \sum_{\binom{()}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{\binom{()}{j_i=l_s+s-l+1}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right) \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=s+1}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$\sum_{j_s=j_{ik}+l_{sa}-l_{ik}}^{DST,B} j_i \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_i+j_{sa}-l-s+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \leq j_{ik} \wedge l_i + j_{sa} - s > l_s \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{D, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - j_i)!} \cdot \sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}}^{(l_{ik} + j_{sa}^{ik} - l - s + 1)} \sum_{(j^{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_s - l - 1)!}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - l \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}}^{(l_{ik} + j_{sa}^{ik} - l - s + 1)} \sum_{(j^{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(l_s - l - 1)!} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}}^{(l_{ik} + j_{sa}^{ik} - l - s + 1)} \sum_{(j^{sa} = j_{sa} + 1)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, l, l_i} = \left(\frac{(D - k)!}{(D - k + 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(l_i+j_{sa}^{ik}-l-s+1)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_{sa}+2)}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{(l_{sa}-l+1)}^{j_{sa}=l_{ik}+j_{sa}^{ik}-l-s+2} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \leq s - j_{sa} \leq j_i - n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa}^{ik} - s > l_{sa}$

$fz_{j_s, j_{ik}}^{DST, n} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{ik}+j_{sa}^{ik}-l-s+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right)$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{(l_{sa}-l+1)}^{j^{sa}=l_{ik}+j_{sa}^{ik}-l-s+2} \sum_{l_i-l+1}^{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_{sa} - l)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{(l_{sa}-l+1)}^{j^{sa}=j_{sa}+2} \sum_{l_i-l+1}^{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa} \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq l_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(l_s+j_{sa}-l)}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - l_{sa} \Rightarrow$

$fzS_{DST,B}^{(j_{ik}j^{sa}, j_i)} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (n - j_i)!} \right) -$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(l_s+j_{sa}-l)}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(l_s+j_{sa}-l)}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=j_{sa}+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - k)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}-1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j_{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{sa} + l_{ik} - l_{sa}} \sum_{(j_{sa} = j_{sa} + 1)}^{(l_s + j_{sa} - l)} \sum_{j_i = j_{sa}^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s = 2)}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_{ik} = j_{sa}^{sa} + l_{ik} - l_{sa}} \sum_{(j_{sa} = j_{sa})}^{(l_s + j_{sa} - l)} \sum_{j_i = j_{sa}^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\left(\sum_{k=l} \sum_{(j_s = 2)}^{(l_s - l - 1)} \sum_{j_{ik} = j_{sa}^{sa} + l_{ik} - l_{sa}} \sum_{(j_{sa} = l_s + j_{sa} - l + 1)}^{(l_{sa} - l + 1)} \sum_{j_i = j_{sa}^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j_{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+s}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_s+j_{sa}^{ik}-l)} \sum_{(j_{sa}=l_s+j_{sa}-l+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}+s-j_{sa}}^{(l_i-l+1)} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_{sa}+2)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} - s - j_{sa} \leq j_i - n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$

$fz_{j_s, j_{ik}}^{DST, l_i} \Leftrightarrow = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(l_s - l + 1)} \sum_{j_{ik}=j^{sa} + l_{ik} - l_{sa}}^{(l_{sa} - l + 1)} \sum_{(j^{sa}=l_s + j_{sa} - l + 1)}^{(l_i - l + 1)} \sum_{j_i=j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(j_{sa} - l)} \sum_{j_{ik}=j^{sa} + l_{ik}}^{(j_{sa} - l)} \sum_{(j^{sa}=j_{sa} + 2)} \sum_{j_i=j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l_i < n \wedge l \neq i \wedge l_i \leq D - n \wedge$$

$$j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} = j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik} - j_{sa}^{ik} + 1)}^{()} \sum_{j_{ik}=j^{sa} + j_{sa}^{ik} - j_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j^{sa}=j_{sa} + 1)} \sum_{j_i=j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s=2)}^{j_{sa} + j_{sa}^{ik} - j_{sa} - 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{(l_s + j_{sa} - l)} \sum_{(j_{sa}=j_{sa} + 2)}^{j_i = j_{sa} + l_i - l_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{j_{sa} - l + 1} \sum_{j_{ik}=j_{sa}^{ik} + 1}^{(j_{sa} - l + 1)} \sum_{(j_{sa}=l_s + j_{sa} - l + 1)}^{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

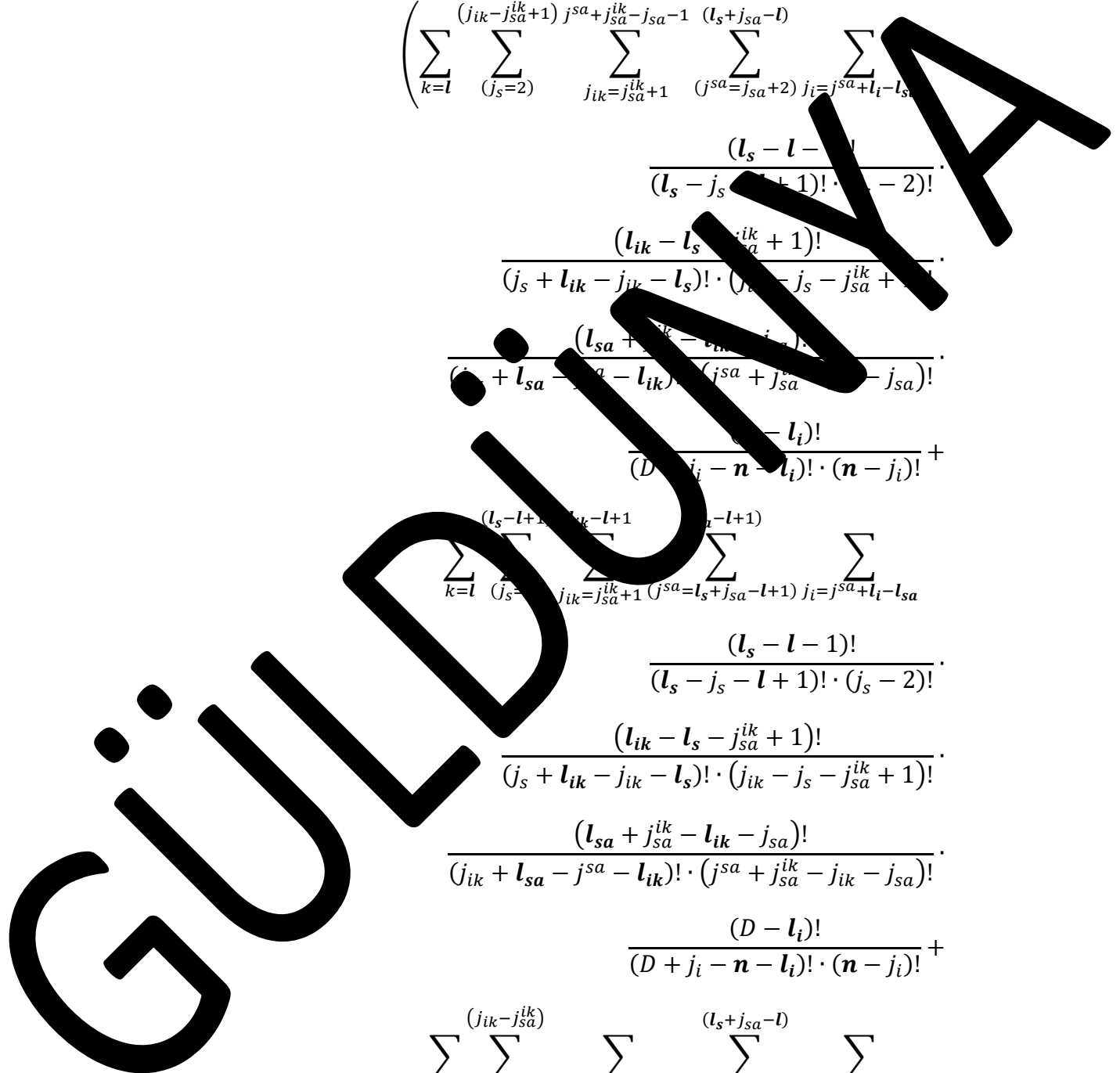
$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(l_s + j_{sa} - l)} \sum_{j_{ik}=j_{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{sa} = j_{sa} + 2)} \sum_{j_i = j_{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$



$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{(j_{ik}=j_{sa}^{ik}+l_i+j_{sa}^{ik}-l-s+1)}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{(j_i=j^{sa}+l_i-l_{sa})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{(j_i=j^{sa}+l_i-l_{sa})}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(j_s)} \binom{j_s}{k} \binom{l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1}{j_{ik} - j_{sa}^{ik} + 1} \binom{l_s - l - 1}{j_s - j_{sa} - l + 1} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{(j_s)} \binom{j_s}{k} \binom{l_s - l - 1}{j_s - j_{sa} - l + 1} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{j_{ik}=j_{sa}^{ik}+1}^{l - j_{sa} + 1} \binom{l - j_{sa} + 1}{j_{ik} - j_{sa}^{ik} + 1} \binom{l_i - l + 1}{j_i = j_{sa} + s - j_{sa} + 1} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}+l_i} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j_{sa} + j_{sa}^{ik} - l_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq l_i$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\binom{()}{j_{ik} = j_{sa}^{ik} + 1}}^{l_{ik} - l + 1} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{\binom{()}{j_i = j^{sa} + l_i - l_{sa}}} \frac{(j_s - l - 1)!}{(j_s - l - 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\binom{()}{j_{ik} = j_{sa}^{ik} + 1}}^{l_{ik} - l + 1} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1}}^{l_{sa} - l + 1} \sum_{\binom{()}{j_i = j^{sa} + l_i - l_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$\geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\binom{()}{j_{ik} = j_{sa}^{ik} + 1}}^{l_{ik} - l + 1} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{\binom{()}{j_i = j^{sa} + s - j_{sa}}} \right)$$

$$\left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{(l_{sa}-l+1)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \sum_{l_i-l+1}^{j_i=j_{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_{sa} - j_{sa})!}{(j_{sa}^{ik} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{(l_{sa}-l+1)}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{l_i-l+1}^{j_i=j_{sa}+s-j_{sa}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n - l_i \wedge l_i \leq D - n + 1 \wedge$$

$$1 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} \Rightarrow$

$fz_{ik,j^{sa},j_i}^{DST,B} \left(\frac{(D - l_i)!}{(D - n - l_i + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - l_{ik} - j_{sa})!}{(j_{ik} + l_s - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_s \wedge l_i = D + s - l \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_s + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa}^{ik}+2} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=2)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D > n < n \wedge l_i \neq l \wedge l_i < D + s - n \wedge$
 $1 \leq j_i \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$
 $j_{ik} + j_{sa}^{ik} - j_{sa}^{ik} \leq j^{sa} \leq j_{sa} + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$
 $l_{ik} - j_{sa}^{ik} + 1 \leq l \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_s+j_{sa}^{ik}-l} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \sum_{l_{sa}-l+1} \sum_{l_i-l+1} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}} \right)$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_s+j_{sa}^{ik}-l} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{l_{sa}-l+1} \sum_{j_i=j_{sa}^{sa}+s-j_{sa}+1} \left(\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \right.$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l_i \leq D + s - n \wedge$$

$$1 - j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}-l}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_s-l+1)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j_{sa}^{ik}+2}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, l} = \frac{\binom{l_s - l - 1}{j_s - l + 1}}{\binom{D - l_i}{D + j_i - n - l_i} \binom{n - j_i}{n - j_i}} -$$

$$\left(\sum_{k=l}^{(j_s - j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{(l_s + j_{sa}^{ik} - l)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=2}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{(l_s + j_{sa}^{ik} - l)} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}-j_{sa}^{ik}-j_{sa}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \dots$$

$$D - n < n \wedge l_i \neq i \wedge l_i \leq D - n + 1 \wedge 1 \leq i \leq j_{ik} - j_{sa}^{ik} - 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - j_{sa}^{ik} + 1 \leq l_i \wedge l_i + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{(l_i-l-s+2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=2)}^{()} \sum_{j_{ik}=j_s+l_{ik}}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{T, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right.$$

$$\left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=2)}^{()} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{()} \right.$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=2)}^{()} \right)$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j_{sa}, j_i}^{S, B} = \frac{(n - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{\binom{(\cdot)}{j_s=2}} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$

$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=l}^{\binom{(l_{ik}-l-j_{sa}^{ik}+2)}{(\cdot)}} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j_{sa}=j_{ik}+l_{sa}-l_{ik}) \sum_{j_i=j_{sa}+s-j_{sa}+}^{()} \sum_{l_i-l+1} \right) -$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - l_i)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - j_{sa}^{ik} + s - 1 \leq j_i \leq j_{sa} + j_{sa}^{ik} - 1 \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik} \wedge j_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$f_{z, j_{ik}, j_{sa}}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \right) -$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} (j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}) \sum_{j_i=j_{sa}+l_i-l_{sa}}^{()} \sum_{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1) \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-l)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} \leq j_i - j_{sa}^{ik} \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa}^{ik} - j_{sa} > l_{sa}$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} = \left(\frac{(D-k)!}{(D-k+1)! \cdot (n-1)!} \right) -$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \cdot$$

$$\left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1) \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \right)$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa}^{ik} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}^{ik}}} \sum_{j_i=j_{sa}^{ik}+j_{sa}+1}^{-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{ik} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \Rightarrow$$

$$\sum_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{()}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{ik} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{ik} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + l_{ik} - l_s} \sum_{(j^{sa}=j_{ik} + l_{sa} - l_{ik})} \sum_{j_i=j^{sa} + s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + l_{ik} - l_s} \sum_{(j^{sa}=j_{ik} + l_{sa} - l_{ik})} \sum_{j_i=j^{sa} + s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) \cdot$$

$$\frac{(l_i + j_i - l_{sa} - s)!}{(j^{sa} + s - j_i - l_i)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l \neq 1 \wedge l_i \leq D + s - l_{sa} \wedge$$

$$1 < j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s + l_{ik} - l_s} \sum_{(j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i=j^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} \leq s - j_{sa} \leq j_i \wedge n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa}^{ik} - s = l_{sa}$$

$$fz_{j_s, j_{ik}}^{DST, l_i} \Leftrightarrow = \left(\frac{(D-l_i)!}{(D-j_s-l+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{sa}^{ik}-1}^{(l_{ik}-l+1)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1) \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + j_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} (j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}) \sum_{j_i=j^{sa}+s-j_{sa}+1}^{(l_i - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(j_s)} \sum_{j_{ik}=j_s + j_{sa}^{ik}}^{(j_{ik})} \sum_{(j^{sa}=j_{ik} + l_{sa} - l_{ik})}^{(j^{sa})} \sum_{j_i=j^{sa} + s - j_{sa}}^{(j_i)} \right) \cdot \frac{(l_s - l + 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(j_s)} \sum_{j_{ik}=j_s + j_{sa}^{ik}}^{(j_{ik})} \sum_{(j^{sa}=j_{ik} + l_{sa} - l_{ik})}^{(j^{sa})} \sum_{j_i=j^{sa} + s - j_{sa}}^{(j_i)} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{(j_s)} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{(j_{ik})} \sum_{(j^{sa}=j_{ik} + l_{sa} - l_{ik})}^{(j^{sa})} \sum_{j_i=j^{sa} + s - j_{sa} + 1}^{(j_i)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$

$fz^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D - k)!}{(D - n - k - 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s=2}^{j_s} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{j_{ik}} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik}}^{j^{sa}} \sum_{j_i=j^{sa} + l_i - l_{sa}}^{j_i} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$

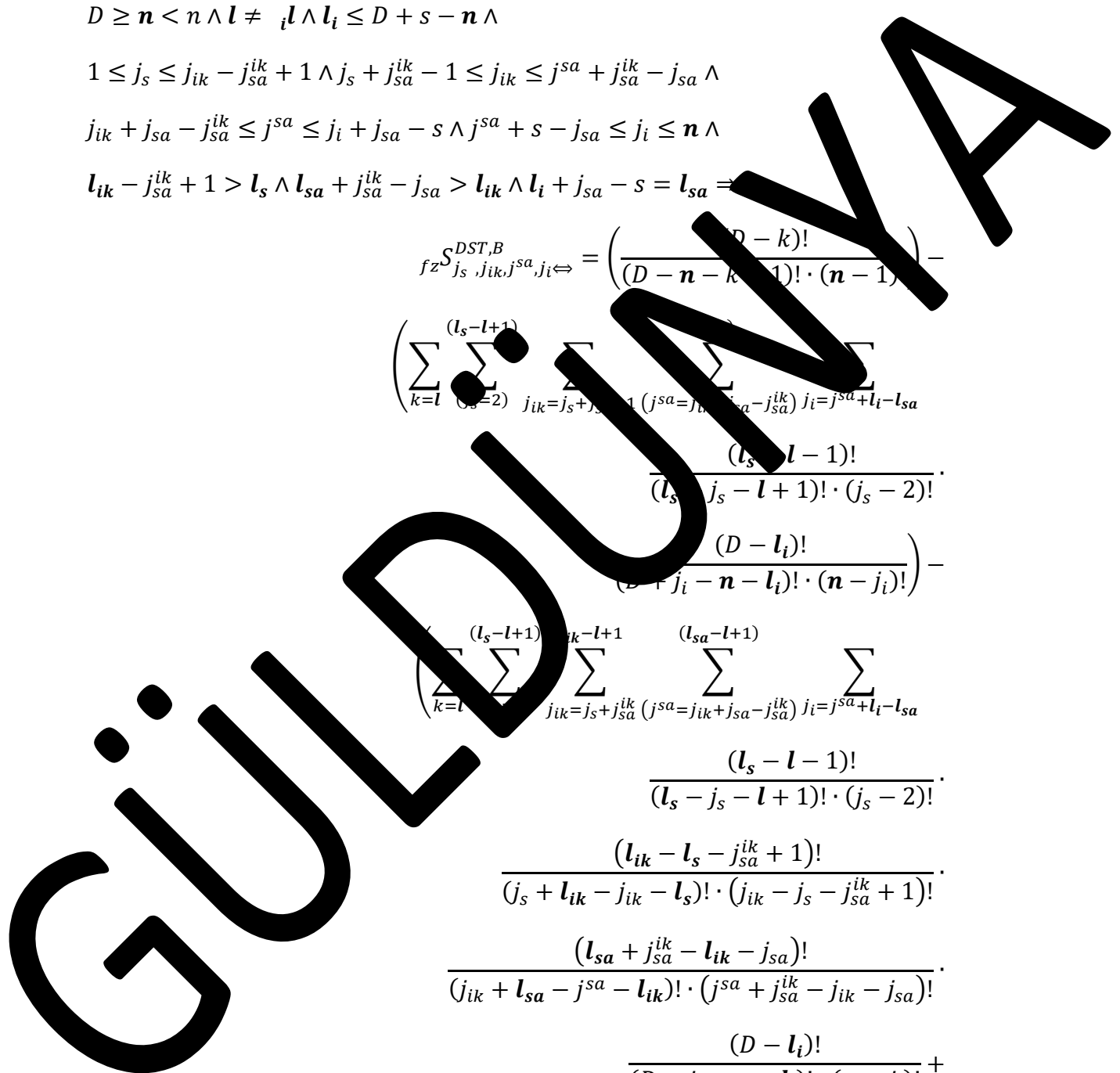
$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s=2}^{j_s} \sum_{j_{ik}=j_s + j_{sa}^{ik} - l + 1}^{j_{ik} - l + 1} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik}}^{(l_{sa} - l + 1)} \sum_{j_i=j^{sa} + l_i - l_{sa}}^{j_i} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right) -$

$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} -$

$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} -$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$

$\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s=2}^{j_s} \sum_{j_{ik}=j_s + j_{sa}^{ik} - 1}^{j_{ik}} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{(l_{sa} - l + 1)} \sum_{j_i=j^{sa} + l_i - l_{sa}}^{j_i}$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_{sa} = l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_i}^{D, s} = \left(\frac{(D - k)!}{(D - j_s - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(\cdot)} \sum_{(j_{sa} = j_i + j_{sa} - s)}^{(\cdot)} \sum_{j_i = l_i + n - D}^{l_{sa} + s - l - j_{sa} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(j_i + j_{sa} - s - 1)} \sum_{(j_{sa} = j_{sa} + 1)}^{l_{sa} + s - l - j_{sa} + 1} \sum_{j_i = l_i + n - D}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=l_{sa}+s-l-j_{sa}}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{ik}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - j_{sa} - j_{sa}^{ik} \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\left(\sum_{l=1}^{j_s} \binom{j_s - l}{j_s - l} \binom{j_s - l - j_{sa}^{ik} + 1}{j_s - l - j_{sa}^{ik} + 1} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=j_{sa}+1}^{j^{sa}+j_{sa}-s} \sum_{j_i=l_i+n-D}^{j_i+l_i+n-D} \binom{j_s - l - j_{sa}^{ik} + 1}{j_s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l}^{j_s} \binom{j_s - k}{j_s - k} \sum_{l_{ik}=j_{sa}^{ik}-l_{sa}}^{j_s - k - l_{sa}} \binom{j_s - k - l_{sa}}{j_s - k - l_{sa}} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(j_i+j_{sa}-s-1) \wedge l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j^{sa}=j_{sa}+1}^{(j^{sa}+j_{sa}-s) \wedge l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \binom{j_s - l - j_{sa}^{ik} + 1}{j_s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{j_s} \binom{j_s - k}{j_s - k} \sum_{l_{ik}=j_{sa}^{ik}-l_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1) \wedge l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j^{sa}=j_{sa}+1}^{(j^{sa}+j_{sa}-s) \wedge l_{ik}+s-l-j_{sa}^{ik}+1} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+1}^{l_i-l+1} \binom{l_i - l + 1}{j_i - l_{ik} + s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz_{j_s}^{T,B} \Leftrightarrow j^{sa}, j_i \Leftrightarrow \frac{(n - k)!}{(D + n - k + 1)! \cdot (n - 1)!}$

$\sum_{k=0}^n \sum_{j_s=j_{ik}+l_s-l_{ik}} \sum_{j^{sa}=j_{sa}+l_{ik}-l_{sa}} \sum_{j_i=j_{sa}+1}^{(l_i-j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$D \geq n < n \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}-1}^{(\cdot)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+2}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

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$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \binom{()}{j_s = j_{ik} + l_s - l_{ik}} \sum_{j_{ik} = k + 1}^{l_{ik} - l + 1} \binom{()}{i + l_{sa}} \sum_{j_i = l_i + n - D}^{l_i - l} \frac{(l_s - l)!}{(l_s - j_s + l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \binom{()}{j_s = j_{ik} + l_s - l_{ik}} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \binom{(\quad)}{j^{sa}=j_i+j_{sa}-s} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\binom{(\quad)}{(\sum_{k=1}^i j_{ik} - l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+} \binom{(\quad)}{j_i+j_{sa}-s-1} \sum_{j_i=l_i+n-D}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=1}^i \sum_{j_s=j_{ik}+l_s-l_{ik}} \binom{(\quad)}{j_{ik}=j_{sa}^{ik}+1} \sum_{j^{sa}=l_{sa}+n-D}^{l_{ik}-l+1} \binom{(l_{sa}-l+1)}{j_i=l_{ik}+s-l-j_{sa}^{ik}+2} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{(j_i=l_i+n-D)}^{l_{ik}+s-l-j_{sa}^{ik}+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} - l_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - l_i + 1 \Rightarrow$

$fz_{j_s, j_{ik}, j_i}^{DSI} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_{ik}=j_{sa}^{ik}+1)}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{(j_i=l_i+n-D)}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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$$\left(\sum_{k=l}^{j_s} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{j_s+l_{sa}} \sum_{j_i=l_i+n-D}^{l_s+s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{j_s} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_i+j_{sa}-s-1)} \sum_{(j^{sa}=j_{sa}+1)}^{l_s+s-l} \sum_{j_i=l_i+n-D} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=l}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(l_s+j_{sa}-l)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{l_i-l+1} \sum_{j_i=l_s+s-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \sum_{k=l}^{i} \sum_{(j_s = j_{ik} + l_s)} \sum_{j_{ik} = j^{sa} + l_{ik}} \sum_{j_{sa} = j^{sa} + 1} \sum_{j_i = l_i + n - D} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \binom{()}{j_s = j_{ik} + l_s - l_{ik}} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_s + j_{sa}^{ik} - l} \binom{()}{j^{sa} = j_i + l_{sa}} \sum_{j_i = l_i + n - D}^{l_i - l + 1} \frac{(l - l - 1)!}{(l - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa} - l_{ik} - j_{sa}^{ik})!}{(l_{ik} + l_{sa} - j_s - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1} \sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{l_s + s - l} \binom{()}{j^{sa} = j_i + l_{sa} - l_i} \sum_{j_i = l_i + n - D}^{l_s + s - l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{(j_{ik} - j_{sa}^{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{(j_i=l_i+n-D)}^{(j_i=l_i+n-D)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{(j_s=2)}^{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{(j_i=l_s+s-l+1)}^{(j_i=l_s+s-l+1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \right)$$

$$D \geq n - l_i \wedge l_i \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$D + l_s + s - n - 1 \leq l_i \leq i - 1 \wedge$$

$$1 - j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_z^{DST,B} S_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}^{ik}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} < j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s \leq l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz_{j_s, j_{ik}}^{DST, D} \Leftrightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l}$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$

$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$

$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \right)$

$$\begin{aligned}
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j^{sa}+j_{sa}^{ik}-j_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(j_i+l-1)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+j_{sa}-s)}^{(j_i+l-1)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})} \sum_{(j_{ik} = j_{sa}^{ik} + 1)} \sum_{(j^{sa} = j_i + n - D)} \sum_{(j_i = l_i + n - D + 1)} \frac{(l_s - l_{sa} - 1)!}{(j_s - l_s - 1)! \cdot (j_i - l_i - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} + j_{sa})!}{(j_{ik} - l_{sa} - j^{sa} - l_{ik} + 1)! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_i - l_{sa} - s)!}{(j^{sa} + j_{sa}^{ik} - j_i - l_i)! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq l_s \leq n \wedge l \neq l_s \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) - \left(\sum_{k=l} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+j_{sa}-s)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \\
 & \left(\sum_{(j_i=l_i+n-D)}^{l_s+s-l} \sum_{(j_s=2)}^{l_s+s-l} \right)^{-j_{sa}^{ik}+1} \\
 & \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=l_i+n-D}^{l_s+s-l} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-j_{sa}-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=l_s+s-l+1}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +
 \end{aligned}$$

GÜLDÜŞMÜŞA

$$\sum_{k=l}^{\binom{j_{ik}-j_{sa}^{ik}}{j_s=2}} \sum_{j_{ik}=j_{sa}^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(\quad)}{j_{sa}=j_i+j_{sa}-s}} \sum_{j_i=l_i+n-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa}^{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{sa} + s - j_{sa} - j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} - l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - l_i + 1 \Rightarrow$

$fz S_{j_s, j_{ik}, j_i}^{DS, l, l_s} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{j_{ik}=j_{sa}^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(l_{sa}-l+1)}{j_{sa}=l_{sa}+n-D}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa}^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{sa}^{ik}+1)}^{()} \right) -$$

$$\sum_{j_{ik}=j_{sa}^{ik}-j_{sa}}^{()} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n}^{()} \frac{(l_s - l)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{()} \right)$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{sa+j_{sa}^{ik}-j_{sa}-1} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_s+s-l} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{()} \sum_{(j_{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+s-l+1}^{l_i-l+1}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}=j_i + l_{sa} - l_i)} \sum_{j_i=l_i+n}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq l \leq n + 1 \wedge$$

$$D + l_s + s - n - 1 + 1 \leq l \leq i - 1 \wedge$$

$$1 < j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_i + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - 1 \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - 1 \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik}+n-D} \sum_{(j_{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=l_i+n-D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - j_{sa} = l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n \Rightarrow$$

$$fz_{j_s, j_{ik}, l_i}^{DS} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

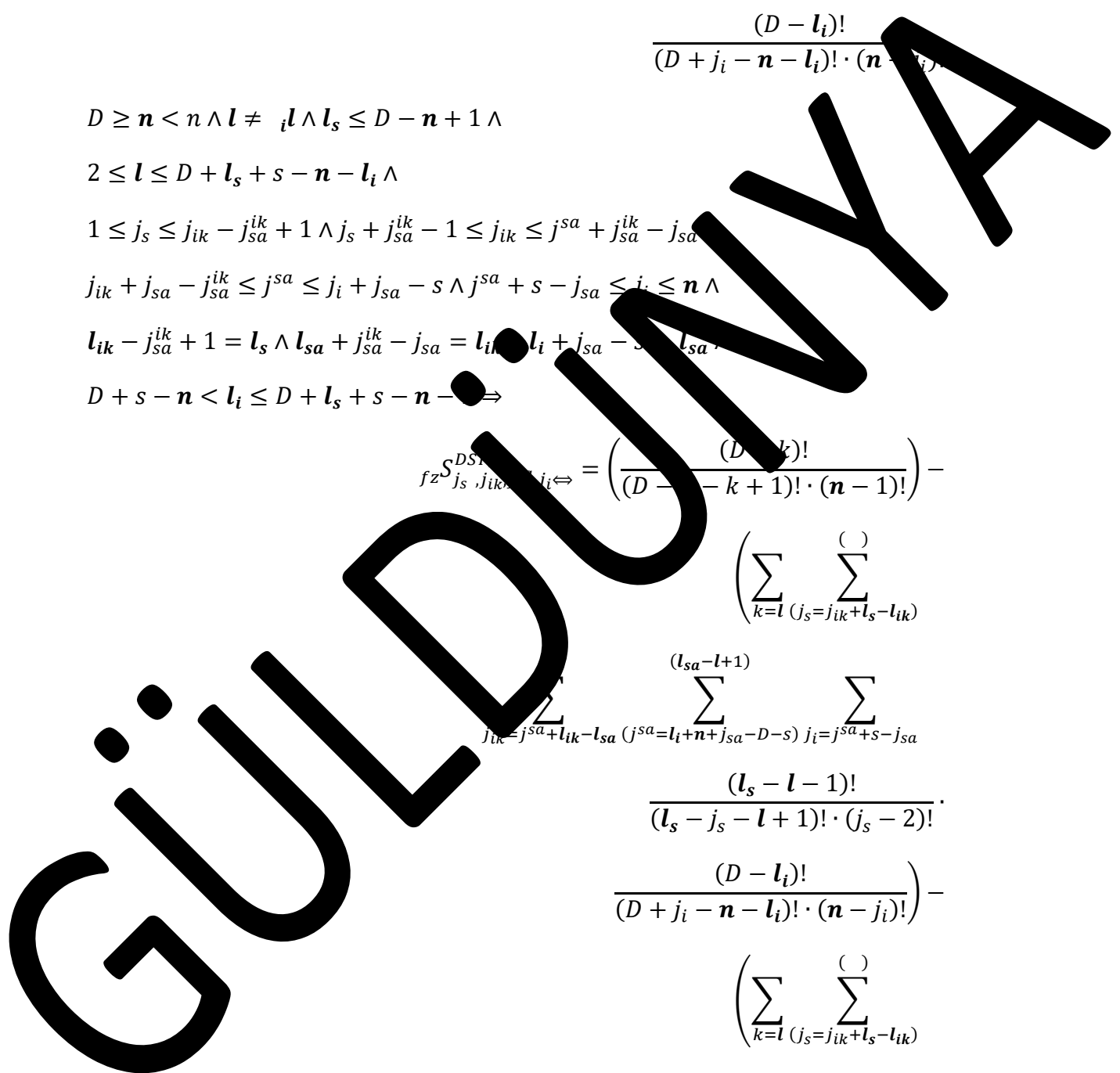
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_{sa}+1)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_s^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_s \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - j_{sa} - j_{sa}^{ik} \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - l_i \Rightarrow$

$fz^{DST,B}(j_{ik}j^{sa}, j_i) \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$

$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_s}^{l_i-l+1} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+l_i-j_s-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_i+n-j_{sa}-D-s-l_i-l+1)} \sum_{(j^{sa}=l_i+n-j_{sa}-D-s-l_i-l+1)} \sum_{j_i=l_i+n-D} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D > n < n \wedge l \neq i \wedge l \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i$$

$$1 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq l_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} + j_{sa}^{ik} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{l_i=l}^{l_i=l+1} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{l_{ik} - l + 1} \sum_{\binom{()}{j_{sa} = l_i + n + j_{sa} - D - s}} \sum_{\binom{()}{j_i = j_{sa} + l_i - l_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{sa} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l_i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_{sa} - 1 \leq j_{sa} \leq j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + l_{sa} - s \wedge j_{sa} + l_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{\binom{()}{j_{sa} = l_i + n + j_{sa} - D - s}} \sum_{\binom{()}{j_i = j_{sa} + l_i - l_{sa}}} \frac{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)!}{(l_s - l - 1)!} \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+j_{sa}-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot
 \end{aligned}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_s+n+j_{sa}^{ik}-D-1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{\binom{()}{j_{sa}=l_i+n+j_{sa}-D-s}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - 1)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{sa} - j_{ik} \leq j_i + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge$$

$$D + n < l_i \leq D + l_s + s - n - l_i$$

$$f_{s, j_{ik} j^{sa}, j_i}^{A, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{()}{j_{sa}=l_i+n+j_{sa}-D-s}}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_s+j_{sa}-l)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_i+l_{sa}-D-s)} \sum_{(j^{sa}=l_i+n-D)}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$D \geq n < n \wedge l \neq i \wedge l \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i$

$1 \leq j_s \wedge j_{ik} - j_{sa}^{ik} + 1 \leq j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_i - j_{sa} - 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\substack{(l_s+j_{sa}-l) \\ j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$\sum_{\substack{j_{ik}=j_{sa}^{ik}+1 \\ (j_s=j_{ik}+s-l_{ik})}} \sum_{\substack{(l_s+j_{sa}) \\ j^{sa}=l_i+n+j_{sa}-D-s}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\sum_{k=l}^{\binom{)}{}} \sum_{(j_s=j_{ik}+s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1} \sum_{\substack{(l_s+j_{sa}-l) \\ (l_i+j_{sa}-l-s+1) \\ j^{sa}=l_s+j_{sa}-l+1}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}} \sum_{j_{sa}=l_i+n+j_{sa}-D-s}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{\binom{l_s-l-1}{j_s-l-1}}{(j_s-l-1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$$

$$\left(\sum_{k=l} \sum_{j_s=2}^{(j_{ik}-j_{sa}^{ik})} \right)$$

$$\sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}} \sum_{j_{sa}=l_i+n+j_{sa}-D-s}^{(l_s+j_{sa}-l)} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{j_s=2}^{(l_s-l+1)} \sum_{j_{ik}=j_{sa}+l_{ik}-l_{sa}} \sum_{j_{sa}=l_s+j_{sa}-l+1}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j_{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

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$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=l_i+n+s-D-s} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_s - j_{sa}^{ik} + 1)!}{(j_s - l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=0}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j^{sa}+l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

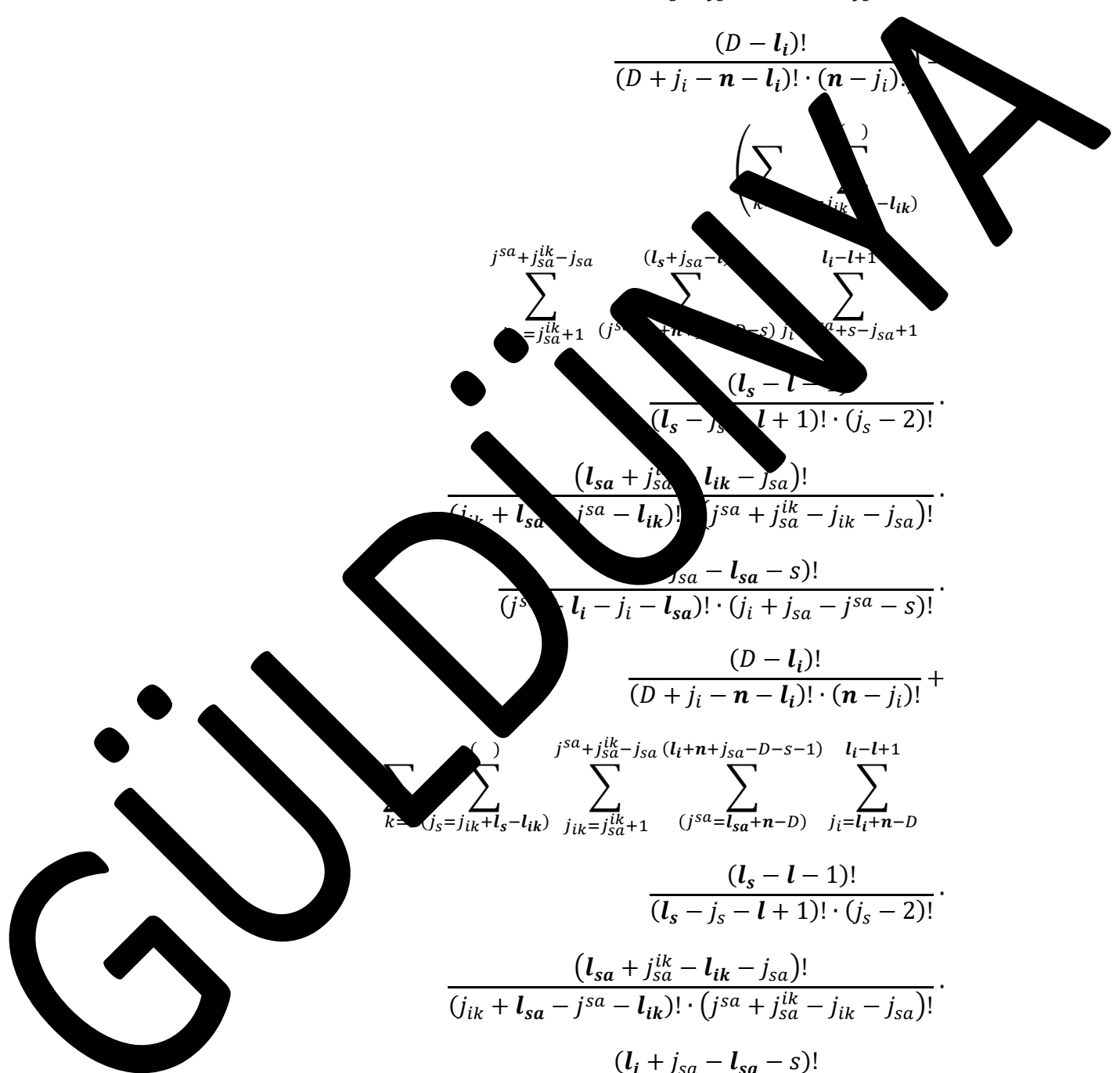
$$\sum_{k=0}^{j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{(j^{sa}+l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{l_s+j_{sa}^{ik}-l} \sum_{(l_{sa}-l+1)} \sum_{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (l_i + j_{sa} - l_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=l_{ik}+n} \sum_{(j_{sa}=l_i+l_{sa}-D-s)} \sum_{j_i=j_{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n+1 \neq l_i \wedge l_i \leq D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - l_i$$

$$1 \leq j_s - j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_{sa} + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

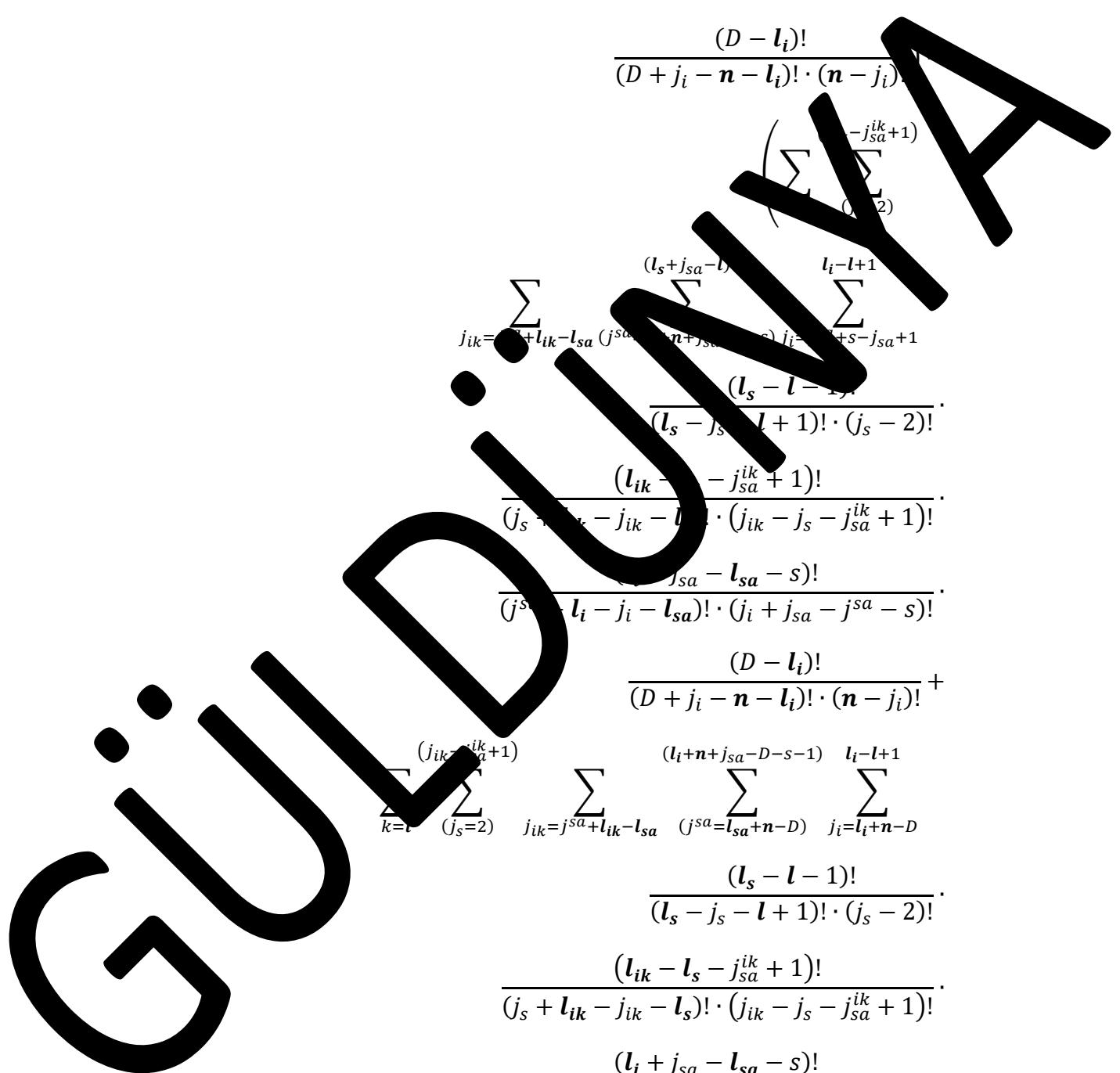
$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - j_{sa} - j_{sa} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i+n+j_{sa}-D-s-1)} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)}^{(l_i-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - l_{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-1)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=j^{sa}+l_{ik}}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j^{sa}=l_i)}^{(j_{sa}-l)} \sum_{(j_{sa}=D-s)}^{(j_{sa}-l)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n - l \neq l, l_s \leq D - n + 1,$$

$$2 \leq l \leq D + l_s + s - n - 1,$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{lk} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_{ik} + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_Z^{DST,B}_{j_s, j_{ik}, j^{sa}, j_i} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\quad)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{j_{ik}=l_{ik}+n-D}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

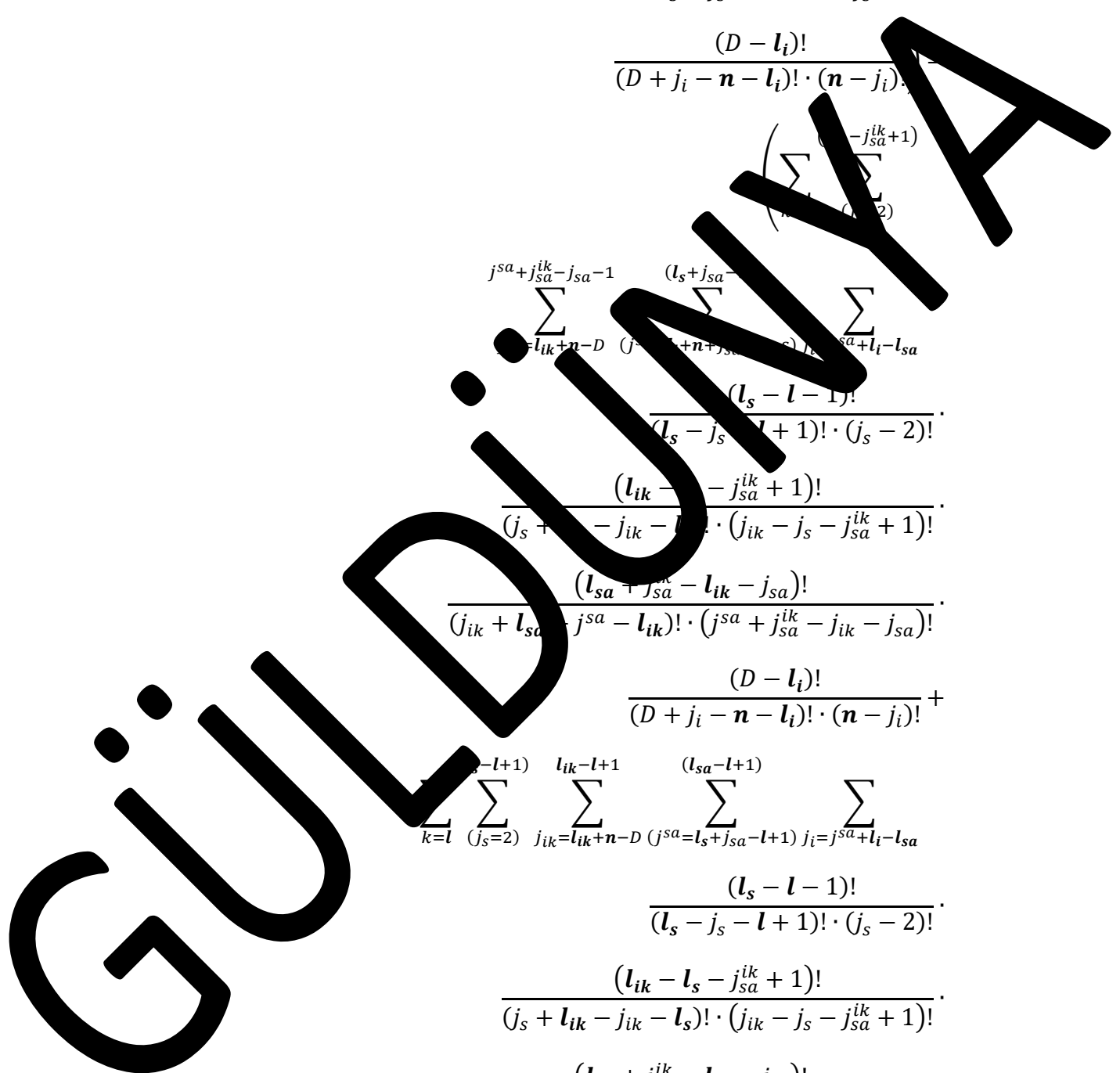
$$\sum_{k=l}^{s-l+1} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$



$$\sum_{k=l}^{\binom{j_{ik}-j_{sa}^{ik}}{j_s=2}} \sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{\substack{(l_s+j_{sa}-l) \\ (j^{sa}=l_i+n+j_{sa}-D-s) \\ j_i=j^{sa}+l_i-l_{sa}}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - j_{sa}^{ik} > l_s \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - l_i \Rightarrow$$

$$fz \sum_{j_s, j_{ik}, j_i}^{DS1} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{j_{ik}=l_{ik}+n-D} \sum_{\substack{(l_{ik}-l+1) \\ (j^{sa}=l_{sa}+n-D)}} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

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$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}} \sum_{j_i=j^{sa}+s-j_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$\sum_{j_s, j_{ik}, j_{sa}}^{DS, B} = \frac{\binom{D-l_i}{j_s} \binom{D-l_i}{j_{ik}}}{(D-l_i-j_s-k+1)! \cdot (l_i-1)!}$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}$$

$$\sum_{k=j_{sa}^{ik}+1}^{l_{sa}+j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{lk - D - s}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{(\cdot)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\cdot)}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{lk - D - s}}^{l_i - l + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{(\cdot)} \sum_{j_i = j^{sa} + s - j_{sa} + 1}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \sum_{j_{ik} = j_{sa}^{lk} + 1}^{l_i + n + j_{sa}^{lk - D - s - 1}} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{(\cdot)} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

GÜLDÜNYA

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{l_{ik}-l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_i=j^{sa}+l_i-l_{sa})} \right) \cdot$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s=j_{ik}+l_s-l_{ik})} \sum_{(j_i=j^{sa}+l_i-l_{sa})}^{(l_i+j_{sa}-l-s+1)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

GÜLDÜZYA

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s - l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - l_i + 1 \Rightarrow$

$fz S^{DS1} j_s, j_{ik}, j_i \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\sum_{k=l}^{l_{ik}-l+1} \binom{()}{j_s=j_{ik}+l_s-l_{ik}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \binom{()}{j_{sa}=j_{sa}-j_{sa}^{ik}} \frac{(l_s - l - 1)!}{(j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\sum_{k=l}^{l_{ik}+1} \binom{()}{j_s=j_{ik}+l_s-l_{ik}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(l_{sa}-l+1)} \binom{()}{j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{l_{ik}+1} \binom{()}{j_s=j_{ik}+l_s-l_{ik}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \binom{()}{j_{sa}=l_{sa}+n-D} \sum_{j_i=l_i+n-D}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_{ik}-l+1} \sum_{\binom{()}{j_{sa}=j_{ik}+j_{sa}^{ik}}} \sum_{j_i=j_{sa}^{ik}-j_{sa}+1}^{-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} - l)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s - j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + j_{sa} \leq l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{\binom{()}{j_{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j_{sa}^{ik}-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j_{ik}+s-j_{sa}+1}^{l_i-l+1}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{sa}^{ik}=j_{sa}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$D \geq n \wedge n \wedge l \neq i \wedge l \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + s - n - l_i \wedge$$

$$1 \leq j_s = j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right. \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \left. \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_i+n+j_{sa}^{ik}-D-s-1} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()} \right. \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right)$$

GÜLDÜMBA

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=l_s+n-D)} \right)$$

$$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{sa}, j_{ik}}^{S, B} = \frac{(n - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{l+1} \sum_{(j_s=2)}^{l+1} \sum_{=l_{ik}+n-D}^{l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}^{(\quad)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_s - l_i)!}{(l_i - n - l + 1)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\quad)} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(\quad)} \sum_{j_i = j^{sa} + s - j_{sa}}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\quad)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\quad)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_i + n + j_{sa}^{ik} - D - s - 1} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)} \sum_{j_i = l_i + n - D}^{l_i - l + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} + l_s - l_{ik}}} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{\binom{()}{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}} \sum_{j_i = j^{sa} + s - j_{sa} + \dots}^{l_i - l + 1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{ik}^{ik} < j_{ik} \leq j_{sa}^{ik} + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - j_{sa} - j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} = l_{ik} \wedge l_{sa} + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq l_i + l_s + s - n - \dots \Rightarrow$$

$$f_{j_{ik} j^{sa} j_i}^{A, T, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{\binom{()}{j_s = j_{ik} - j_{sa}^{ik} + 1}} \right)$$

$$\sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{l_s + j_{sa}^{ik} - l} \sum_{\binom{()}{j^{sa} = j_{ik} + l_{sa} - l_{ik}}} \sum_{j_i = j^{sa} + s - j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)} \right) \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_s}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_s+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=l_i+n-D}^{l_i+n+j_{sa}^{ik}-D-s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=l_i+n-D}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

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$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{(j_i=j^{sa}+s-j_s)}^{(j_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - j_{ik} \leq j_i + j_{sa}^{ik} - j_i \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} + j_{sa} - s = l_{sa} \wedge$

$D + n < l_i \leq D + l_s + s - n - l_i$

$f_{s,j_{ik},j^{sa},j_i}^{A,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(j_s - l - 1)!} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(j_s - l - 1)!} \right)$

$\sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j_i=j^{sa}+l_i-l_{sa})} \sum_{(j_s - l - 1)!} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=l_s+n-D)}^{(l_{sa}-l+1)} \right) \\
 & \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{l_s+j_{sa}^{ik}-l} (j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1) \sum_{j_i=j_{sa}^{sa}+l_i}^{(l_{sa}-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{l_i+j_{sa}^{ik}-D-s-1} \sum_{(j_{sa}=l_i+j_{sa}-D-s)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j_{sa}-l_{ik})! \cdot (j_{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(l_{sa}-l+1)} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j_{sa}^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}
 \end{aligned}$$

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$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_s + j_{sa}^{ik} - l} \sum_{j_{ik}=l_i+n+j_{sa}^{ik}-D-s}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(j_i=j^{sa}+l_i-l_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_s - 1 \leq j_{ik} + j_{sa}^{ik} -$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + l_s - s \wedge j^{sa} + l_i - j_{sa} \leq j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_i \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_s \leq j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D - l_s + s - n - 1$

$\sum_{j_s, j_{ik}, j^{sa}, j_i}^{A, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(l_{sa} - l - j_{sa} + 2)} \sum_{(j_s=l_i+n-D-s+1)}^{(j_s=l_i+n-D-s+1)} \right)$

$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_i=j^{sa}+s-j_{sa})}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Bigg) -$

$$\left(\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{sa}-l-j_{sa}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j_{sa}+s-j_{sa}-1}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+l_{sa}-j_{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_i+n-s)} \sum_{(j_s=2)}^{(l_i+n-s)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=l_i+n-D}^{(l_i-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j_{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j_{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l_i \neq l \wedge l_i \leq D - n + 1 \wedge$$

$$D + l_s + s - n - 1 + 1 \leq l_i - 1 \wedge$$

$$1 \leq j_s = j_{ik} - j_{sa} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j_{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa} \leq j_{sa} \leq l_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_i - j_{sa} - 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n - l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$f_{z}^{DST,B} S_{j_s, j_{ik}, j_{sa}, j_i}^{\Leftrightarrow} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(l_{sa}-l-j_{sa}+2)} \sum_{(j_s=2)}^{(l_{sa}-l-j_{sa}+2)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - l)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_i \leq j^{sa} + j_{sa} - l_{sa}$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_s \leq j_i \leq j^{sa} + j_{sa} - l_{sa}$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - l_{sa} = l_s$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz_{j_s, j_{ik}}^{DST, j_i} \Leftrightarrow \left(\frac{(D - k)!}{((D - n - k + 1)! \cdot (n - 1)!)} \right) -$

$\left(\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \right)$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$$

$\left(\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \right)$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=l_i+n-D-s}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq l_i - n + 1 \wedge$$

$$D + l_s + s - n + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} + j_{sa} + 1 \wedge j_i + j_{sa} - 1 \leq j^{sa} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - j^{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n + 1 \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_{ik}+l_{sa}-l_{ik}}} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_i, j_{ik}, j_{sa}, j_i}^{DST, l} = \left(\frac{\binom{l_i - j_{sa}^{ik}}{(D - j_i - k + 1)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + l_{ik} - l_s} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s = l_i + n - D - s + 1)} \right)$$

$$\sum_{j_{ik} = j_s + l_{ik} - l_s} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_i+j_{sa}-l-s+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+l_i-l_s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + l_{ik} - l_s \leq j_{ik} \leq j_s + j_{sa}^{ik} - i \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i \wedge j_{sa} - s \wedge j^{sa} + l_{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_{sa} - j_{sa} - s = l_{sa} \wedge$$

$$D + l_s + s - n < l_i \leq D - l_s + s - n - l_i + 1$$

$$\sum_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+l_i-l_s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

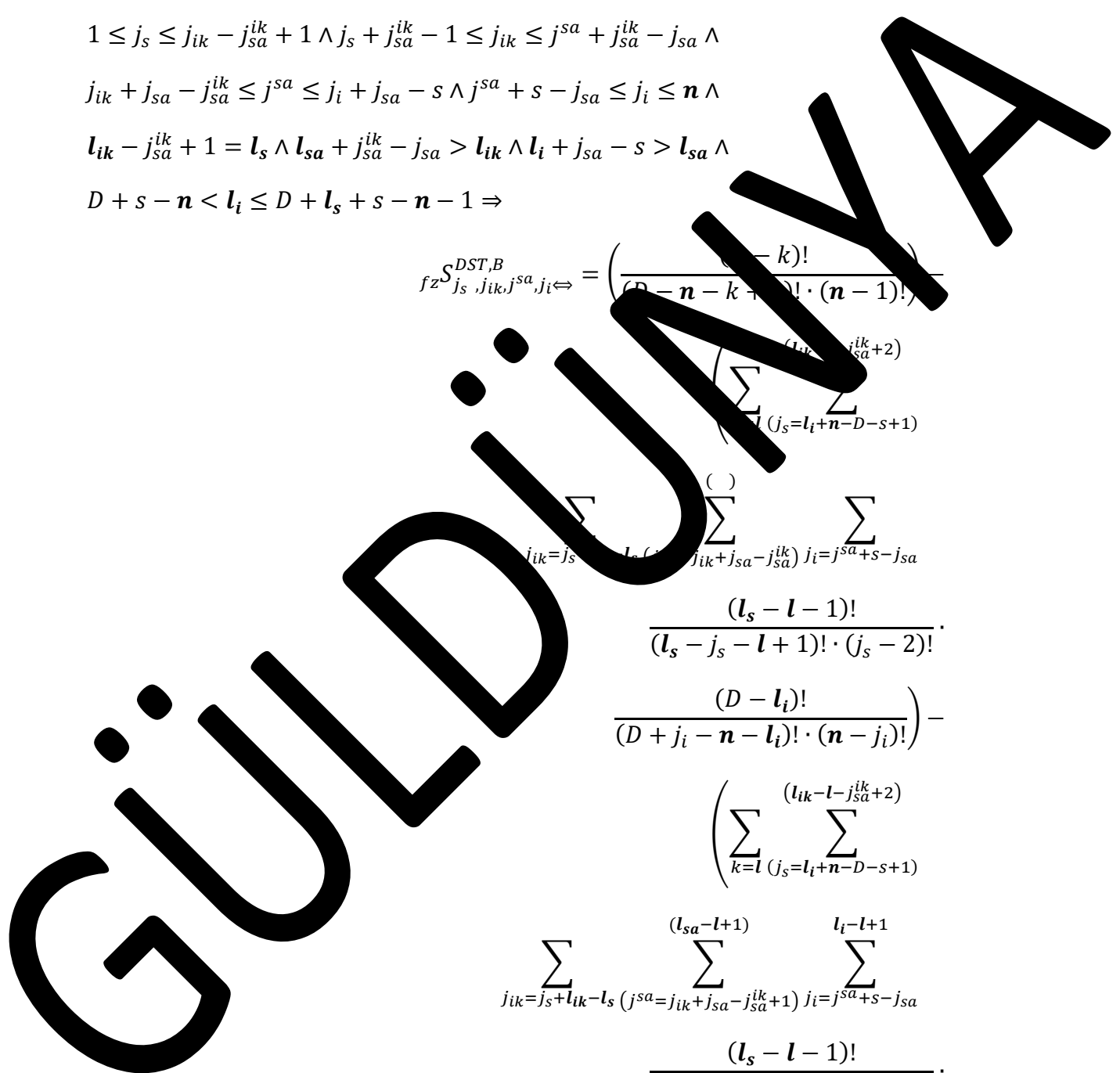
$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - n - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{j_s=l_i+n-D-s+1}^{(l_{ik}-j_{sa}^{ik}+2)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_{sa}-j_{sa}^{ik}+2)} \right) \cdot \left(\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l-1)} \sum_{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}^{(l_s-j_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(j_s-2)} \right) \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_s=l_i+n-D-s+1}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \right) \cdot \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\begin{aligned}
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_i-l+1)} \sum_{j_i=l_i+n-} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j_i + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(l_{sa} - l - 1)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_i+l_i+n-D-s+1)}^{(l_{ik}-l-j_{sa}^{ik}+1)} \sum_{j_s+l_{ik}}^{(l_{ik}-l-j_{sa}^{ik}+1)} \sum_{(j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}+1} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\
 & \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n - l_i \neq l_i \wedge l_i \leq D - n + 1 \wedge$$

$$D - n - l_i + 1 \leq l_i \leq l_i - 1 \wedge$$

$$1 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=l_i+n-D}^{l_i-l+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_s - j_{sa})!}$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_s + j_{sa} - j^{sa} - s)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{ik} - l_{ik} < j_{ik} \leq j_s + j_{sa}^{ik} - j_s \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i - l_{sa} - s \wedge j^{sa} - j_{sa} - j_i \leq n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_s = l_{ik} \wedge l_i - j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - l_i \Rightarrow$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} - \right.$$

$$\left(\sum_{k=l} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right.$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\quad)} \sum_{j_i=j^{sa}+s-j_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left. \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l+1)} (j^{sa}=j_{ik}+l_{sa}-l_{ik}) \sum_{j_i=j^{sa}+s-j_{sa}-1}^{(l_s-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_i+n-s)} \sum_{(j_s=2)}^{(l_i+n-s)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_i+n-s)} (j^{sa}=j_{ik}+l_{sa}-l_{ik}) \sum_{j_i=l_i+n-D}^{(l_i+n-s)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n+1 \neq l \wedge l \leq D-n+1 \wedge$$

$$2 \leq l \leq D+l_s+s-n-l_i$$

$$1 \leq j_s \leq j_{ik}-j_{sa}+1 \wedge j_s+j_{sa}-1 \leq j_{ik} \leq j^{sa}+j_{sa}^k-j_{sa} \wedge$$

$$j_{ik}+j_{sa}-j_s \leq j^{sa} \leq j_{ik}+j_{sa}-s \wedge j^{sa}+s-j_{sa} \leq j_i \leq n \wedge$$

$$l_i+j_{sa}-1 = l_s \wedge l_{sa}+j_{sa}^k-j_{sa} > l_{ik} \wedge l_i+j_{sa}-s = l_{sa} \wedge$$

$$D+s-n-l_i \leq D+l_s+s-n-1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\begin{aligned}
 & \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot \\
 & \left(\sum_{k=l}^{\binom{()}{k=l}} \sum_{\binom{()}{j_s=2}} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{()}{j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \right. \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \left. \sum_{k=l}^{\binom{()}{k=l}} \sum_{\binom{()}{j_s=2}} \sum_{\binom{()}{j_s=2}} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{\binom{()}{j^{sa}=l_i+n+j_{sa}^{D-s}}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \right) \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D - n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right) \cdot \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(l_s - l + 1)} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{(l_s - l + 1)} \sum_{(j_i = j_{sa} + l_i - l_{sa})}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_i + n - D - s + 1)}^{(l_s - l + 1)} \right) \cdot \sum_{j_{ik} = j_s + j_{sa}^{ik} - l - s + 1}^{(l_s - l + 1)} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{(l_s - l + 1)} \sum_{(j_i = j_{sa} + l_i - l_{sa})}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i + n - D - s)} \sum_{(j_s = 2)}^{(l_i + j_{sa}^{ik} - l - s + 1)} \sum_{j_{ik} = l_i + n + j_{sa}^{ik} - D - s}^{(l_i + j_{sa}^{ik} - l - s + 1)} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{(l_s - l + 1)} \sum_{(j_i = j_{sa} + l_i - l_{sa})}^{(l_s - l + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{(j_s=2)}^{j_{sa}^{ik} - l - s + 1} \sum_{(j_s=2)}^{(j_s - l + 1)} \sum_{(j_s=2)}^{(j_s - l + 1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right) \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(\cdot)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \cdot \\
 & \left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right) \\
 & \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_s-l+1)} \sum_{j_i=j^{sa}+s-j_{sa}}^{(l_s-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_s-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s-l+1)} \sum_{j_i=l_i+n-D}^{(l_s-l+1)} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \\
 & \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot
 \end{aligned}$$

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$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+s-j_{sa}+1}^{l_i-l+1} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} +$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-l_{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq j^{sa} + j_{sa} - s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} - l_i + j_{sa} - s > l_{sa} \wedge$

$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$

$fz_{i,ik,j^{sa}}^{DST,B} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$

$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+s-j_{sa}}$

$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot$

$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} -$

$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+s-j_{sa}}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s)} \sum_{(j_s=2)}^{l_{ik}} \sum_{(j^{sa}=j_{ik}+n-D)}^{()} \sum_{(j_i=j^{sa}+s-j_{sa})}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i+n-D-s+1)} \sum_{(j_s=l_i+n-D-s+1)}^{()} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{(j_i=j^{sa}+s-j_{sa}+1)}^{l_i-l+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j^{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

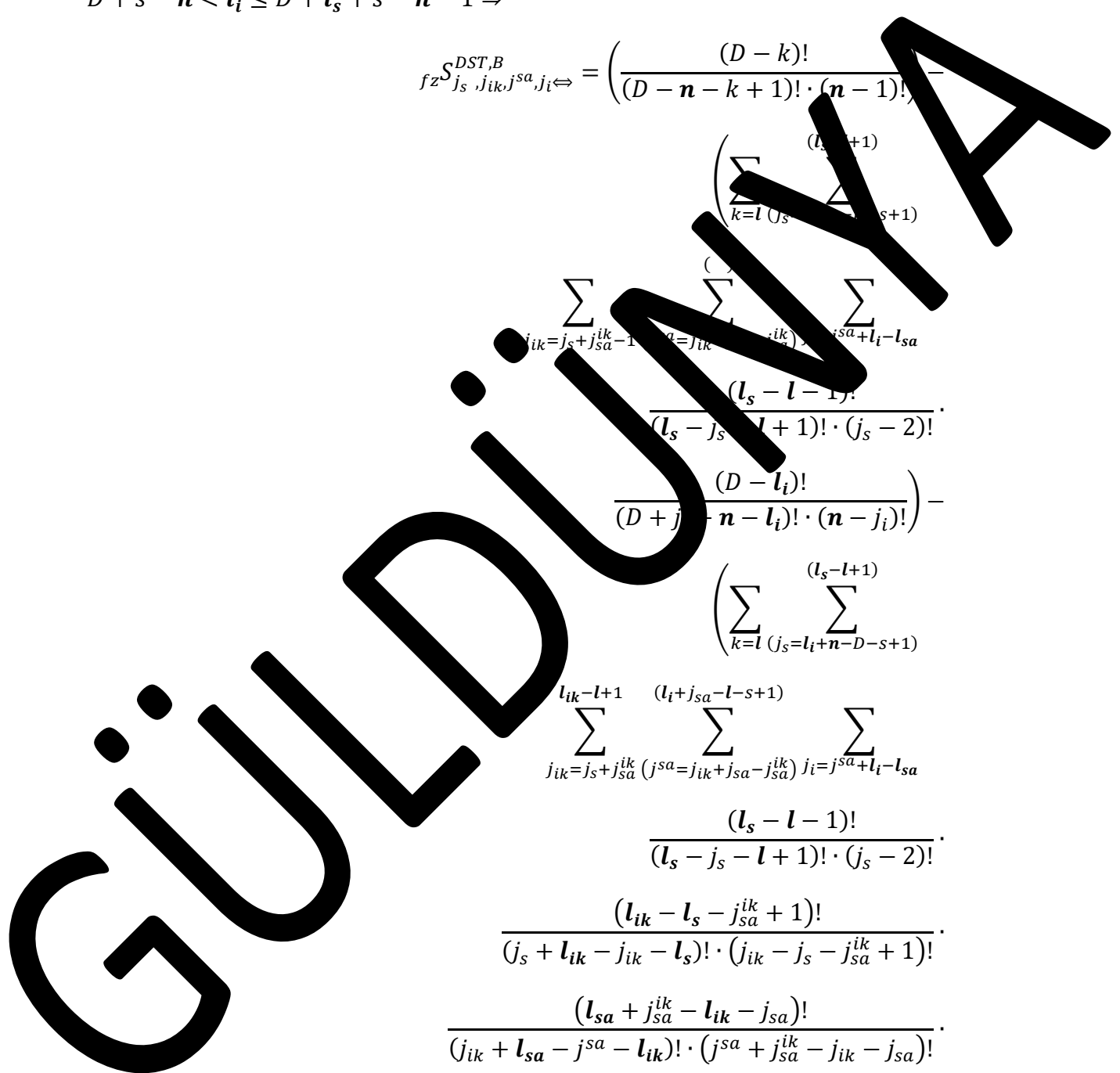
$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = k}^{(j_s - s + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik} - 1}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{j^{sa} = j_{ik}}^{(j^{sa} + l_i - l_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{j_s = l_i + n - D - s + 1}^{(j_s - s + 1)} \sum_{j_{ik} = j_s + j_{sa}^{ik}}^{(l_{ik} - l + 1)} \sum_{j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik}}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_i + n - D - s)} \sum_{j_s = 2}^{(j_s - 2)} \sum_{j_{ik} = l_{ik} + n - D}^{(l_{ik} - l + 1)} \sum_{j^{sa} = l_i + n + j_{sa} - D - s}^{(l_i + j_{sa} - l - s + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$



$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_i+j_{sa}-l-s+1)} \sum_{j_i=j^{sa}+l_i}^{(l_i+j_{sa}-l-s+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \cdot \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq l - n + 1 \wedge$$

$$D + l_s + s - n + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge i + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - 1 \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n + 1 \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=l_i+n-D-s+1)}^{(l_s-l+1)} \right)$$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_i+j_{sa}-l-s+1)} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)} \sum_{j_i=j^{sa}+l_i-l_s} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} - l_s - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_s \leq j_i + j_{sa} - s - j_{sa} + j_{sa}^{ik} - j_{sa} \leq j_i \leq n \wedge$$

$$l_s - j_{sa}^{ik} + 1 \leq l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\)} \right)$$

$$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}}^{(\)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{ik}+s-l-j_{sa}^{ik}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_{sa}+s-l-j_{sa}^{ik}}^{l_{ik}+s-l-j_{sa}^{ik}} \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_{ik}+s-l-j_{sa}^{ik}+1}^{l_{sa}+s-l-j_{sa}^{ik}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n - l_i \wedge l_i \neq i \wedge l_i \leq D - n + 1 \wedge$$

$$D + l_s + s - l_i \leq l_i \leq i \wedge l_i - 1 \wedge$$

$$1 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s j_{ik} j^{sa} j_i}^{DST,B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa} - j_{ik} + j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_s \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa}^{ik} - j_{sa} + j^{sa} + s - j_{sa} \leq j_i \leq j_s \wedge$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik} - j_{sa} + j_{sa} \wedge l_{sa} \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s + s - n - 1 =$

$fz S_{j_s}^{S_{j_s} B} j_i \Leftrightarrow = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \right)$

$\sum_{j_{ik}=j_{sa}^{ik}+j_{sa}^{ik}-j_{sa}}^{(\cdot)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$$\left(\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \right)$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+n+s-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(j_i - n - l_i)! \cdot (n - j_i)!}{(j_i - l_i)!}$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{()} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_s+n+s-D}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l_s \leq D - n \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} + j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa}^{ik} - j_{sa} \leq j_i \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + j_{sa} = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$j_i + j_{sa} - s < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{()} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()}$$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - s \leq l_{sa} \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 =$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)} \right)$

$\sum_{j_{ik}=j_{sa}^{ik}+l_{ik}-l_{sa}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \cdot$

$\left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \right)$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_s+s-l} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}}} \sum_{j_i=l_s+s-l+1}^{l_s+l_i-1} \frac{(l_s-l)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - 1 + 1 \leq l \leq i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} - 1 > l_s \wedge l_{sa} - j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n - 1 \leq l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} -$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j^{sa}+l_{ik}-l_s} \sum_{\binom{(\cdot)}{j^{sa}=j_i+l_{sa}-l_i}} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - j_{sa}^{ik} > l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$$

$$f_z^{S_{j_s, j_{ik}, j_i}^{D, l_s, l_i}} = \left(\frac{(D - k)!}{(D - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right)$$

$$\sum_{(j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa})}^{(\cdot)} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}^{l_s+s-l}$$

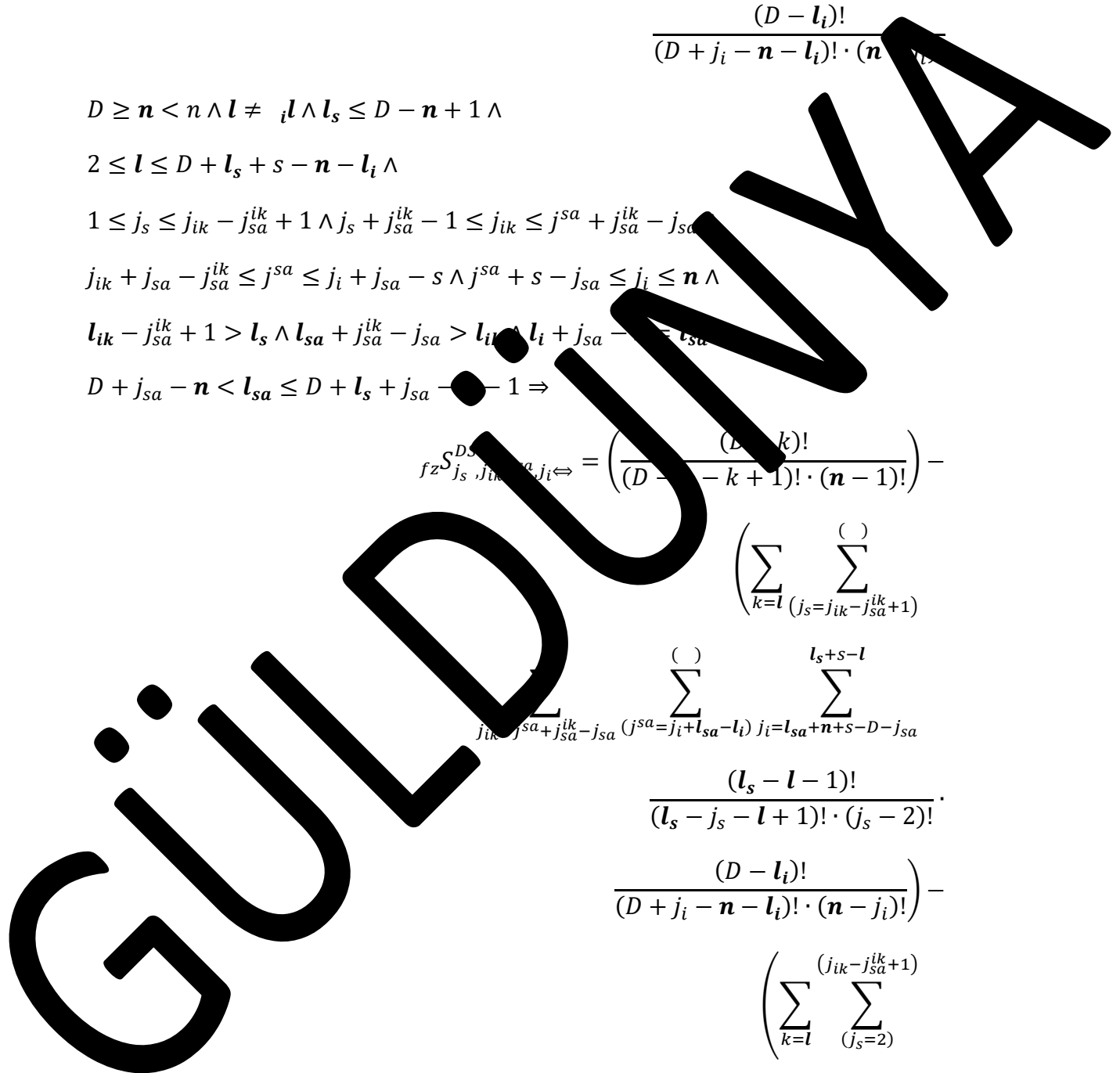
$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(\cdot)} \right)$$

$$\sum_{(j_{ik}=l_{ik}+n-D)}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{(\cdot)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}^{l_s+s-l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$



$$\begin{aligned}
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \\
& \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=l_{ik}+n-D}^{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{(j_i=l_s+l_{sa}-l+1)}^{(l_s - l - j_{sa} + 1)} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
& \sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik}=j_{sa}^{ik} - j_{sa}}^{(j^{sa}=j_i+l_{sa}-l_i)} \sum_{(j_i=l_{sa}+n+s-D-j_{sa})}^{l_s+s-l} \\
& \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
& \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
& \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
\end{aligned}$$

$$D \geq n < l, l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{j_{ik} = l_{ik} + n - D}^{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_{sa} + n + s - D}^{(l_{sa} + s - l - j_{sa} + 1)} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa} + 1)!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa} - j_{ik} - j_{sa})!} \cdot \frac{(D - k)!}{(D + j_s - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s \leq j_{sa}^{ik} - 1 \leq j_{ik} - j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} - j_{sa}^{ik} + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot$$

$$\left(\sum_{k=l} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{()} \right)$$

$$\sum_{j_{ik} = j^{sa} + j_{sa}^{lk} - j_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{lk} + 1)} \sum_{(j^{sa} = l_{sa} + n - D)} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} - \left(\sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{j_{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}}^{(l_{ik}+j_{sa}-l-j_{sa}^{ik}+1)} \frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \sum_{k=l}^{(\cdot)} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-l+1} \sum_{(j^{sa}=l_{ik}+l-l-j_{sa}^{ik}+2)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n - l \wedge l \neq i \wedge l \leq D - n + 1 \wedge D + l + s - 1 \leq l \leq i - 1 \wedge 1 - j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$f_z^{DST,B} S_{j_s, j_{ik}, j^{sa}, j_i}^{\Leftrightarrow} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{l_{ik}-l+1}^{j_{ik}=j_{sa}^{ik}+1} \sum_{(l_{sa}-l+1)}^{j^{sa}=l_{sa}+n-D} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa}^{ik} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s = l_{sa} \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 =$

$fz_{j_s, j_{ik}, j^{sa}}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$

$\sum_{j_{ik}=j^{sa}+j_{sa}^{ik}-j_{sa}} \sum_{(l_s+j_{sa}-D)}^{j^{sa}=l_{sa}+n-D} \sum_{j_i=j^{sa}+l_i-l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$

$\left(\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \right)$

$$\sum_{j_{ik}=j_{sa}^{ik}+1}^{j^{sa}+j_{sa}^{ik}-j_{sa}-1} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_s+j_{sa}-l)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{l_s+j_{sa}^{ik}-l} \sum_{(j_s=l_s+j_{sa}-l)}^{(l_s-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + s - n - l_i - 1 \leq l \leq i - 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} - j_{sa}^{ik} - j_{sa} \leq j^{sa} + j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$j_{ik} - j_{sa}^{ik} - 1 = l_s \wedge l_{sa} \wedge j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_i - n < l_s + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{()} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz \sum_{i_{ik}, j_{sa}, j_i}^{DST, B} \left(\frac{(D - l_i)!}{(D - l_i - k + 1)! \cdot (l_i - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j_{sa} = l_{sa} + n - D)} \sum_{j_i = j_{sa}^{ik} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

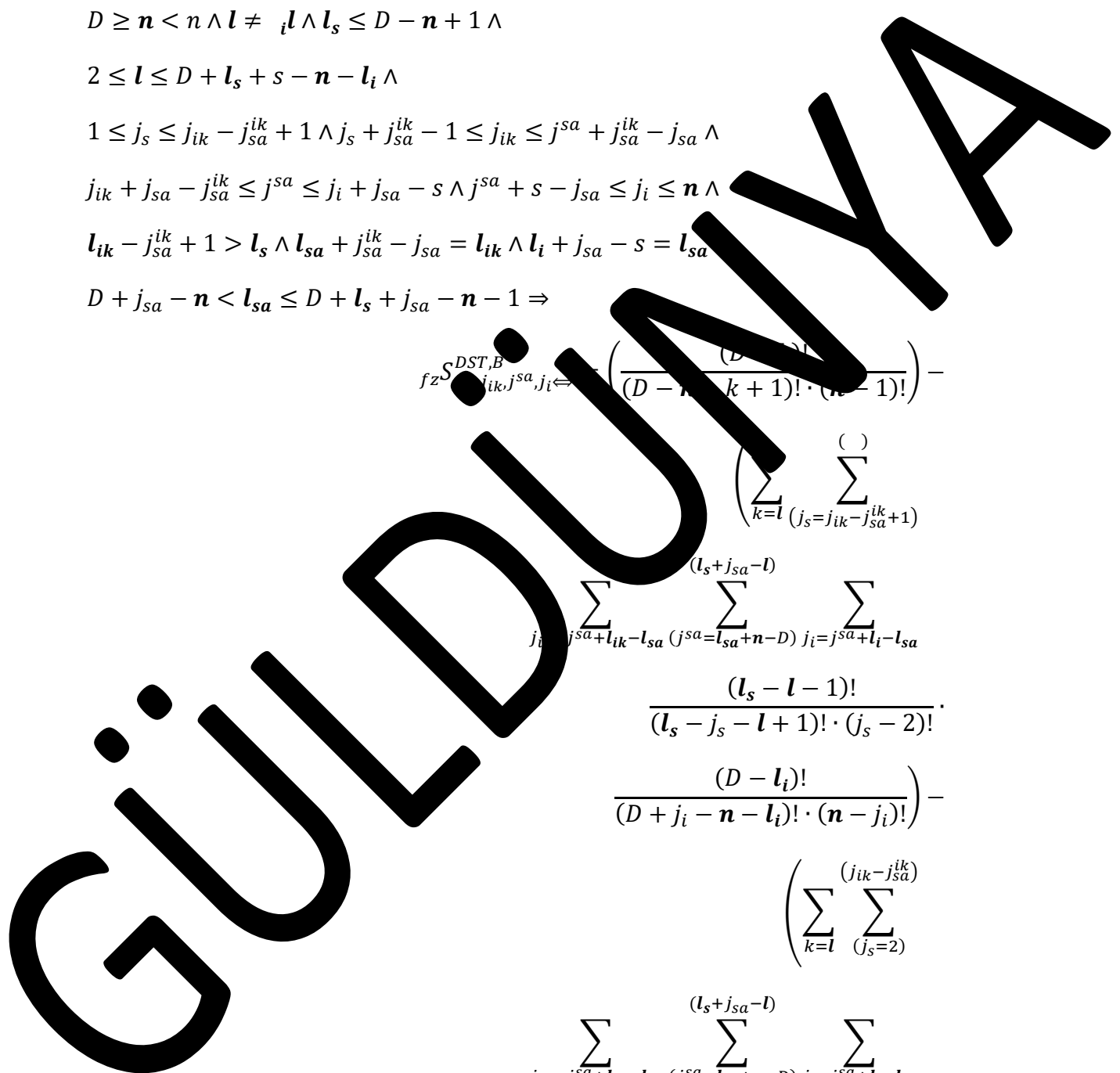
$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

$$\sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j_{sa} = l_{sa} + n - D)} \sum_{j_i = j_{sa}^{ik} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_s+j_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq i \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} = l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s - j_{sa} - n - 1$$

$$\sum_{i_s, j_s}^{DST, B} j_i \Leftrightarrow = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_s=2)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

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$$\left(\sum_{k=l}^{(l_s + j_{sa} - l)} \sum_{(j_s = j_{sa} - j_{sa}^{ik} + 1)}^{(j_s)} \sum_{j_{ik} = j_{sa} + j_{sa}^{ik} - j_{sa}}^{(j_{sa} = l_{sa} + n - D)} \sum_{j_i = j_{sa} + l_i - l_{sa}}^{(j_i = j_{sa} + l_i - l_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik} + 1)} \sum_{(j_s = 2)}^{(j_s)} \sum_{j_{ik} = l_{ik} + n - D}^{(j_{sa} = l_{sa} + n - D)} \sum_{j_i = j_{sa} + l_i - l_{sa}}^{(j_i = j_{sa} + l_i - l_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right) +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = 2)}^{(j_s)} \sum_{j_{ik} = l_{ik} + n - D}^{(j_{ik} = l_{ik} + n - D)} \sum_{(j_{sa} = l_s + j_{sa} - l + 1)}^{(j_{sa} = l_s + j_{sa} - l + 1)} \sum_{j_i = j_{sa} + l_i - l_{sa}}^{(j_i = j_{sa} + l_i - l_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \sum_{j_{ik}=j_{sa} + j_{sa}^{ik} - j_{sa}} \sum_{(j_{sa}=l_{sa} - D)} \sum_{(j_i=j_{sa} + l_i - l_{sa})}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq l_s + n + 1 \wedge$$

$$2 \leq l \leq D + l_s + n - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_i + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - 1 \wedge j_{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n - l_{sa} \leq D - l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s j_{ik} j_{sa} j_i}^{DST,B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=j_{ik}+l_s-l_{ik})} \binom{()}{()}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \binom{()}{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{l_{ik}-l+1} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \frac{(l_{sa}+j_{sa}^k - l_{ik})!}{(j_{ik} + l_{sa} - j_{sa}^k - l_{ik})! \cdot (j_{sa}^k + j_{sa}^k - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$

$$\sum_{k=l}^{l_{ik}-l+1} \sum_{(j_s=j_{ik}+l_s-l_{ik})}^{(j_s=j_{ik}+l_s-l_{ik})} \frac{(l_{sa}+j_{sa}^k - l_{ik})!}{(j_{ik} + l_{sa} - j_{sa}^k - l_{ik})! \cdot (j_{sa}^k + j_{sa}^k - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$D > n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D - s + s - n - l_i \wedge$$

$$j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{l_s + j_{sa}^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik})}^{(\cdot)} \sum_{j_i = j^{sa} + l_i - l_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \right)$$

$$\sum_{j_{ik} = l_{sa}}^{l_s - j_s^{ik} - l} \sum_{(j^{sa} = j_{ik} + j_{sa} - j_{sa}^{ik} + 1)}^{(\cdot)} \sum_{j_i = j^{sa} + l_i - l_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(\cdot)} \sum_{(j_s = j_{ik} + l_s - l_{ik})}^{(\cdot)} \sum_{j_{ik} = j_{sa}^{ik} + 1}^{l_{sa} + n + j_{sa}^{ik} - D - j_{sa} - 1} \sum_{(j^{sa} = l_{sa} + n - D)}^{(l_{sa} - l + 1)} \sum_{j_i = j^{sa} + l_i - l_{sa}}^{(\cdot)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$f_z^{DST,B} \mathcal{S}_{j_s, j_{ik}, j^{sa}, j_i} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1) \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik}+1)} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(j_s)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(j_s)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik}-j_{sa}^{ik})} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \right)$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(j_s)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(j_s)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i \wedge l - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} - l_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} - l_i + j_{sa} - s - l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_i}^{DS1} \Leftrightarrow = \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l}^{\binom{l_s-l+1}{j_s=2}}$$

$$\sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

$$\frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!}$$

$$\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

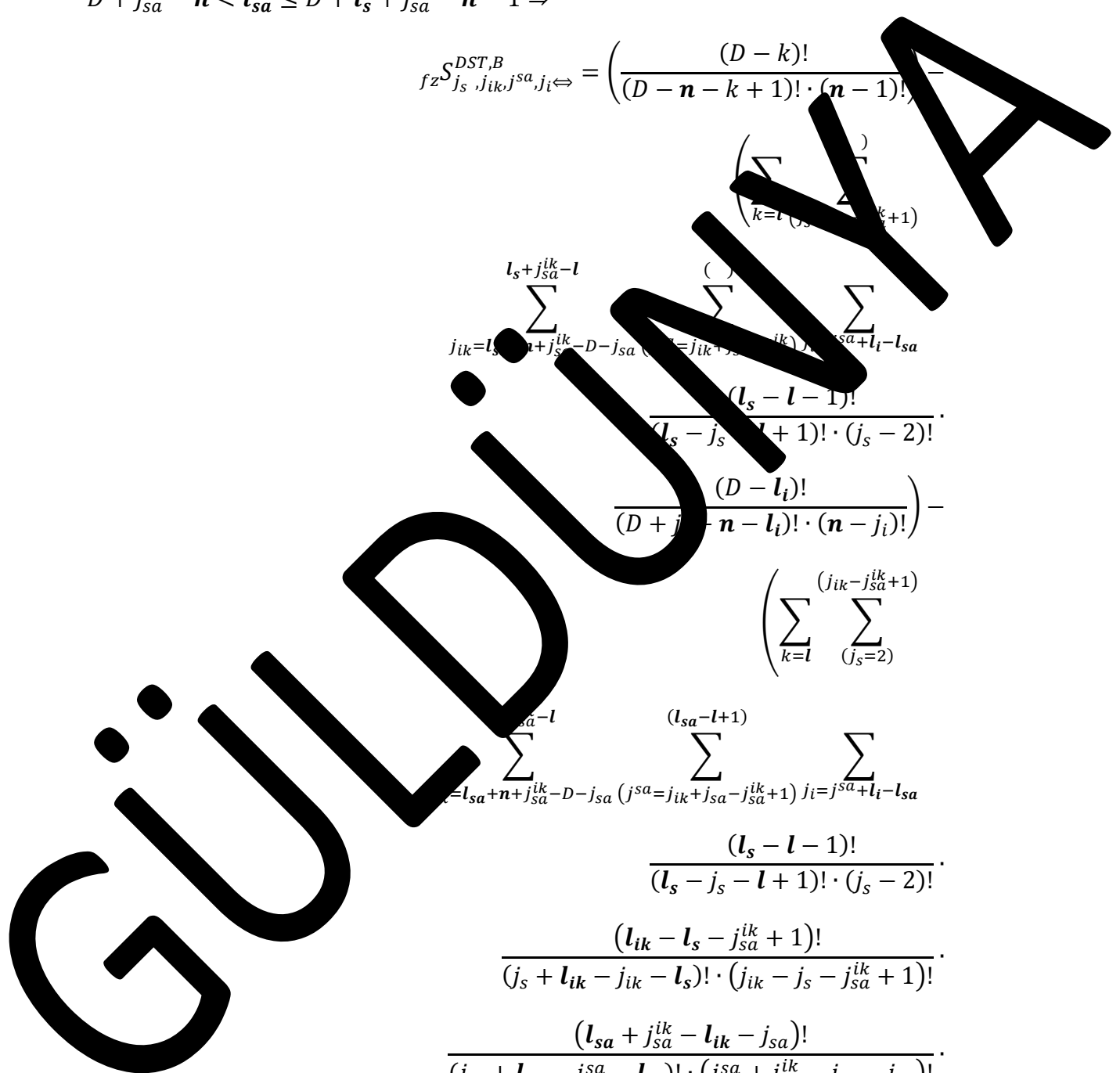
$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{j_s} \binom{j_s}{k} \binom{j_s - k}{k+1} \right) \cdot \left(\sum_{j_{ik}=l_s}^{l_s + j_{sa}^{ik} - l} \sum_{j_{sa}^{ik}=j_{sa}^{ik} - D - j_{sa}}^{j_{sa}^{ik} - D - j_{sa}} \binom{l_s + j_{sa}^{ik} - l}{j_{sa}^{ik} - D - j_{sa}} \binom{j_s - k}{j_{sa}^{ik} - D - j_{sa}} \binom{j_s - k}{j_{sa}^{ik} - D - j_{sa}} \sum_{j_i=j^{sa} + l_i - l_{sa}}^{j^{sa} + l_i - l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) \cdot \left(\sum_{k=l}^{j_{ik} - j_{sa}^{ik} + 1} \sum_{j_s=2}^{j_s} \binom{j_{ik} - j_{sa}^{ik} + 1}{k} \binom{j_s}{j_s} \right) \cdot \left(\sum_{j_{sa}^{ik}=l_{sa} + n + j_{sa}^{ik} - D - j_{sa}}^{j_{sa}^{ik} - l} \sum_{j^{sa}=j_{ik} + j_{sa} - j_{sa}^{ik} + 1}^{(l_{sa} - l + 1)} \sum_{j_i=j^{sa} + l_i - l_{sa}}^{j_i} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) +$$



$$\begin{aligned}
 & \sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik}+1)} l_{sa+n+j_{sa}^{ik}-D-j_{sa}-1} \sum_{j_{ik}=l_{ik}+n-D}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_s+j_{sa}^{ik}-1}^{l_{ik}-l+1} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\
 & \sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-j_{sa}^{ik})} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \\
 & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \\
 & \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \\
 & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik} j^{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (k-1)!} \right) \left(\sum_{k=l}^{l_s-l-j_{sa}^{ik}+2} \sum_{j_s=l_{sa}+n-D-j_{sa}+1}^{l_s-l-j_{sa}^{ik}+2} \right) \left(\sum_{j_{ik}=j_s+l_{ik}-l_s}^{l_s-l} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})} \right) \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \left(\frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \left(\sum_{k=l}^{(l_{ik}-l-j_{sa}^{ik}+2)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_{ik}-l-j_{sa}^{ik}+2)} \right) \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)}$$

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$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - j_{sa}^{ik} > l_{sa}$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - 1 \Rightarrow$$

$$fz S_{j_s, j_{sa}, j_i}^{A, B} = \frac{(n - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_{ik} - l - j_{sa}^{ik} + 2)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(l_{sa}-l+1)} \sum_{(j^{sa}=l_{sa}+n-D)} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_{sa}=j_{sa}-j_{sa}^{ik})} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l-1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \right)$$

$$\sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!}$$

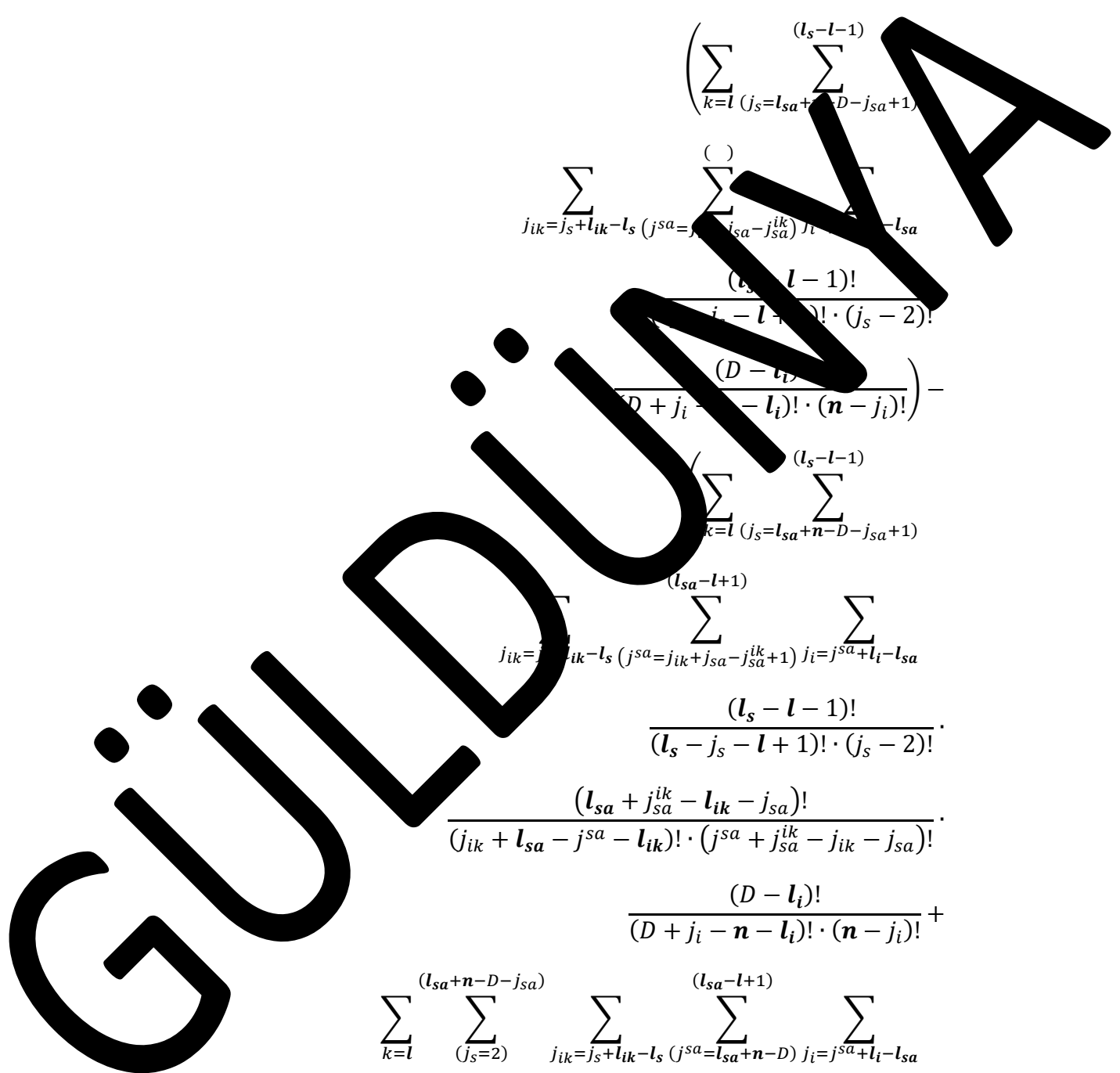
$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{(l_{sa}-l+1)} \sum_{j_{ik}=j_s+l_{ik}-l_s}^{(j_{sa}=l_{sa}+n-D)} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{(l_{sa}-l+1)}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{\binom{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}}{\left(\sum_{k=l}^{(l_s - 1)} \sum_{j_s = l_{sa} + n - D - j_{sa} + 1}^{(l_s - 1)} \right)}$$

$$\sum_{j_{ik} = j_s - j_{sa}^{ik} - 1}^{(j_s - j_{sa}^{ik} - 1)} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$\left(\sum_{k=l}^{(l_s - l - 1)} \sum_{j_s = l_{sa} + n - D - j_{sa} + 1}^{(l_s - l - 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik} - l - j_{sa} + 1}^{l_{sa} + j_{sa}^{ik} - l - j_{sa} + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{(j^{sa} = j_{ik} + l_{sa} - l_{ik})} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

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$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_s=2)}^{l_{sa}+j_{sa}^{ik}-l-j_{sa}+1} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j_{sa}+l_i-l_{sa}}^{()} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$

$2 \leq l \leq D + l_s + s - n - l_i \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa} + s - j_{sa} \leq j_i \leq n$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_i \wedge l_i + j_{sa} - s > l_{sa} \wedge$

$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 =$

$fz_{j_s, j_{ik}, j_{sa}}^{DST, B} \Rightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{()} \right)$

$\sum_{j_{ik}=j_s+j_{sa}^{ik}-1}^{()} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{()} \sum_{j_i=j_{sa}+l_i-l_{sa}}$

$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$

$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big) -$

$\left(\sum_{k=l}^{(l_s-l-1)} \sum_{(j_s=l_{sa}+n-D-j_{sa}+1)}^{()} \right)$

$$\sum_{j_{ik}=j_s+j_{sa}^{ik}}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+j_{sa}-j_{sa}^{ik})}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_{sa}+n-D-j_{sa})} \sum_{(j_{sa}^{ik}=2)}^{l_{ik}-l} \sum_{j_{ik}=j_s+n-D}^{l_{ik}-l+1} \sum_{(j_{sa}^{ik}=j_{sa}^{ik}+n-D)} \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s-l+1)} \sum_{(j_{sa}^{ik}=l_{sa}+n-D-j_{sa}+1)}^{(l_s-l+1)} \sum_{j_{ik}=j_s+j_{sa}^{ik}-1} \sum_{(j_{sa}^{ik}=j_{ik}+j_{sa}-j_{sa}^{ik}+1)}^{(l_{sa}-l+1)} \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (k - 1)!} \right)$$

$$\sum_{l=1}^{j_s} \binom{j_s - l}{j_s - j_{ik} - j_{sa}^{ik} + l} \binom{l_s + s - l}{j_s - l}$$

$$\sum_{j_{ik} = j^{sa} + l_{ik}} \sum_{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_{ik} + s + n - D - j_{sa}^{ik}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\left(\frac{(D - l_i)!}{(j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s=2)} \right)$$

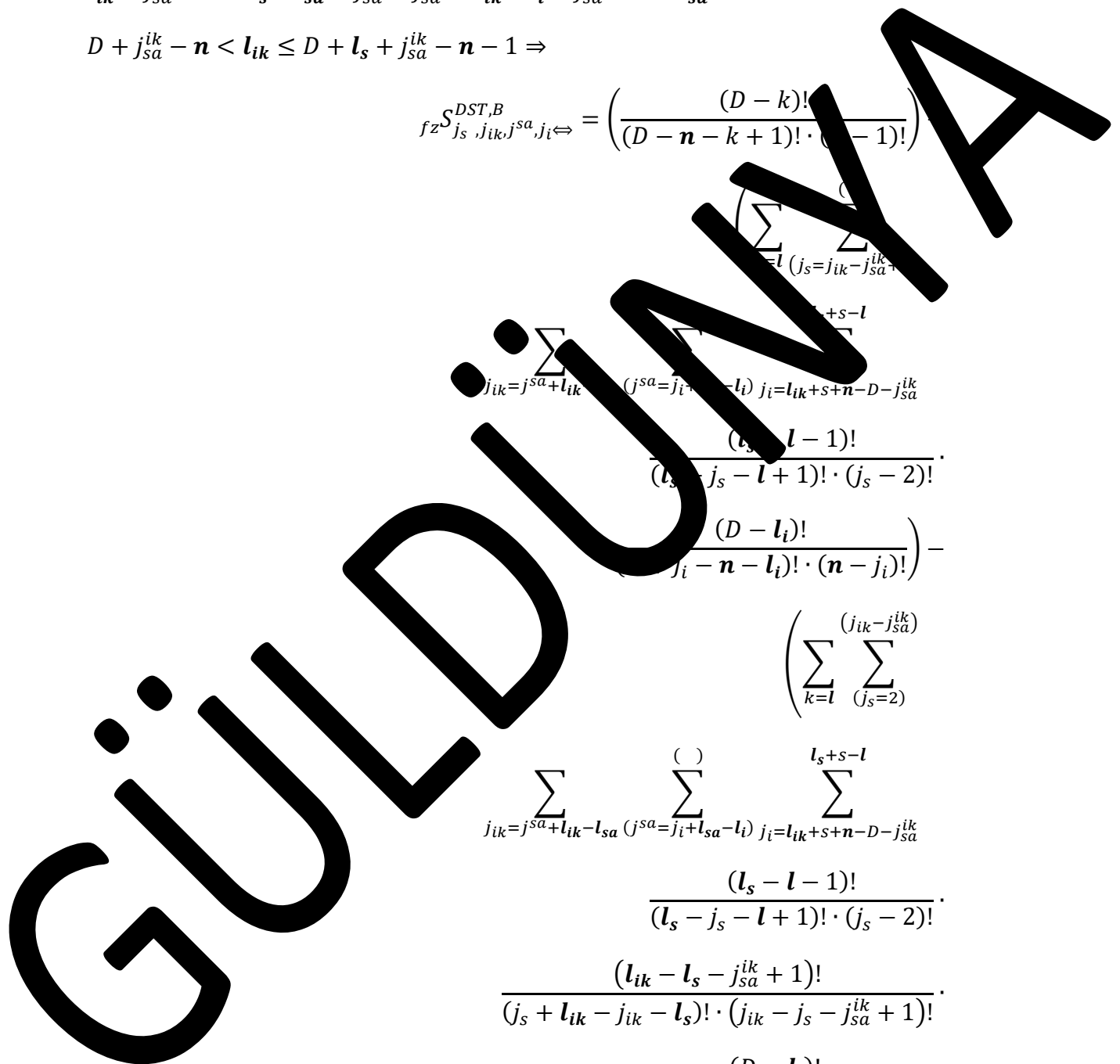
$$\sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_{ik} + s + n - D - j_{sa}^{ik}} \binom{l_s + s - l}{j_s - l}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)} \sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_{ik} + s - l + 1}^{l_{ik} + s - l - j_{sa}^{ik} + 1}$$



$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_i \wedge l_i + j_{sa} - j_{sa} = l_{sa}$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - 1 \Rightarrow$$

$$fz \sum_{j_s, j_{sa}^{ik}, j_i} = \frac{(l_s - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}$$

$$\sum_{j_{ik} = j^{sa} + l_{ik} - l_{sa}} \sum_{(j^{sa} = j_i + l_{sa} - l_i)} \sum_{j_i = l_{ik} + n + s - D - j_{sa}^{ik}}^{l_{ik} + s - l - j_{sa}^{ik} + 1}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

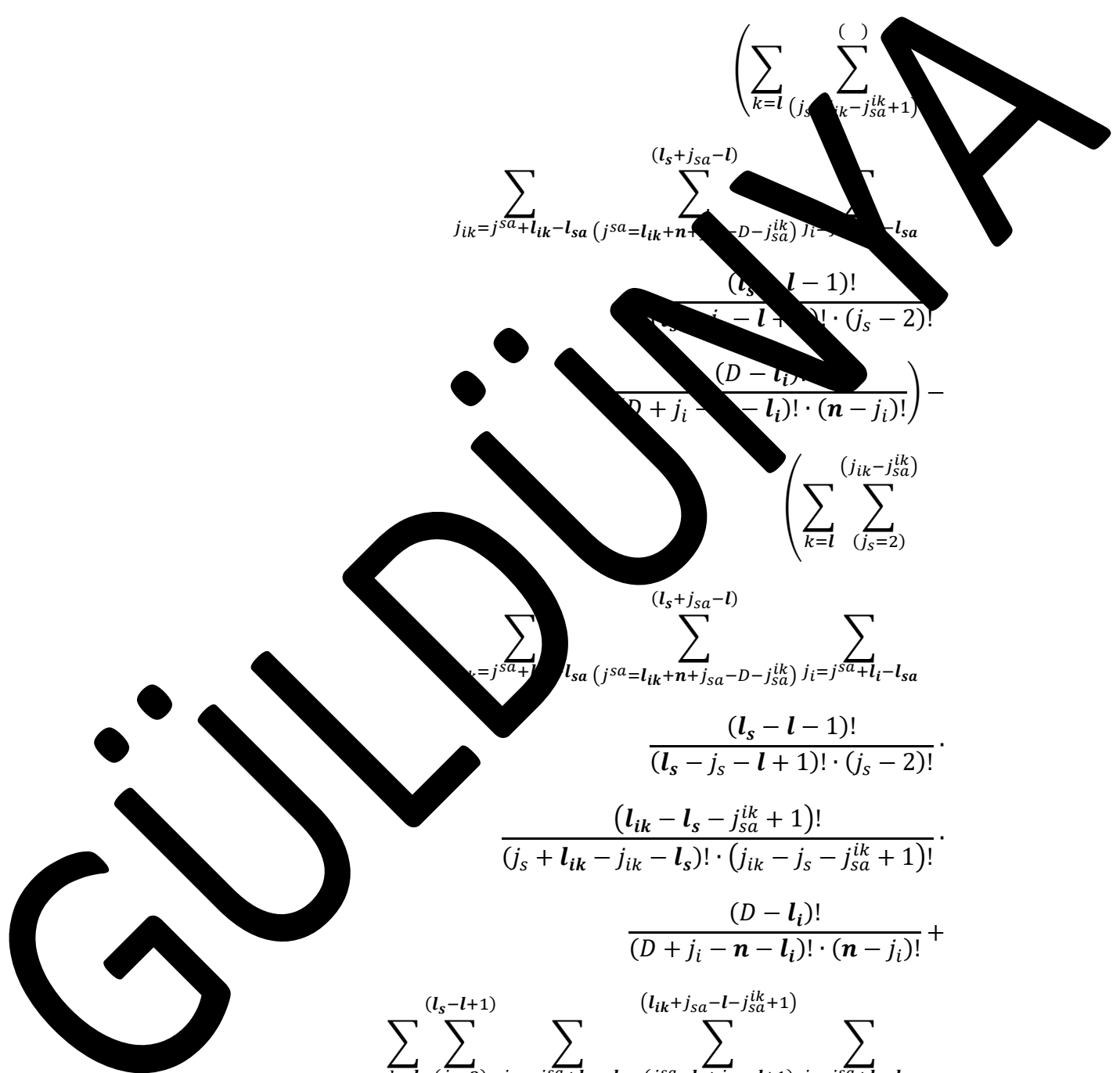
$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned} & \left(\sum_{k=l}^{(l_s)} \sum_{(j_s = j_{ik} - j_{sa}^{ik} + 1)}^{(l_s)} \right) \\ & \sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j_{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})}^{(l_s + j_{sa} - l)} \sum_{j_i = j_{sa}^{ik} + l_i - l_{sa}}^{(l_s + j_{sa} - l)} \\ & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\ & \left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) - \\ & \left(\sum_{k=l}^{(j_{ik} - j_{sa}^{ik})} \sum_{(j_s = 2)}^{(j_s)} \right) \\ & \sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(l_s + j_{sa} - l)} \sum_{(j_{sa} = l_{ik} + n + j_{sa} - D - j_{sa}^{ik})}^{(l_s + j_{sa} - l)} \sum_{j_i = j_{sa}^{ik} + l_i - l_{sa}}^{(l_s + j_{sa} - l)} \\ & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\ & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \\ & \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} + \\ & \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = 2)}^{(l_s - l + 1)} \sum_{j_{ik} = j_{sa}^{ik} + l_{ik} - l_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{(j_{sa} = l_s + j_{sa} - l + 1)}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \sum_{j_i = j_{sa}^{ik} + l_i - l_{sa}}^{(l_{ik} + j_{sa} - l - j_{sa}^{ik} + 1)} \\ & \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \\ & \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \end{aligned}$$



$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l}^{l_s - l + 1} \sum_{j_s=2}^{j_s}$$

$$(l_{ik} + 1 - l - j_{sa}^{ik} + 1)$$

$$\sum_{j_{ik}=j_s + l_{ik} - l - j_{sa}^{ik} + 1}^{j_{ik}} \sum_{j_{sa}=l_{sa}}^{j_{sa} - D - j_{sa}^{ik}} j_i = j^{sa} + l_i - l_{sa}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} \Leftrightarrow \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\begin{aligned}
 & \left(\sum_{k=l} \sum_{(j_s=j_{ik}-j_{sa}^{ik}+1)}^{(\cdot)} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+l_i} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) - \\
 & \left(\sum_{k=l} \sum_{(j_s=2)}^{(j_{ik}-1)} \right. \\
 & \sum_{j_{ik}=l_{ik}+n-D}^{l_s+j_{sa}^{ik}-l} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} + \\
 & \sum_{k=l}^{(s-l+1)} \sum_{(j_s=2)}^{l_{ik}-l+1} \sum_{j_{ik}=l_s+j_{sa}^{ik}-l+1}^{(\cdot)} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{(\cdot)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \\
 & \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \\
 & \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(j_s+l_{ik}-j_{ik}-l_s)! \cdot (j_{ik}-j_s-j_{sa}^{ik}+1)!} \cdot \\
 & \left. \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)
 \end{aligned}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1 \wedge$$

$$D + l_s + s - n - l_i + 1 \leq l \leq i - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \cdot \sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s=2)}^{l_{ik} - l + 1} \sum_{(j_{sa}=j_{ik} + l_{sa} - l_{ik})}^{(j_i = j^{sa} + l_i - l_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_{sa})! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l_s \leq D - n + 1$$

$$2 \leq l \leq D + l_s + s - n - 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \sum_{(j_{sa} = j_{ik} + l_{sa} - l_{ik})}^{(j_i = j^{sa} + l_i - l_{sa})} \frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} -$$

$$\left(\sum_{k=l}^{(l_s - l + 1)} \sum_{(j_s = l_{ik} + n - D - j_{sa}^{ik} + 1)}^{(l_s - l + 1)} \right)$$

$$\sum_{j_{ik} = j_s + j_{sa}^{ik}}^{l_{ik} - l + 1} \sum_{(j^{sa} = j_{ik} + l_{sa} - l_{ik})}^{()} \sum_{j_i = j^{sa} + l_i - l_{sa}}$$

$$\frac{(l - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} +$$

$$\sum_{k=l}^{(l_{ik} + n - j_{sa}^{ik})} \sum_{(j_s - 2)}^{l_{ik} - l + 1} \sum_{j_i = j^{sa} + l_i - l_{sa}}^{()}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - l + 1)! \cdot (j_s - 2)!} \cdot$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{ik} - j_s - j_{sa}^{ik} + 1)!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \Big)$$

$$D \geq n - l_i \wedge l \neq i \wedge l \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + j_i + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_s - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$l_i > D + l_{sa} + s - n - j_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} -$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}+l_s-l_{ik}}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{\binom{(l_{sa}-l+1)}{j^{sa}=j_{sa}+1}} \sum_{\binom{l_i-l+1}{j_i=l_i+n-D}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_i+j_{sa}-l_{sa}-s)!}{(j^{sa}+l_i-j_i-l_{sa})! \cdot (j_i+j_{sa}-j^{sa}-s)!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - l_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > 0 \wedge l_i + j_{sa} - s - l_{sa} \wedge$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{sa}, j_i}^{S_{j_s, j_{sa}, j_i}} \Leftrightarrow \frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!}$$

$$\sum_{k=l} \sum_{\binom{()}{j_s=j_{ik}-l_{ik}}} \sum_{\binom{l_{ik}-l+1}{j_{ik}=j_{sa}^{ik}+1}} \sum_{\binom{(l_{sa}-l+1)}{j^{sa}=l_{sa}+n-D}} \sum_{\binom{l_i-l+1}{j_i=j^{sa}+l_i-l_{sa}}} \frac{(l_s-l-1)!}{(l_s-j_s-l+1)! \cdot (j_s-2)!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l \neq i \wedge l \wedge l_s \leq D - n + 1 \wedge$$

$$2 \leq l \leq D + l_s + s - n - l_i \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=l} \sum_{(j_s=2)}^{(l_s-l+1)} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l+1} \sum_{(j_{sa}=j_{ik}+l_{sa}-l_{ik})} \sum_{j_i=j_{sa}+l_i-l_{sa}}$$

$$\frac{(l_s - l - 1)!}{(l_s - j_s - 1)! \cdot (n - 2)!}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(j_s + l_{ik} - j_{ik} - l_s)! \cdot (j_{sa} - j_s - j_{sa}^{ik} + 1)!}$$

$$\frac{(D - k)!}{(D + j_i - n - k)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa}^{ik} - j_{sa} \wedge j_{sa} + s - j_i \leq j_i \leq j_{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_{sa}=j_{sa})} \sum_{j_i=s}$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=l} \sum_{(j_s=1)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j_{sa}=j_i+l_{sa}-l_i)} \sum_{j_i=s+1}^{l_i-l+1}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik})! \cdot (j_{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=i}^{\binom{D-l_i}{D-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D-n-l_i}} \right) \cdot \frac{(D-l_i)!}{(D-n-l_i)! \cdot (n-s)!} \cdot \left(\sum_{k=1}^{\binom{D-l_i}{D-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D-n-l_i}} \sum_{j_i=s+1}^{\binom{D-l_i}{D-n-l_i}} \right) \cdot \frac{(D-l_i - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{sa}^{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \Rightarrow$$

$$fz S_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) \cdot \left(\sum_{k=i}^{\binom{D-l_i}{D-s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D-s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{D-l_i}{D-s-n-l_i}} \sum_{j_i=s}^{\binom{D-l_i}{D-s-n-l_i}} \right) \cdot \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!}$$

$$\left(\sum_{k=i}^{\binom{D-l}{l}} \sum_{j_s=1}^{\binom{l}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}+l_{ik}-l_{sa}} \sum_{j_{sa}=j_{sa}}^{\binom{l_{sa}-l+1}{j_{sa}}} \sum_{j_i=s+1}^{\binom{l_i-l+1}{j_i}} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_i + j_{sa} - l_{sa} - s)!}{(j_{sa} + l_i - j_i - l_{sa})! \cdot (j_i + j_{sa} - j_{sa} - s)!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j_{sa} \leq j_i + j_{sa} - s \wedge j_{sa}^{ik} - s - j_{sa} \leq j_i - n \wedge$

$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa}$

$fz_{j_s, j_{ik}}^{DST, l} \Leftrightarrow = \left(\frac{(D - l_i)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$

$$\left(\sum_{k=i}^{\binom{D-l}{l}} \sum_{j_s=1}^{\binom{l}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_{sa}=j_{sa}}^{\binom{l}{j_{sa}}} \sum_{j_i=s} \frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l}{l}} \sum_{j_s=1}^{\binom{l}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_{sa}=j_i+l_{sa}-l_i}^{\binom{l_i-l+1}{j_{sa}}} \sum_{j_i=s+1}^{\binom{l_i-l+1}{j_i}} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$\left(\sum_{k=i}^{\binom{D-l}{l}} \sum_{j_s=1}^{\binom{l}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_{sa}=j_i+l_{sa}-l_i}^{\binom{l_i-l+1}{j_{sa}}} \sum_{j_i=s+1}^{\binom{l_i-l+1}{j_i}} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j_{sa} - l_{ik})! \cdot (j_{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$D \geq n < n \wedge l = l \wedge l_i \leq D + s - n \wedge$

$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j_{sa} + j_{sa}^{ik} - j_{sa} \wedge$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j^{sa}=j_{sa}+1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=s+l_i-l_{sa}}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D - i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_i = D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!}$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j^{sa}=j_{sa}+1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{\binom{D-l_i}{D+s-n-l_i}} \right) -$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot \left(\sum_{l=0}^k \sum_{j_s=1}^l \sum_{j_{ik}=j_{sa}^{ik}}^l \sum_{j_i=j_{sa}^{ik}}^l \sum_{j_i=s}^l \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - s)!} \right) \cdot \left(\sum_{k=0}^l \sum_{s=1}^k \sum_{j_{ik}=j_{sa}^{ik}}^k \sum_{j_i=j_{sa}^{ik}+1}^k \sum_{j_i=j_{sa}^{ik}+l_i-l_{sa}}^k \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot \frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = l_i \wedge l_i \leq D + s - n \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}^{ik}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) \cdot$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}+1}^{l_{ik}-i+1} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}} \sum_{j_i=sa+l_i-l_{sa}} \frac{(l_{ik}-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_{sa}+1)! \cdot (j^{sa}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j^{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz = \sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_i+n-D}^{l_i-i+1} \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=}$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa} + l_{ik} - l_s}^{()} \sum_{(j^{sa}=j_i + l_{sa} - l_i)}^{()} \sum_{j_i=l_i + n - D}^{l_i - i, l + 1} \right) -$$

$$\frac{(l_{ik} - j_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s > l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s}$$

$$\left(\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-i^{l+1})} \sum_{j_i=l_i+n-D}^{l_i-i^{l+1}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(l_i + j_{sa} - l_{sa} - s)!}{(j^{sa} + l_i - j_i - l_{sa})! \cdot (j_i - l_i - s)!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{ik} - j_{sa}$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j_i + s - j_{sa} \leq j_i < n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_i > l_{ik} \wedge l_i + j_{sa} - s = l_s \wedge$$

$$D + s - n < l_i \leq D + l_s \leq n - 1 \Rightarrow$$

$$\sum_{(j_s, j_{ik}, j^{sa})}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s}^{()} \right)$$

$$\left(\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i^{l+1}} \sum_{(j^{sa}=j_i+l_{sa}-l_i)}^{()} \sum_{j_i=l_i+n-D}^{l_i-i^{l+1}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - n + 1)! \cdot (n - 1)!}{(D - n + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{()} \sum_{l=1}^{()} \sum_{j_{ik}=j_{sa}}^{()} \sum_{j_i=s}^{()} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^{()} \sum_{l=l+1}^{(l_s)} \sum_{j_{ik}=j_{sa}}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}}^{()} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\cdot)} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-i^{l-s+1})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_{sa}+j_{sa}^{ik}-j_{sa})! \cdot (j_{sa}-l_{ik})!}{(l_{sa}+j_{sa}^{ik}-j_{sa}-l_{ik})! \cdot (j_{sa}-l_{sa})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j_{ik} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + 1 \wedge n - 1 \Rightarrow$$

$$f_{z^s, j_{ik}, j_{sa}^{ik}}^{ST,B} \Leftrightarrow = \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{(\cdot)} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(\cdot)} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_i+n+j_{sa}-D-s)}^{(l_i+j_{sa}-i^{l-s+1})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right)$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(j_s)} \sum_{j_{ik}^{sa}}^{(j_{ik}^{sa})} \sum_{(j^{sa}=j_{sa})}^{(j^{sa})} \sum_{j_i}^{(j_i)} \frac{(D - l_i)!}{(D + j_i - n - l_i - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{(j_s)} \sum_{j_{ik}^{sa}}^{(j_{ik}^{sa})} \sum_{(j^{sa}=j_{sa})}^{(j^{sa})} \sum_{j_i}^{(j_i)} \frac{(l_{ik} - j_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot \frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa} - j_{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!} \right) -$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + s - n - 1 \Rightarrow$$

$$fz S_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i+1} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_{ik}-j_{ik}-l_s+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j^{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} > l_i \wedge l_i + j_{sa} - s = j_{sa} \wedge$$

$$D + s - n < l_i \leq D + l_s + n - 1 \Rightarrow$$

$$fz_{ST,B}^{(i,j_{ik},j^{sa})} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_s=1}^{\binom{D-l_i}{D+l_s-n-l_i}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i+1} \sum_{j^{sa}=l_i+n+j_{sa}-D-s}^{(l_i+j_{sa}-i-s+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(l_{sa}+j_{sa}^{ik}-l_{ik}-j_{sa})!}{(j_{ik}+l_{sa}-j^{sa}-l_{ik})! \cdot (j^{sa}+j_{sa}^{ik}-j_{ik}-j_{sa})!} \right) -$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - n + 1)! \cdot (n - 1)!}{(D - n + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{i=1}^{(j_{ik})} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_i=s}^{(j_i)} \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=l}^{(j_s)} \sum_{i=1}^{(j_{ik})} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l-j_{sa}+1} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{l_i}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{l_i}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_{sa}+j^{sa}-s-D-j_{sa}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$D \geq n < n \wedge l = l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + j_{sa} - j_{sa} \leq j_i \leq j_{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} > l_{ik} \wedge l_i + j_{sa} - s = j_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s - j_{sa} - n - 1$$

$$fz^{ST,B} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{l_i}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j^{sa}=j_{sa}} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^{\binom{D-l_i}{l_i}} \sum_{j_s=1}^{\binom{D-l_i}{j_s}} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-l_i+1} \sum_{j^{sa}=j_i+l_{sa}-l_i} \sum_{j_i=l_{sa}+n+s-D-j_{sa}}^{l_{sa}+s-l_i-j_{sa}+1} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{ik}-j_{sa}^{ik})!} \right) -$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(j_{ik} + l_{sa} - j^{sa} - l_{ik})! \cdot (j^{sa} + j_{sa}^{ik} - j_{ik} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - n + 1)! \cdot (n - 1)!}{(D - n + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^n \sum_{s=1}^k \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_i=s}^n \right)$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - s)!} -$$

$$\left(\sum_{k=i}^n \sum_{s=1}^k \sum_{j_{ik}=j_{sa}^{ik}} \sum_{j_i=j_{sa}^{ik} + l_i - l_{sa}}^{j^{sa} + n - D} \right)$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j^{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + l_s + j_{sa} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(j^{sa}=l_{sa}+n-D)}^{(l_{sa}-l+1)} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_{ik}-l_{sa}-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} - j_{sa} \leq j_i \leq \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa} - n < l_{sa} \leq D + j_{sa} - n - 1$$

$$f_{z, j_{ik}, j^{sa}}^{DST, B} \Rightarrow \left(\frac{(D-k)!}{(D-n-k+1)! \cdot (n-1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \frac{(D-l_i)!}{(D+s-n-l_i)! \cdot (n-s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{sa}+n+j_{sa}^{ik}-D-j_{sa}}^{l_{sa}+j_{sa}^{ik}-i-l-j_{sa}+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}} \frac{(l_{ik}-l_s-j_{sa}^{ik}+1)!}{(l_{ik}-j_{ik}-l_s+1)! \cdot (j_{sa}^{ik})!} \cdot \frac{(D-l_i)!}{(D+j_i-n-l_i)! \cdot (n-j_i)!} \right) -$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i}^{()} \frac{(D - l_i)!}{(D + j_i - n - l_i - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa}-l_i)}^{()} \sum_{j_i=l_{ik}+n+s-D-j_{sa}^{ik}}^{l_{ik}+s-i-l-j_{sa}^{ik}+1} \frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \right) \cdot$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = {}_i l \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_{sa} \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j_{sa}, j_i}^{DST, B} = \left(\frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}}^{()} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s}^{()} \right)$$

$$\left(\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j^{sa}+l_{ik}-l_{sa}} \sum_{(l_{ik}+j_{sa}-i-l-j_{sa}^{ik}+1)} \sum_{(j^{sa}=l_{ik}+n+j_{sa}-D-j_{sa}^{ik})} \sum_{j_i=j^{sa}+l_i-l_{sa}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_i \leq j_i \leq j^{sa} \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - j_s = l_{sa} \wedge$$

$$D + j_{sa}^{ik} - n < l_{ik} \leq D + l_s + j_{sa}^{ik} - n - j_s$$

$$fz_{j_s, j_{ik}, j_i}^{D, n} \Leftrightarrow \left(\frac{(D - k)!}{(n - k + 1)! \cdot (n - 1)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=j_{sa}^{ik}} \sum_{(j^{sa}=j_{sa})}^{()} \sum_{j_i=s} \right)$$

$$\frac{(D - l_i)!}{(D + s - n - l_i)! \cdot (n - s)!} \right) -$$

$$\left(\sum_{k=i}^l \sum_{(j_s=1)}^{()} \sum_{j_{ik}=l_{ik}+n-D}^{l_{ik}-i+1} \sum_{(j^{sa}=j_{ik}+l_{sa}-l_{ik})}^{()} \sum_{j_i=j^{sa}+l_i-l_{sa}} \right)$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!} \cdot$$

$$\left(\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!} \right)$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{ik} \leq j^{sa} + j_{sa}^{ik} - j_s \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 = l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} > l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_i > D + l_s + s - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - j_i)!}$$

$$\sum_{k=i}^{\binom{D}{l}} \sum_{j_s=1}^{\binom{D}{l}} \sum_{j_{ik}=j_{sa}^{ik}}^{\binom{l_{sa}-i+1}{l}} \sum_{j^{sa}=l_{sa}+n-D}^{\binom{l_{sa}-i+1}{l}} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_{sa} + j_{sa}^{ik} - l_{ik} - j_{sa})!}{(l_{sa} + j_{sa}^{ik} - j_{sa} - l_{ik})! \cdot (j^{sa} - j_{sa})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

$$D \geq n < n \wedge l = i \wedge l_s \leq D - n + 1 \wedge$$

$$1 \leq j_s \leq j_{ik} - j_{sa}^{ik} + 1 \wedge j_s + j_{sa}^{ik} - 1 \leq j_{sa} \leq j^{sa} + j_{sa}^{ik} - 1 \wedge$$

$$j_{ik} + j_{sa} - j_{sa}^{ik} \leq j^{sa} \leq j_i + j_{sa} - s \wedge j^{sa} + s - j_{sa} \leq j_i \leq n \wedge$$

$$l_{ik} - j_{sa}^{ik} + 1 > l_s \wedge l_{sa} + j_{sa}^{ik} - j_{sa} = l_{ik} \wedge l_i + j_{sa} - s = l_{sa} \wedge$$

$$l_{ik} > D + l_s + j_{sa}^{ik} - n - 1 \Rightarrow$$

$$fz_{j_s, j_{ik}, j^{sa}, j_i}^{DST, B} = \frac{(D - k)!}{(D - n - k + 1)! \cdot (n - 1)!}$$

$$\sum_{k=i}^{\binom{D}{l}} \sum_{j_s=1}^{\binom{D}{l}} \sum_{j_{ik}=l_{ik}+n-D}^{\binom{l_{ik}-i+1}{l}} \sum_{j^{sa}=j_{ik}+l_{sa}-l_{ik}}^{\binom{D}{l}} \sum_{j_i=j^{sa}+l_i-l_{sa}}$$

$$\frac{(l_{ik} - l_s - j_{sa}^{ik} + 1)!}{(l_{ik} - j_{ik} - l_s + 1)! \cdot (j_{ik} - j_{sa}^{ik})!}$$

$$\frac{(D - l_i)!}{(D + j_i - n - l_i)! \cdot (n - j_i)!}$$

DİZİN

İ
İlk simetrik bulunmama olasılığı, 1.8.1/3

K
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ilk simetrik bulunmama olasılığı, 1.8.1/254
 tek kalan simetrik ayırım bulunmama olasılığı, 1.9.3/242
 tek kalan simetrik bitişik bulunmama olasılığı, 1.9.2/165, 1.9.2/166
 tek kalan simetrik bitişik-ayırım bulunmama olasılığı, 1.9.4/374
 tek kalan düzgün simetrik bulunmama olasılığı, 1.9.6/213
 tek kalan düzgün olmayan simetrik bulunmama olasılığı, 1.9.6/728, 1.9.6/729
 tek kalan simetrik bulunmama olasılığı, 1.9.1/280
 kalan simetrik ayırım bulunmama olasılığı, 1.10.3/248
 kalan simetrik bitişik bulunmama olasılığı, 1.10.2/199
 kalan simetrik bitişik-ayırım bulunmama olasılığı, 1.10.4/405
 kalan düzgün simetrik bulunmama olasılığı, 1.10.6/305
 kalan düzgün olmayan simetrik bulunmama olasılığı, 1.10.6/1325, 1.10.6/1326
 kalan simetrik bulunmama olasılığı, 1.10.1/292, 1.10.1/293
 toplam düzgün simetrik bulunmama olasılığı, 1.11.1/304
 toplam düzgün olmayan simetrik bulunmama olasılığı, 1.11.1/1324, 1.11.1/1325
 Simetrisinin ilk herhangi bir ve son durumunun bulunabileceği olaylara göre herhangi bir ve son duruma bağlı bağımlı olasılıklı farklı dizilimsiz
 simetrik ayırım bulunmama olasılığı, 1.7.3/875
 simetrik bitişik bulunmama olasılığı, 1.7.2/568, 1.7.2/569
 simetrik bitişik-ayırım bulunmama olasılığı, 1.7.5/74, 1.7.5/75
 ilk simetrik ayırım bulunmama olasılığı, 1.8.3/621
 ilk simetrik bitişik bulunmama olasılığı, 1.8.2/353
 ilk simetrik bitişik-ayırım bulunmama olasılığı, 1.8.5/56

ilk düzgün simetrik bulunmama olasılığı, 1.8.6/165, 1.8.6/166
 ilk düzgün olmayan simetrik bulunmama olasılığı, 1.8.7/67
 tek kalan simetrik ayırım bulunmama olasılığı, 1.9.3/837
 tek kalan simetrik bitişik bulunmama olasılığı, 1.9.2/469
 tek kalan simetrik bitişik-ayırım bulunmama olasılığı, 1.9.5/78
 tek kalan düzgün simetrik bulunmama olasılığı, 1.9.6/215, 1.9.6/216
 tek kalan düzgün olmayan simetrik bulunmama olasılığı, 1.9.7/88
 kalan simetrik ayırım bulunmama olasılığı, 1.10.3/877, 1.10.3/878
 kalan simetrik bitişik bulunmama olasılığı, 1.10.2/570, 1.10.2/571
 kalan simetrik bitişik-ayırım bulunmama olasılığı, 1.10.5/74, 1.10.5/75
 kalan düzgün simetrik bulunmama olasılığı, 1.10.6/307
 kalan düzgün olmayan simetrik bulunmama olasılığı, 1.10.7/85
 toplam düzgün simetrik bulunmama olasılığı, 1.11.1/306
 toplam düzgün olmayan simetrik bulunmama olasılığı, 1.11.2/85
 Simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz
 simetrik ayırım bulunmama olasılığı, 1.7.3/350
 simetrik bitişik bulunmama olasılığı, 1.7.2/273, 1.7.2/274
 simetrik bitişik-ayırım bulunmama olasılığı, 1.7.4/566, 1.7.4/567
 simetrik bulunmama olasılığı, 1.7.1/464
 ilk simetrik ayırım bulunmama olasılığı, 1.8.3/251, 1.8.3/252
 ilk simetrik bitişik bulunmama olasılığı, 1.8.2/172, 1.8.2/173
 ilk simetrik bitişik-ayırım bulunmama olasılığı, 1.8.4/280, 1.8.4/281
 ilk düzgün simetrik bulunmama olasılığı, 1.8.6/164

ilk düzgün olmayan simetrik bulunmama olasılığı, 1.8.6/629, 1.8.6/630
 ilk simetrik bulunmama olasılığı, 1.8.1/328
 tek kalan simetrik ayırım bulunmama olasılığı, 1.9.3/340
 tek kalan simetrik bitişik bulunmama olasılığı, 1.9.2/225, 1.9.2/226
 tek kalan simetrik bitişik-ayırım bulunmama olasılığı, 1.9.4/523
 tek kalan düzgün simetrik bulunmama olasılığı, 1.9.6/214
 tek kalan düzgün olmayan simetrik bulunmama olasılığı, 1.9.6/729
 tek kalan simetrik bulunmama olasılığı, 1.9.1/359
 kalan simetrik ayırım bulunmama olasılığı, 1.10.3/352
 kalan simetrik bitişik bulunmama olasılığı, 1.10.2/274, 1.10.2/275
 kalan simetrik bitişik-ayırım bulunmama olasılığı, 1.10.4/567, 1.10.4/568
 kalan düzgün simetrik bulunmama olasılığı, 1.10.6/305
 kalan düzgün olmayan simetrik bulunmama olasılığı, 1.10.6/1326
 kalan simetrik bulunmama olasılığı, 1.10.1/384
 toplam düzgün simetrik bulunmama olasılığı, 1.11.1/305
 toplam düzgün olmayan simetrik bulunmama olasılığı, 1.11.1/1325
 Simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi bir ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz
 simetrik ayırım bulunmama olasılığı, 1.7.3/900
 simetrik bitişik bulunmama olasılığı, 1.7.2/620
 simetrik bitişik-ayırım bulunmama olasılığı, 1.7.5/146, 1.7.5/147
 ilk simetrik ayırım bulunmama olasılığı, 1.8.3/640
 ilk simetrik bitişik bulunmama olasılığı, 1.8.2/394

ilk simetrik bitişik-ayrım bulunmama olasılığı, 1.8.5/109
 ilk düzgün simetrik bulunmama olasılığı, 1.8.6/166
 ilk düzgün olmayan simetrik bulunmama olasılığı, 1.8.7/131
 tek kalan simetrik ayrım bulunmama olasılığı, 1.9.3/859
 tek kalan simetrik bitişik bulunmama olasılığı, 1.9.2/530
 tek kalan simetrik bitişik-ayrım bulunmama olasılığı, 1.9.5/151
 tek kalan düzgün simetrik bulunmama olasılığı, 1.9.6/216
 tek kalan düzgün olmayan simetrik bulunmama olasılığı, 1.9.7/172
 kalan simetrik ayrım bulunmama olasılığı, 1.10.3/902
 kalan simetrik bitişik bulunmama olasılığı, 1.10.2/622
 kalan simetrik bitişik-ayrım bulunmama olasılığı, 1.10.5/146, 1.10.5/147
 kalan düzgün simetrik bulunmama olasılığı, 1.10.6/308
 kalan düzgün olmayan simetrik bulunmama olasılığı, 1.10.7/166
 toplam düzgün simetrik bulunmama olasılığı, 1.11.1/307
 toplam düzgün olmayan simetrik bulunmama olasılığı, 1.11.2/165

Simetrisinin ilk herhangi iki ve son durumunun bulunabileceği olaylara göre herhangi iki ve son durumuna bağlı bağımlı olasılıklı farklı dizilimsiz

simetrik ayrım bulunmama olasılığı, 1.7.3/1102, 1.7.3/1103
 simetrik bitişik bulunmama olasılığı, 1.7.2/974
 simetrik bitişik-ayrım bulunmama olasılığı, 1.7.5/671, 1.7.5/672
 ilk simetrik ayrım bulunmama olasılığı, 1.8.3/751, 1.8.3/752
 ilk simetrik bitişik bulunmama olasılığı, 1.8.2/641
 ilk simetrik bitişik-ayrım bulunmama olasılığı, 1.8.5/451
 ilk düzgün simetrik bulunmama olasılığı, 1.8.6/167

ilk düzgün olmayan simetrik bulunmama olasılığı, 1.8.7/540, 1.8.7/541
 tek kalan simetrik ayrım bulunmama olasılığı, 1.9.3/1042, 1.9.3/1043
 tek kalan simetrik bitişik bulunmama olasılığı, 1.9.2/896
 tek kalan simetrik bitişik-ayrım bulunmama olasılığı, 1.9.5/659
 tek kalan düzgün simetrik bulunmama olasılığı, 1.9.6/217
 tek kalan düzgün olmayan simetrik bulunmama olasılığı, 1.9.7/743
 kalan simetrik ayrım bulunmama olasılığı, 1.10.3/1104, 1.10.3/1105
 kalan simetrik bitişik bulunmama olasılığı, 1.10.2/976
 kalan simetrik bitişik-ayrım bulunmama olasılığı, 1.10.5/671, 1.10.5/672
 kalan düzgün simetrik bulunmama olasılığı, 1.10.6/308, 1.10.6/309
 kalan düzgün olmayan simetrik bulunmama olasılığı, 1.10.7/765
 toplam düzgün simetrik bulunmama olasılığı, 1.11.1/308
 toplam düzgün olmayan simetrik bulunmama olasılığı, 1.11.2/763

Simetrisinin son durumunun bulunabileceği olaylara göre bağımlı olasılıklı farklı dizilimsiz

simetrik ayrım bulunmama olasılığı, 1.7.3/4
 simetrik bitişik bulunmama olasılığı, 1.7.2/4
 simetrik bitişik-ayrım olasılığı, 1.7.4/4, 1.7.4/5
 simetrik bulunmama olasılığı, 1.7.1/86
 ilk simetrik ayrım bulunmama olasılığı, 1.8.3/4
 ilk simetrik bitişik bulunmama olasılığı, 1.8.2/3, 1.8.2/4
 ilk simetrik bitişik-ayrım bulunmama olasılığı, 1.8.4/4
 ilk düzgün simetrik bulunmama olasılığı, 1.8.6/3, 1.8.6/4
 ilk düzgün olmayan simetrik bulunmama olasılığı, 1.8.6/169

ilk simetrik bulunmama olasılığı,
1.8.1/4
tek kalan simetrik ayırım
bulunmama olasılığı, 1.9.3/4
tek kalan simetrik bitişik
bulunmama olasılığı, 1.9.2/4
tek kalan simetrik bitişik-ayırım
bulunmama olasılığı, 1.9.4/4
tek kalan düzgün simetrik
bulunmama olasılığı, 1.9.6/3
tek kalan düzgün olmayan simetrik
bulunmama olasılığı, 1.9.6/220
tek kalan simetrik bulunmama
olasılığı, 1.9.1/4
kalan simetrik ayırım bulunmama
olasılığı, 1.10.3/4
kalan simetrik bitişik bulunmama
olasılığı, 1.10.2/4
kalan simetrik bitişik-ayırım
bulunmama olasılığı, 1.10.4/5
kalan düzgün simetrik bulunmama
olasılığı, 1.10.6/4
kalan düzgün olmayan simetrik
bulunmama olasılığı, 1.10.6/312
kalan simetrik bulunmama olasılığı,
1.10.1/4
toplam düzgün simetrik bulunmama
olasılığı, 1.11.1/4
toplam düzgün olmayan simetrik
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bitişik bulunmama olasılığı, 1.9.2/3
ayırım bulunmama olasılığı, 1.9.3/3

VDOİHİ’de Olasılık ve İhtimal konularının tanım ve eşitlikleri verilmektedir. Ayrıca VDOİHİ’de olasılık ve ihtimalin uygulama alanlarına da yer verilmektedir. VDOİHİ konu anlatım ciltleri ve aynı cilt numaraları ile soru, problem ve ispat çözümlerinden oluşmaktadır. Bu cilt bağımlı olasılıklı farklı dizilimsiz olasılık dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda, simetrisinin belirli durumlarının bulunabileceği olaylara göre tek kalan simetrik bitişik-ayrım bulunmama olasılığının, tanım ve eşitliklerinden oluşmaktadır.

VDOİHİ Bağımlı Olasılıklı Farklı Dizilimsiz Dağılımlarda Simetrisinin Belirli Durumlarının Bulunabileceği Olaylara Göre Tek Kalan Simetrik Bitişik-Ayırım Bulunmama Olasılığı kitabında, bağımlı durum sayısı bağımlı olay sayısından büyük farklı dizilimsiz dağılımlardan, dağılımın ilk durumu haricinde herhangi bir durumla başlayan dağılımlarda; simetriden seçilecek bir duruma, simetrisinin ilk ve son durumuna, simetrisinin ilk ve herhangi bir durumuna, simetrisinin herhangi iki durumuna, simetrisinin ilk ve herhangi iki durumuna, simetrisinin ilk herhangi bir ve son durumuna ve simetrisinin ilk herhangi iki ve son durumlarının bulunabileceği olaylara göre tek kalan simetrik bitişik-ayrım bulunmama olasılığının, tanım ve eşitlikleri verilmektedir.

VDOİHİ’nin diğer ciltlerinde olduğu gibi bu ciltte de verilen ana eşitlikler, olasılık tablolarından elde edilen verilerle üretilmiştir. Diğer eşitlikler ise ana eşitliklerden teorik yöntemle üretilmiştir. Eşitlik ve tanımlar üretilmesinde bir kaynak kullanılmamıştır.