

Collocation: Barbarous					
type	freq_s	freq_lr	freq_l	freq_r	range
discard	10	1	1	0	1
nude	10	1	1	0	1
natiue	230	2	2	0	1
appeasyng	10	1	1	0	1
enmitie	10	1	1	0	1
nuersant	10	1	1	0	1
rusticity	10	1	0	1	1
elected	10	1	0	1	1
executyng	10	1	0	1	1
nations	860	3	0	3	1
cocoa	10	1	0	1	1
fyercesnesse	10	1	0	1	1
tisfied	10	1	0	1	1
admytte	10	1	0	1	1

Collocation: Canibal					
type	freq_s	freq_lr	freq_l	freq_r	range
the	457340	81	61	20	1
inhabited	1250	4	4	0	1
rescued	80	2	2	0	1
entirely	300	3	1	2	1
caribs	480	8	4	4	1
human	830	3	2	1	1
islands	2670	7	1	6	1
savage	150	2	1	1	1
captured	780	3	0	3	1

Collocation: Chrsitian					
type	freq_s	freq_lr	freq_l	freq_r	range

the	457340	387	293	94	1
become	770	6	3	3	1
men	20610	35	4	31	1

friende	50	3	2	1	1
frankes	40	3	1	2	1
religion	1330	18	1	17	1
fayth	760	17	1	16	1
princes	1070	9	0	9	1
prester	70	3	0	3	1
actualiter	20	2	0	2	1

Collocation: Conquest					
type	freq_s	freq_lr	freq_l	freq_r	range
by	50010	14	7	7	1
cortes	5570	5	3	2	1
prescott	90	4	4	0	1
mexico	730	10	2	8	1
h	110	2	2	0	1
victories	60	2	2	0	1
ferd	50	2	2	0	1

traueyle	180	2	0	2	1
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Collocation: Cruel					
type	freq_s	freq_lr	freq_l	freq_r	range
and	214240	60	32	28	1
treated	320	3	2	1	1
most	6690	7	6	1	1
fierce	410	5	4	1	1
tyrant	120	6	1	5	1
handled	140	3	1	2	1
agaynst	1820	5	1	4	1
oh	120	3	2	1	1
countenaunces	50	2	0	2	1
countenance	120	3	0	3	1
countenances	50	2	0	2	1
maners	760	4	0	4	1

Collocation: Death					
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type	freq_s	freq_lr	freq_l	freq_r	range
his	43440	41	21	20	1
of	300050	167	51	116	1
condemned	180	4	4	0	1
after	10120	25	24	1	1
avenged	70	4	1	3	1
punished	260	5	5	0	1
are	42330	2	2	0	1
present	1700	6	5	1	1
cosa	150	4	1	3	1
ii	6290	11	3	8	1
henry	190	3	1	2	1
hastapalappa	20	2	1	1	1
revenges	20	2	2	0	1
adventures	120	3	2	1	1
sause	20	2	2	0	1
requiting	10	2	2	0	1
consentyng	30	2	2	0	1
put	2310	10	9	1	1
reuenge	180	3	3	0	1
threaten	20	2	1	1	1
theyr	26570	24	10	14	1

payne	170	4	4	0	1
adiudged	40	2	2	0	1
maps	150	3	0	3	1
companyons	110	3	0	3	1
guines	40	2	0	2	1

Collocation: Destroy					
type	freq_s	freq_lr	freq_l	freq_r	range
crops	180	3	1	2	1
and	214240	68	31	37	1
village	1010	5	2	3	1
thunder	230	3	3	0	1
lightning	90	2	2	0	1
type	70	2	2	0	1
houses	3840	9	1	8	1
idols	460	3	1	2	1
convent	60	2	1	1	1
vtterly	550	4	4	0	1

burned	270	3	1	2	1

type	freq_s	freq_lr	freq_l	freq_r	range
auriferous	20	1	1	0	1
lavishing	20	1	1	0	1
most	6690	4	4	0	1
exceptions	30	1	1	0	1
liberal	20	1	1	0	1
congratulating	10	1	1	0	1
generous	120	2	1	1	1
everyone	10	1	1	0	1
productive	30	1	0	1	1
marvellously	30	1	0	1	1
hospitality	150	2	0	2	1
sharks	20	1	0	1	1
surrounds	10	1	0	1	1
pious	20	2	0	2	1
gracious	110	2	0	2	1
solicited	10	1	0	1	1

Collocation: God					
type	freq_s	freq_lr	freq_l	freq_r	range

to	157600	156	89	67	1
that	85450	96	58	38	1
virgin	540	8	7	1	1
mother	560	7	7	0	1
grant	70	3	1	2	1
nature	2270	9	4	5	1
techeta	40	3	2	1	1
cynato	60	3	2	1	1
guamechyna	60	4	3	1	1
me	5680	24	5	19	1
your	6220	17	10	7	1
honour	1150	15	9	6	1
god	2950	26	12	14	1
pray	420	10	8	2	1
hath	5470	18	3	15	1
pleased	430	5	4	1	1
almightie	40	4	4	0	1
heauen	930	6	2	4	1
almyghtie	90	9	8	1	1
thanks	150	7	6	1	1
almyghty	30	3	3	0	1
honoured	310	5	4	1	1

angry	130	4	1	3	1
helpe	770	6	4	2	1
grace	320	16	15	1	1
witnesse	150	5	1	4	1
isaac	70	3	1	2	1
aye	10	2	1	1	1
mahumet	610	7	1	6	1
assyst	20	3	1	2	1
heroes	90	3	0	3	1
created	350	6	0	6	1
creator	160	5	0	5	1
graunt	320	5	0	5	1
lyfe	770	6	0	6	1
zeale	70	4	0	4	1
maker	40	3	0	3	1
forgeue	10	2	0	2	1

Collocates: Inhabitant					
type	freq_s	freq_lr	freq_l	freq_r	range

the	457340	166	122	44	1
islands	2670	7	1	6	1
were	24990	18	4	14	1
its	4710	13	13	0	1
of	300050	96	32	64	1
country	4440	8	4	4	1
whose	4630	9	9	0	1
injury	70	2	2	0	1
clean	70	2	2	0	1
neighbouring	1080	4	0	4	1

Collocation: Nation					
type	freq_s	freq_lr	freq_l	freq_r	range
all	19970	19	17	2	1
other	27120	28	24	4	1
legions	30	2	1	1	1

so	20060	22	13	9	1
what	7560	12	9	3	1
people	8350	14	6	8	1
newe	1830	7	6	1	1
naked	1770	6	4	2	1
vnknown	740	5	4	1	1
barbarous	250	4	4	0	1
chinishe	40	2	2	0	1
maners	760	4	2	2	1
dyuers	1870	7	5	2	1
civilisees	20	2	0	2	1
amerique	20	2	0	2	1
tounges	20	2	0	2	1

Collocation: Noble					
type	freq_s	freq_lr	freq_l	freq_r	range
mesa	30	2	2	0	1
cordova	120	3	1	2	1
each	1890	6	4	2	1
responds	20	2	2	0	1
his	43440	46	30	16	1
man	6760	19	4	15	1
most	6690	14	14	0	1
hozes	20	2	1	1	1
ryght	1040	10	10	0	1
gentelmen	150	6	3	3	1
courte	510	4	1	3	1
men	20610	61	3	58	1
prince	1860	16	1	15	1
dulu	10	2	1	1	1

xeres	20	2	0	2	1
lady	170	4	0	4	1
gentlemen	310	5	0	5	1
gentleman	120	3	0	3	1
prynce	160	3	0	3	1
factes	130	5	0	5	1

Collocation: Pure					
type	freq_s	freq_lr	freq_l	freq_r	range
metal	330	2	1	1	1
chirara	30	2	2	0	1
admirably	60	2	2	0	1
gold	5860	8	3	5	1
golde	5310	7	1	6	1
oh	120	2	1	1	1
weyght	830	3	3	0	1
massie	40	2	1	1	1
xxx	330	2	2	0	1
heart	250	3	0	3	1
chitaza	20	2	0	2	1
wrought	1140	3	0	3	1
castoreum	130	2	0	2	1

Collocation: Sin/Sinne					
type	freq_s	freq_lr	freq_l	freq_r	range
pardon	240	3	3	0	1
theyr	26570	5	5	0	1
bewayle	30	1	1	0	1
calecut	1100	2	2	0	1
redeeme	40	1	1	0	1
forgeuenesse	10	1	1	0	1

geuennesse	10	1	1	0	1
deuiseth	10	1	0	1	1
dying	60	1	0	1	1
exhortation	30	1	0	1	1

Collocation: Spain					
type	freq_s	freq_lr	freq_l	freq_r	range
from	35880	33	26	7	1
to	157600	118	88	30	1
brought	6290	13	12	1	1
back	1450	7	7	0	1
return	1530	6	5	1	1
king	4080	24	22	2	1
embarked	190	3	3	0	1
arrived	760	6	4	2	1
returned	1780	12	10	2	1
italy	460	5	3	2	1
i	33990	32	9	23	1
phoenicians	20	2	2	0	1
new	2590	26	26	0	1
mission	200	4	1	3	1
boundary	30	2	2	0	1
limits	160	4	4	0	1
returns	150	4	4	0	1
arrives	280	4	3	1	1

portugal	410	5	1	4	1
disagrees	30	2	2	0	1
intervenes	20	2	0	2	1

Collocation: Tribe					
type	freq_s	freq_lr	freq_l	freq_r	range
attacks	330	2	1	1	1
ciguana	150	8	7	1	1
neighbouring	1080	6	6	0	1
each	1890	4	3	1	1
warlike	160	2	2	0	1
jf	40	2	1	1	1
war	1090	3	1	2	1

Collocation: War					
type	freq_s	freq_lr	freq_l	freq_r	range
for	44980	101	54	47	1
prisoners	430	8	5	3	1

with	57330	94	30	64	1
taken	3110	15	12	3	1
peace	1520	17	9	8	1
proffering	10	2	1	1	1
engines	90	6	5	1	1
armed	1360	9	2	7	1
against	2420	20	1	19	1
granada	230	5	1	4	1
moors	70	4	2	2	1
kepte	220	9	9	0	1

kepe	70	4	4	0	1
discipline	50	5	4	1	1
theyr	26570	52	23	29	1

keepe	880	15	14	1	1
continuell	670	10	10	0	1
exchaunge	220	7	7	0	1
agaynst	1820	25	1	24	1
bartered	10	2	2	0	1
ware	230	12	6	6	1
watch	240	5	5	0	1
reteynyng	10	2	1	1	1
castel	160	4	4	0	1
keepeth	140	5	5	0	1
borderers	330	7	0	7	1

Collocation: Devil					

type	freq_s	freq_lr	freq_l	freq_r	range
images	430	3	2	1	1
deceits	10	1	1	0	1
she	1690	2	1	1	1
concerning	1580	2	1	1	1
address	40	1	1	0	1
apollo	60	1	1	0	1
untie	10	1	0	1	1
wand	20	1	0	1	1

Collocation: Sacrifice					
type	freq_s	freq_lr	freq_l	freq_r	range
offered	650	5	4	1	1
they	93450	39	25	14	1
offer	380	4	4	0	1
human	830	10	9	1	1
victims	370	7	6	1	1
are	42330	21	10	11	1
circumcised	170	3	1	2	1
boys	60	3	1	2	1
girls	250	3	1	2	1
horrible	490	3	2	1	1
destined	190	3	3	0	1
priests	470	3	1	2	1
gods	570	5	1	4	1
ceremonies	470	3	3	0	1
eucharist	20	2	1	1	1
abra	20	2	1	1	1
ham	40	2	1	1	1
weeke	40	2	1	1	1
celebrated	280	3	0	3	1
abraham	40	2	0	2	1
isaac	70	2	0	2	1

Collocation: Peace					
type	freq_s	freq_lr	freq_l	freq_r	range
making	560	4	4	0	1

the	457340	84	36	48	1
war	1090	10	5	5	1
to	157600	85	51	34	1
concluding	50	2	2	0	1
wished	560	4	4	0	1
makes	270	7	7	0	1
signes	350	8	8	0	1
entreate	140	3	3	0	1
entreatie	20	2	2	0	1
profered	120	3	1	2	1
helde	100	3	3	0	1
warre	940	6	2	4	1
desyred	410	6	6	0	1
conditions	290	7	6	1	1
concluded	160	5	2	3	1
tranquillity	50	2	0	2	1
quietnes	30	2	0	2	1
quietnesse	100	5	0	5	1

Collocation: Bad					
type	freq_s	freq_lr	freq_l	freq_r	range
weather	190	3	1	2	1
gaspar	90	2	2	0	1
de	8190	12	8	4	1
ayora	140	2	1	1	1
adventures	120	3	2	1	1

gonzales	1060	6	4	2	1
pax	40	4	3	1	1
augusta	40	4	3	1	1
pacencis	20	2	2	0	1
ii	6290	6	3	3	1
pacencio	10	2	2	0	1
badajoz	160	2	1	1	1
caspar	60	2	1	1	1
variable	210	2	2	0	1
fortune	930	3	2	1	1
gonsalus	70	3	3	0	1
bezarra	40	2	0	2	1
elbes	40	2	0	2	1

Collocation: idolatry					
type	freq_s	freq_lr	freq_l	freq_r	range
odious	160	1	1	0	1
vestiges	20	1	1	0	1
cunnyngly	30	1	1	0	1
bea	90	1	1	0	1
reth	90	1	1	0	1
abhorrible	30	1	1	0	1
painting	40	1	0	1	1
laugh	100	1	0	1	1

likelihood	effect	ids
13.542	11.133	42339
13.542	11.133	200659
17.151	7.61	304,109,514,251
13.542	11.133	334227
13.542	11.133	352204
13.542	11.133	491976
13.542	11.133	42344
13.542	11.133	360428
13.542	11.133	381812
20.286	6.292	402,936,463,211,614,000
13.542	11.133	441211
13.542	11.133	441474
13.542	11.133	441981
13.542	11.133	514255

likelihood	effect	ids
15.552	0.65	2011,2015,2063,2080,2219,4246,4249,4252,4921,5193,5225,5432,5656,5908,6486,6489,6522,6541,6544,6560,6704,6755,6759,6786,6789,7554,8548,8550,8553,8615,8618,8620,9769,15513,15517,15920,15925,15996,16001,23210,23214,30857,30860,32078,32082,32134,32192,32234,32251,32307,34974,34977,35032,39171,39180,39185,40127,43401,55218,55652,55655,57776,64001,64004,64284,87524,88274,90538,108859,108862,108960,108963,108969,171043,182557,196372,196388,196541,196544,208477,223828
19.071	4.825	44,264,351,190,531,200,000
17.675	7.791	67,537,552
21.013	6.469	862,326,474
64.247	7.206	#####
15.007	5.001	4,340,980,689,110,330
30.716	4.538	#####
15.152	6.884	26,481,196,375
15.37	5.09	208,243,518,108,968

likelihood	effect	ids

70.942	0.634	247,1718,1743,1747,3241,3244,16615,16620,16632,16638,16709,17397,17402,19751,21582,21814,23622,23626,23631,35992,38932,39227,39230,41884,50349,54547,54549,56098,59274,59277,59281,59304,59307,59604,59613,63645,64010,64013,64569,64575,71877,72674,78846,80822,80902,80908,89426,89432,98616,98765,98768,99724,100465,100468,102028,102032,103324,103327,112528,120419,120634,120639,120668,129001,129051,129054,134528,169536,172214,180320,180773,190652,195354,195357,195537,197832,213035,213038,213607,222105,222110,229810,231511,231517,236621,240263,254412,254656,254863,254870,258406,262199,263017,264264,264271,276524,277809,277814,279414,281420,281423,283262,284947,284953,285303,297951,300429,300432,300436,303022,303026,303571,304650,313051,314942,315619,315900,317750,317753,319603,321618,327882,327888,328025,328030,328503,328506,328508,328512,334632,334851,336453,336456,337771,337774,337778,340742,346181,347524,358205,358271,358277,360526,363165,364421,365340,365342,368613,368616,368773,369864,369898,369986,369990,370062,370907,372597,374069,374072,376894,384536,384540,391505,391656,393608,402940,402943,402946,404265,406459,409996,413290,413293,413791,413794,413850,414514,415355,416553,416557,416719,416799,416802,416845,416848,416974,417973,417977,418216,418220,418342,419175,420366,421030,421676,421680,421995,422272,422276,422566,423949,423951,425712,425716,426381,426515,428115,428119,428203,428744,428906,429931,429933,435077,435081,437614,437857,468100,468664,471535,471541,473352,476457,477458,479033,479037,484946,487337,487373,487376,487545,487550,492761,492764,493345,493348,503352,503355,503361,509876,510077,510083,517496,518288,518329,518564,519689,519694,526678,526681,528683,537591,537594,537854,537857,542683,542816,543710,543771,543776,544570,544590,551654,551737,553647,553688,553690,553812,554106,554291,561852,561855,561857,562052,563407,563410,563413,564360,564384,572482,572768,572797,572802,572827,572858,572860,572878,572893,572935,574374,575576,575649,575666,575674,576154,576626,576743,576749,577119,578303,578338,578476,578947,579068,579099,579102,579586,579591,579951,580265,580997,581299,581473,581796,582112,582120,582374,582377,582380,582462,583352,583784,584579,584748,584824,584827,584833,585158,585285,585365,585369,585585
20.803	3.837	#####
32.185	1.639	#####

22.442	6.782	421,026,564,358,587,000
23.817	7.104	518,526,518,533,518,000
81.378	4.633	#####
93.549	5.358	#####
32.5	3.947	#####
20.391	6.296	259,841,528,537,537,000
17.074	7.519	614,131,614,255

likelihood	effect	ids
14.23	1.732	#####
14.639	3.413	#####
42.369	9.043	119,813,123,940,130,000,000,000
82.268	7.345	#####
17.559	7.753	248,619,248,622
20.006	8.628	254,012,624,575
20.747	8.891	616,435,617,982

likelihood	effect	ids
33.348	1.52	737,739,21922,32224,42534,43451,57755,79142,88053,88056,158816,204035,211159,218110,223035,236011,248983,254643,255823,268465,268810,270437,294364,305236,338389,345569,355818,400113,414902,458457,465840,470314,522194,522321,522324,524006,560534,566453,585983,600128,623306
41.389	0.758	6798,7025,7028,9568,21453,32223,43087,43448,56032,57752,57801,61837,79139,86275,88049,88058,91343,91346,93942,93947,117603,130823,154659,154733,155050,155499,156124,186727,186732,198250,198253,200206,204034,212288,212291,213490,229693,236010,238004,243307,243442,243450,244332,244680,245034,245038,245063,245065,245988,245991,246025,246644,246654,246660,246847,246892,247032,247053,247056,247551,247661,247663,248369,248373,248377,248844,248846,248848,248850,248955,248988,249155,249572,249751,250960,251635,251699,251703,251816,252093,254779,256418,256422,257679,257688,258547,258551,268159,268471,268806,268809,268955,269224,270436,282838,294363,296287,305027,305233,325843,345564,351858,359932,359937,359940,362557,380174,382173,400103,401710,401805,401811,402826,402829,414901,415014,44065,455187,458456,462935,464391,464951,464956,466113,466118,469074,469080,470313,477786,521028,522200,522204,522421,526819,543086,543151,543154,552039,553687,557327,560533,566032,566111,566114,566266,566272,566279,566536,570427,570526,572508,574994,575087,577782,585065,585676,585679,599674,601198,605432,627934,627940
25.912	6.077	21,433,127,519,455,200,000,000
57.721	2.908	#####
33.539	7.44	43,445,243,447,245,000
30.955	5.869	#####
16.172	-2.8	135,650,477,782
17.62	3.423	#####
27.369	6.34	43,449,243,444,246,800,000,000
18.938	2.41	#####
17.399	5.584	91,344,246,641,359,900
19.087	8.247	158,818,246,658
19.087	8.247	246,845,248,953
20.138	6.247	249,746,251,700
19.087	8.247	268152
22.076	9.247	268153
17.401	7.662	268,951,269,220
33.132	3.717	#####
17.719	5.662	305,024,380,171,382,000
19.087	8.247	61,841,338,384
18.073	1.457	#####

26.368	6.16	464,950,466,112,477,000,000,000
16.222	7.247	553,707,575,080
18.804	5.925	243,449,245,067
20.661	6.373	296,289,380,178,401,000
16.222	7.247	522,326,522,422

likelihood	effect	ids
21.739	6.641	171,357,121,786,299
23.954	0.927	5322,16779,17140,17662,23637,23642,34990,38844,38848,38850,45272,52959,64343,71211,73923,73927,76789,86294,89033,110264,110268,112867,122701,125243,149610,153903,154424,154430,155707,155723,159276,166555,177805,179916,182553,182561,195598,195604,206701,221065,223762,262218,268750,277421,278140,278146,285326,300691,322735,328255,339136,342737,342741,343708,351272,353929,356931,358885,370915,379833,380423,489141,510802,587201,589896,589901,624201,624203
24.278	4.89	43,327,452,664,527,500,000,000,000
20.274	6.288	7,121,086,293,353,920
15.643	7.056	7,392,486,295
16.654	7.419	112,866,112,869
30.92	3.811	#####
16.172	5.288	122,700,129,534,177,000
17.277	7.641	195,595,223,761
22.42	5.445	338,182,428,297,510,000,000,000

19.319	6.056	45,273,166,556,589,800

21.738	5.32	2,363,934,988,110,270,000,000
17.277	7.641	155,714,623,159

likelihood	effect	ids
13.225	10.941	18854
13.225	10.941	80036
17.692	4.555	138,607,211,289,211,000
12.397	10.356	154692
13.225	10.941	187023
14.664	11.941	211103
22.004	9.356	211,290,211,293
14.664	11.941	211985
12.397	10.356	18858
12.397	10.356	18860
21.106	9.034	80,038,131,226
13.225	10.941	98856
14.664	11.941	192711
29.34	11.941	211294
22.355	9.481	211295
14.664	11.941	211994

likelihood	effect	ids

28.774	0.656	76,100,4760,16425,46294,58367,69026,71194,71610,71613,71670,72650,72672,84929,86348,87920,102563,116909,117211,125512,129436,129439,131479,131484,148476,148589,148656,149075,157591,158547,158610,176747,180215,181434,181691,192360,209765,232265,233801,233809,233976,244903,254896,258411,262817,276505,277524,277528,298172,299857,308406,314610,318981,321897,333478,334865,336590,342729,346614,346860,347446,347462,347466,347468,347472,352347,352740,352808,360362,368706,384370,388044,388047,393568,395852,395855,403901,407560,407957,410915,410917,413704,433010,433652,453102,467022,468308,471379,471540,473372,473401,475768,476847,476850,487614,496684,498101,501752,501784,501808,516446,520699,531180,546037,550256,550481,550637,552090,553830,554075,555161,555853,555857,564616,578997,581313,582235,583558,583569,583577,583579,583610,583612,583658,584153,586013,586038,586090,586145,586161,588418,588520,588576,590057,590059,590062,590834,595112,597636,605103,607062,609317,614697,614939,614958,615379,615525,615996,617329
27.478	0.839	16429,42070,50840,58786,68427,69023,71197,72654,72665,117000,120309,134487,149039,149425,158588,181692,184237,196189,200953,209762,254737,254891,258413,261569,262590,281485,294748,313539,313541,318983,322257,322347,327490,333481,335986,337751,342094,364764,368671,368705,382088,391305,395775,413705,434156,439692,464550,464819,467014,468484,468541,468751,469081,473968,487588,502423,516346,516770,519848,519856,522973,524854,545848,548273,554079,554134,554140,559451,564614,564930,564957,573398,578184,578999,582321,583556,585852,587932,588365,588407,600499,606714,606719,607052,614966,615187,615517,615530,616189,617338,617932,620282,620287
35.375	4.56	#####
28.666	4.315	#####
19.555	6.093	97,474,206,761,938
18.058	2.658	#####
22.976	6.9	98,648,368,668,368,600
20.49	6.315	98,649,368,669,368,600
29.666	6.73	98,650,368,670,368,600
50.815	2.75	#####
23.885	2.122	#####
62.678	4.376	#####
89.408	3.811	#####
53.484	5.245	#####
30.589	2.389	#####
19.784	4.211	#####
33.026	7.315	334,866,336,489,476,000,000,000
17.161	3.361	#####
74.32	7.315	#####
46.838	6.215	#####
24.769	7.315	346,861,615,793,616,000
22.928	4.683	#####

23.42	5.615	149,045,368,677,368,000
19.234	3.633	#####
109.329	6.315	#####
30.074	5.73	#####
19.555	6.093	550,473,550,635
19.495	8.315	550480
27.525	4.192	#####
27.353	7.9	553,831,590,063
18.043	5.73	82,303,544,349,116
28.225	4.771	#####
29.431	5.637	#####
22.621	4.637	#####
19.234	3.633	#####
28.406	6.508	322,297,403,992,586,000,000,000
22.976	6.9	393,573,464,823,564,000
19.495	8.315	550026

likelihood	effect	ids

50.828	0.835	2042,2045,2195,6522,6531,6667,11144,11147,13823,13829,14232,14236,14321,15091,15093,15299,18524,18530,23138,25053,26463,33047,43311,43319,43624,43746,43750,43756,44878,45895,45897,64771,72903,72905,72910,74016,8222,83866,83870,84650,84652,85225,85230,85630,89386,94848,95047,95051,102912,102916,104189,104985,108088,108092,114694,115805,115809,115812,122992,122998,123022,123026,125120,125125,125206,125539,131384,131467,131469,131854,131857,134166,134193,134199,135869,135905,135909,136522,136528,136588,137032,137372,137656,138548,139399,142586,143208,144443,144446,145568,145571,145574,145650,147394,147398,147650,147654,152516,156640,157003,157005,157009,157743,157811,157898,158233,158408,158497,161720,162170,166300,166563,167269,167272,172745,172939,172944,174964,174973,175174,175178,175181,181006,182542,187289,187293,187296,188608,189203,189206,189492,191460,191462,191500,191503,191613,197262,202264,202267,205610,205612,205615,206785,214770,215579,224504,224507,224513,267515,267517,272140,288293,302418,309458,309461,309464,350535,491635,542802,542804,557199,557203,557235,558241,573430,573435
22.917	3.687	#####
19.811	1.823	#####
43.851	3.762	#####
18.009	0.653	2047,2197,11146,14323,18523,18526,26465,43314,43626,43752,44874,44877,45899,64773,69354,69357,72907,74012,74015,82221,83872,85227,89388,94851,94855,95050,100742,102915,104191,104735,104742,104987,108091,115808,123024,123028,125117,125541,131466,131474,131856,134168,135874,135908,136590,137374,144445,145570,145573,147403,147656,147945,156643,157002,157742,157820,158501,161717,161722,162172,166302,167271,167274,167493,172743,172747,172938,172946,175180,182539,182545,187295,187462,187465,188607,189202,189205,191464,191502,191509,202266,205614,212106,215581,224509,288292,309460,309463,542801,557197,557202,557205,557233,558239,558244,573426
20.751	3.146	#####
24.57	3.256	#####
15.866	7.133	43,747,205,608
15.866	7.133	145,648,224,506
15.675	4.186	111,487,291,189,390,000,000

likelihood	effect	ids
19.337	1.741	#####
31.845	1.859	#####
17.98	7.872	70,042,476,048

26.936	1.946	#####
21.619	2.48	#####
26.502	2.559	#####
23.464	3.749	#####
18.771	3.574	#####
22.137	4.569	#####
24.447	5.813	402,935,463,210,614,000,000,000
16.8	7.457	459,896,468,930
15.799	4.209	376,544,409,330,488,000,000,000
23.183	3.717	#####
19.667	8.457	115,907,125,326
19.667	8.457	115,910,125,329
19.667	8.457	262,549,376,542

likelihood	effect	ids
17.268	7.614	64,108,327,991
19.941	6.199	109,081,235,153,239,000
16.114	3.222	#####
18.954	8.199	193,455,193,510
42.496	1.638	44442,139412,144281,150180,150756,183058,183798,193458,193517,239512,254954,300117,311433,311614,314198,317712,320315,322406,324013,345621,350974,378062,404405,414125,439499,462624,500242,500772,500778,501605,518113,518118,524983,530324,530329,543181,560534,567729,595808,608344,608619,619638,619900,620615,621405,622132
47.009	3.046	#####
27.5	2.621	#####
18.954	8.199	235154
47.67	4.821	#####
45.561	6.877	#####
17.484	4.527	259,436,314,199,477,000,000,000
157.453	3.121	259433,269547,294687,300998,311431,311616,314227,317714,318270,322408,324015,335971,336172,336175,345623,350976,354442,354445,365414,395161,395350,404407,435634,435968,443951,456506,462771,462841,463975,473102,477716,499860,500244,500246,500774,500881,501607,501680,509395,518115,524985,525021,530326,539178,543158,543183,543286,544183,560536,567292,567731,575062,608346,608454,608621,618368,619678,619723,619912,621292,621446
72.867	4.66	#####
21.943	9.199	512206

18.954	8.199	78,148,662
26.106	6.112	252,775,252,777,252,000,000,000
28.887	5.567	#####
19.941	6.199	272,120,360,732,471,000
18.223	5.784	278,795,298,757,300,000
37.569	6.821	#####

likelihood	effect	ids
14.005	6.47	83,377,101,171
23.68	9.929	83,456,350,557
20.842	8.929	117,607,220,758
32.853	4.32	#####
28.266	4.269	#####
18.044	7.929	323,077,323,083
17.951	5.724	345,599,396,354,404,000
22.496	9.514	371,570,406,338
14.005	6.47	404,332,404,396
25.097	7.456	5,837,758,840,182,070
25.371	10.514	83,458,350,559
16.086	5.266	342,544,345,604,404,000
17.723	7.814	559,217,559,276

likelihood	effect	ids
34.139	9.619	549,432,571,938,628,000
15.771	3.565	#####
13.341	11.034	550445
15.035	6.837	571,936,628,109
12.757	10.619	580946
15.607	12.619	586168

15.607	12.619	586197
15.607	12.619	413741
11.938	10.034	586172
13.341	11.034	586202

likelihood	effect	ids
18.972	1.245	#####
42.845	0.949	3115,4454,5387,6602,6837,6839,8424,9413,14384,14402,14405,15493,19131,19358,19360,19364,19662,19736,19739,19770,20794,20979,20983,29999,30045,35564,39245,39247,40349,41324,41584,41587,47927,51033,57058,61461,64760,75924,75927,81072,92738,92920,92922,96801,101482,112099,112101,113300,113857,124284,129157,130337,136148,142817,144510,144618,146783,147283,149690,151325,154664,159069,159079,159507,161639,161646,161665,161977,170219,177968,178251,179448,179454,186125,199150,199890,199892,200985,200988,205157,223786,223789,229273,235035,236112,237431,237447,237449,242286,243025,244052,244208,244262,244424,244428,244433,244570,247784,247910,247915,248077,250075,250476,250993,251189,252168,261958,341760,382383,394490,401425,419507,475697,538278,595322,595429,609690,620617
22.439	2.413	#####
22.468	3.637	#####
16.979	3.338	#####
86	3.922	#####
16.434	5.347	193,574,133,885,137
24.803	4.347	#####
46.03	4.119	#####
23.746	4.808	5,163,562,786,741,650,000,000,000
19.269	1.279	#####
18.431	8.01	105,629,249,574
119.682	4.694	#####
23.78	5.688	113,109,113,304,177,000,000,000
16.746	7.425	186,073,249,878
25.554	6.01	186,123,197,431,197,000,000,000
26.07	6.103	243,024,244,261,247,000,000,000
21.127	5.203	244,054,245,605,250,000

24.864	4.974	#####
16.746	7.425	247,158,249,833
18.431	8.01	250083

likelihood	effect	ids
14.194	6.539	27,998,243,928
91.922	9.676	#####
41.603	6.413	#####
20.133	5.021	31,395,591,445,936,200,000
17.08	7.583	77,562,237,039
22.686	9.583	244183
16.628	5.4	243,932,244,184

likelihood	effect	ids
51.924	1.167	6576,14860,29369,52360,52369,52747,56353,71112,71114,109880,120546,124241,136534,181885,210941,229197,256912,267442,273073,282019,282666,290874,298127,304746,306623,307432,308317,313874,314777,315899,316753,320352,320356,323938,333837,333839,334871,338826,380582,385312,387642,390748,390751,393824,419467,444561,444569,450966,452038,452799,470157,474633,476289,483578,487011,487016,488072,494252,495368,496586,500825,501030,502626,503783,503790,504678,510454,512545,514355,522415,522458,526523,529756,529869,529987,530506,531753,539439,561676,563862,564064,564870,568477,570251,570907,581272,589547,604103,610017,610359,619517,619521,621043,621050,624067
31.777	4.217	#####

		6529,8073,16708,50369,55687,58236,71410,110775,119643,122309,124233,135606,143269,150573,153684,166794,180077,185851,244185,247761,282674,284840,286676,290379,291038,291308,291311,291357,291477,292479,304750,307438,308323,308632,310760,313876,315907,316755,319870,323317,325626,336258,336548,338822,342354,358614,361298,365116,371419,376720,377346,392644,393821,397233,459438,460178,467666,472595,475288,475317,475853,494257,494637,500360,500497,502631,505874,510131,511532,514277,514685,522416,522455,524749,530420,530598,543357,544854,548886,554499,560849,562004,563180,564070,567402,573735,575452,576696,577081,587643,587991,604097,618677,619078
19.855	0.713	
23.489	2.27	#####
51.327	3.483	#####
17.639	7.644	106089
38.978	6.059	#####
18.787	2.726	#####
49.493	3.047	#####
21.354	4.442	#####
24.731	5.836	60,704,199,144,246,300,000,000
49.611	5.354	#####

24.731	5.836	268,748,277,806,290,000,000,000
36.662	6.644	#####
19.096	0.969	254401,275812,282949,284822,284841,298124,299894,322 316,335795,349091,352230,358612,365120,373365,379472, 381257,381260,381802,386254,390752,404252,441627,441 630,444570,451406,464660,485871,489581,494258,494528, 498251,500610,502613,506001,510137,512552,529867,534 890,536579,536949,539456,567362,567777,587787,587792, 587957,588159,588231,589548,605553,622566,627984

57.094	4.091	#####
35.544	3.9	#####
35.098	4.992	#####
85.021	3.78	#####
17.639	7.644	380578
72.004	5.705	#####
20.944	4.381	#####
17.639	7.644	481094
18.166	4.644	488,801,489,427,489,000,000,000
26.209	5.158	#####
29.566	4.407	#####

likelihood	effect	ids
31.27	8.929	3,925,459,500,100,290
15.819	12.771	39257
13.755	6.37	5,954,159,548
14.022	6.467	95,762,231,389
12.969	10.771	209135
12.15	10.186	209136
15.819	12.771	59505
14.38	11.771	59547

likelihood	effect	ids
28.674	5.54	#####
25.669	1.336	86313,115844,120084,120144,120218,120221,122649,1328 36,148556,157586,176381,194291,194883,240278,277520,3 87981,388095,388217,395662,395666,395680,395685,4533 29,548967,549095,550139,550155,550207,565273,565286,5 65380,572092,572100,572161,574456,574482,616592,6194 38
25.41	5.992	86,316,115,845,125,100,000,000
66.258	6.187	#####
52.657	6.838	#####
18.339	1.585	#####
22.138	6.738	120,083,125,186,388,000
28.45	8.24	120,086,120,137,125,000
19.834	6.181	120,089,120,139,125,000
15.857	5.21	122,652,393,544,572,000
21.472	6.577	125,182,125,503,183,000
16.102	5.271	8,876,148,005,183,590
29.966	5.729	#####
16.102	5.271	181,472,387,980,605,000
21.836	9.24	206,769,245,675
21.836	9.24	550,145,550,607
18.965	8.24	550,146,550,608
18.965	8.24	565279
19.16	6.018	887,381,500,148,683
18.965	8.24	548,972,550,161
16.692	7.433	548,973,550,712

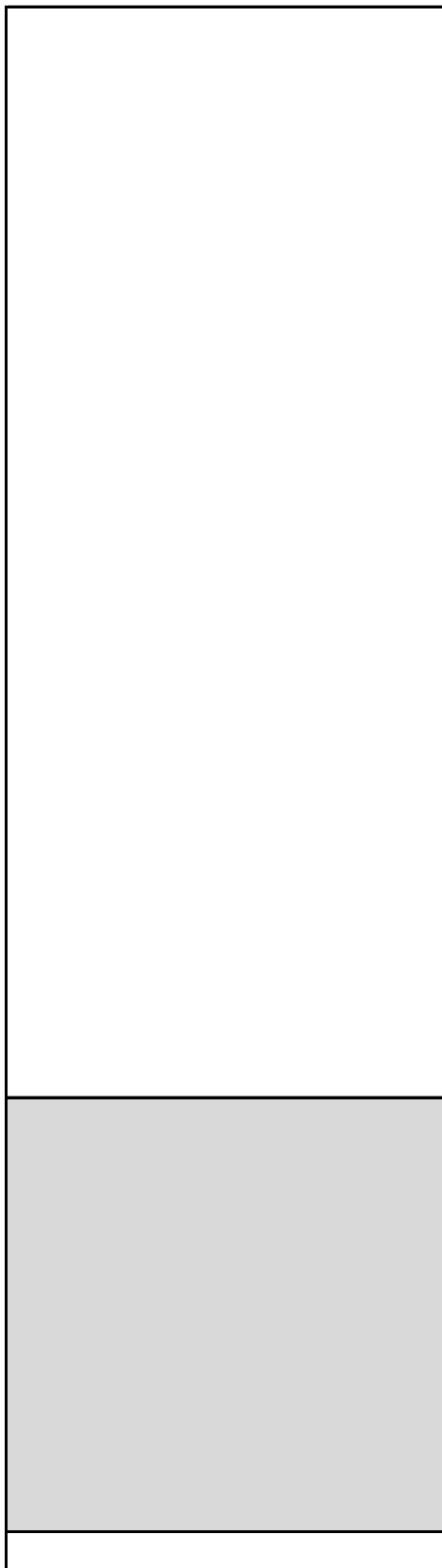
likelihood	effect	ids
18.443	4.707	1,216,563,170,249,840,000,000

16.318	-0.574	15364,16709,16745,16773,16911,17879,45248,45367,51367,51510,52969,54978,56947,61708,62614,73138,83625,83664,109320,109324,116583,117532,120050,120056,121677,121684,121857,129051,133636,140176,150516,150523,154893,161178,169517,180368,180372,184361,184365,214822,214829,238096,239156,242624,244728,277863,290807,291137,291140,307198,322753,326742,327098,328347,349478,350751,387598,393723,393733,402682,441358,464693,475901,500988,511141,511144,511214,515662,518363,518739,518744,518747,588068,588091,588118,588121,588139,588172,588174,598666,598671,598674,603736,623316
50.997	5.068	#####
32.721	0.98	12171,17875,28948,28954,51372,52118,54986,55068,58357,62608,72038,72493,72502,73141,76796,76799,80123,83648,93493,117529,121424,121683,121807,122623,122632,122639,129043,132677,141324,154062,154363,154828,155762,155764,155772,169520,171957,180371,181917,214825,239155,244189,244784,245574,246249,251027,252125,277860,277862,281385,290800,318360,321913,322745,322751,326737,337462,342750,346651,349477,350694,350727,350750,361320,361323,380022,392340,392468,392471,393726,402673,403163,441377,462752,464686,464688,511204,511206,511229,516446,554164,588064,588089,588137,623312
16.051	7.192	4,536,372,496
18.443	4.707	8,012,283,618,121,800,000,000
50.08	6.567	#####
55.221	6.385	#####
20.313	6.292	290,801,326,738,402,000
19.826	8.514	291,133,322,746
21.237	6.514	307,201,387,600,603,000
22.336	6.777	315,978,513,028,613,000
26.371	4.545	#####
36.088	5.742	#####
49.078	6.464	#####
37.643	6.836	#####
16.051	7.192	1,536,717,878
18.139	7.929	276,386,337,467
42.406	7.514	#####

likelihood	effect	ids
24.853	7.395	74,761,107,405,201,900
17.938	7.888	9,430,094,357
43.732	3.965	#####
16.164	7.251	108,441,242,503
27.625	8.058	109,337,242,498

37.491	5.915	109,339,110,366,110,000,000,000
48.221	10.058	185,279,242,486,249,000
48.221	10.058	185,280,242,487,249,000
24.104	10.058	234,466,249,320
17.066	3.346	#####
27.097	11.058	242490
15.63	7.058	242,491,242,495
19.577	8.473	242492
14.546	6.666	380,772,406,897
15.424	5.104	6,585,380,773,406,890
30.905	8.836	380,775,381,821,406,000
21.23	9.058	94,307,379,869
21.23	9.058	610,868,610,927

likelihood	effect	ids
10.996	9.356	149605
15.197	12.356	149606
14.369	11.771	453608
12.15	10.186	562555
12.15	10.186	562556
14.369	11.771	621345
13.785	11.356	441286
11.938	10.034	453615



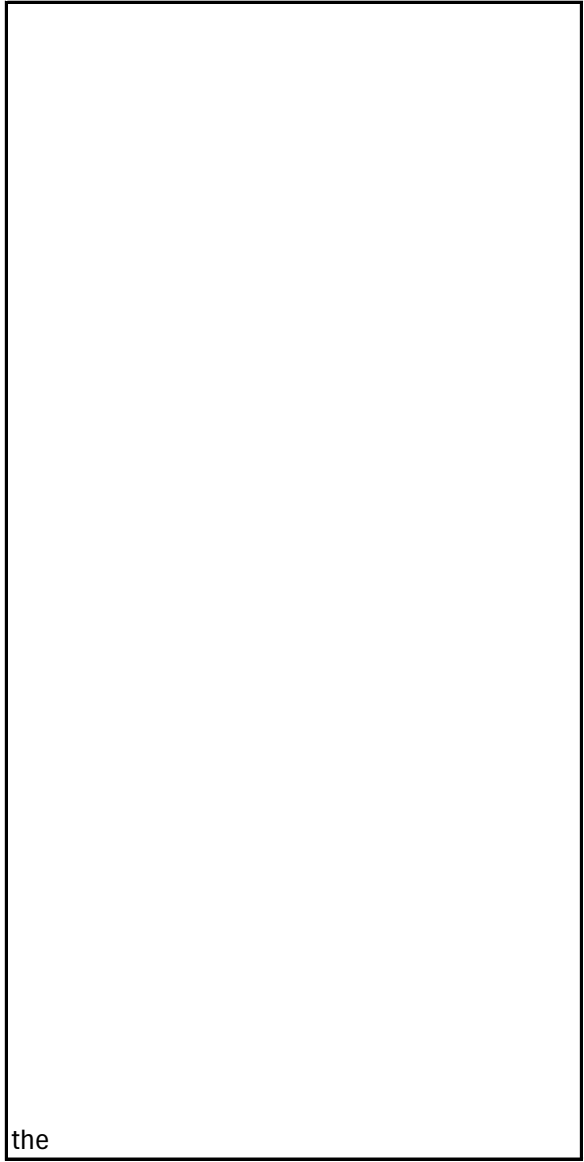
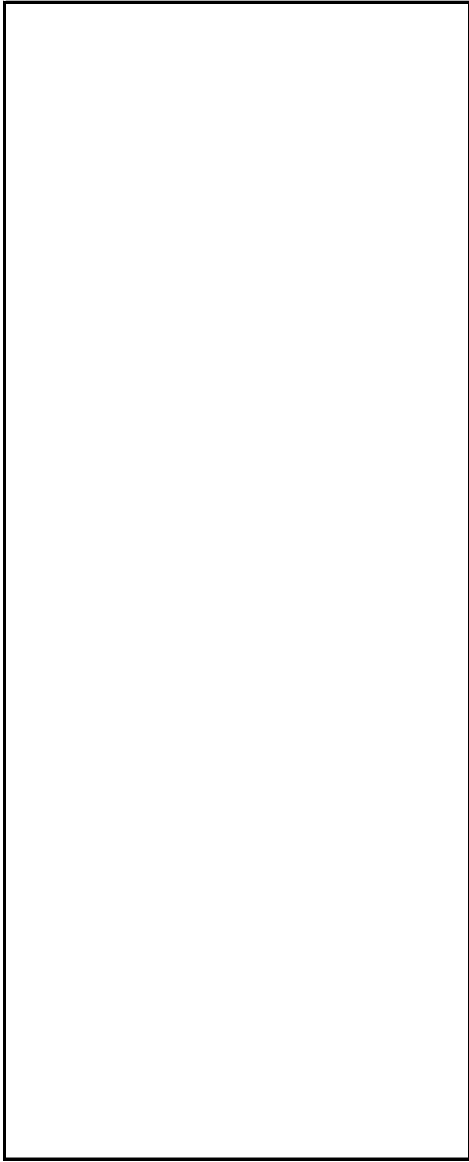
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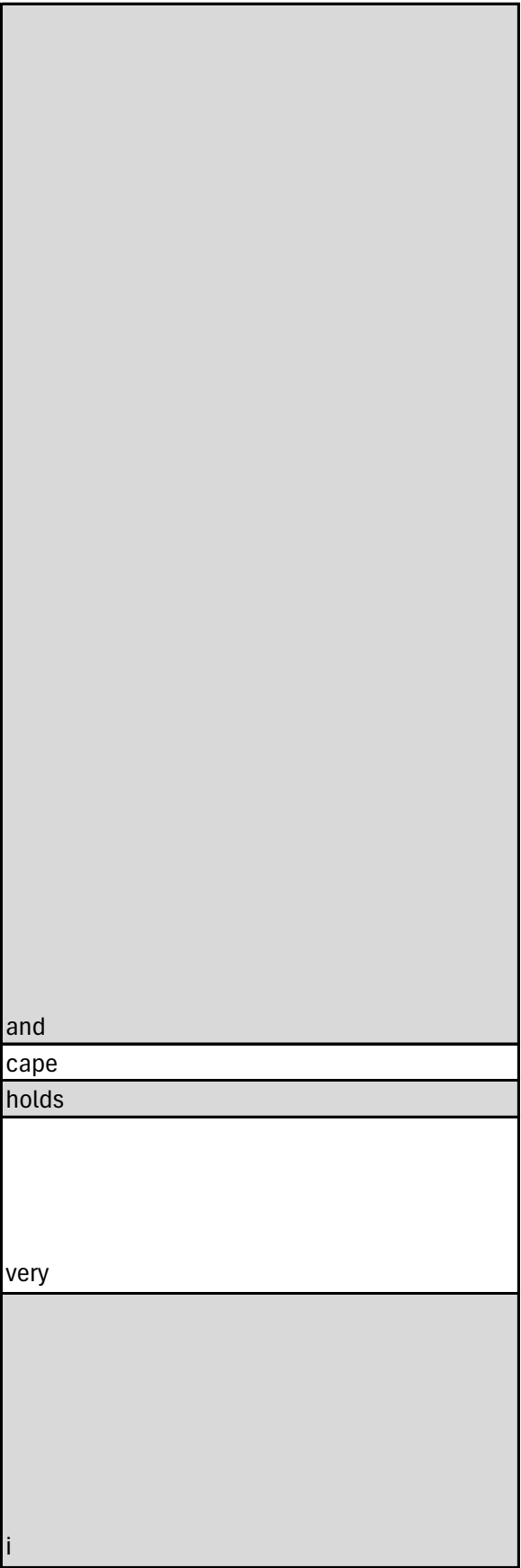
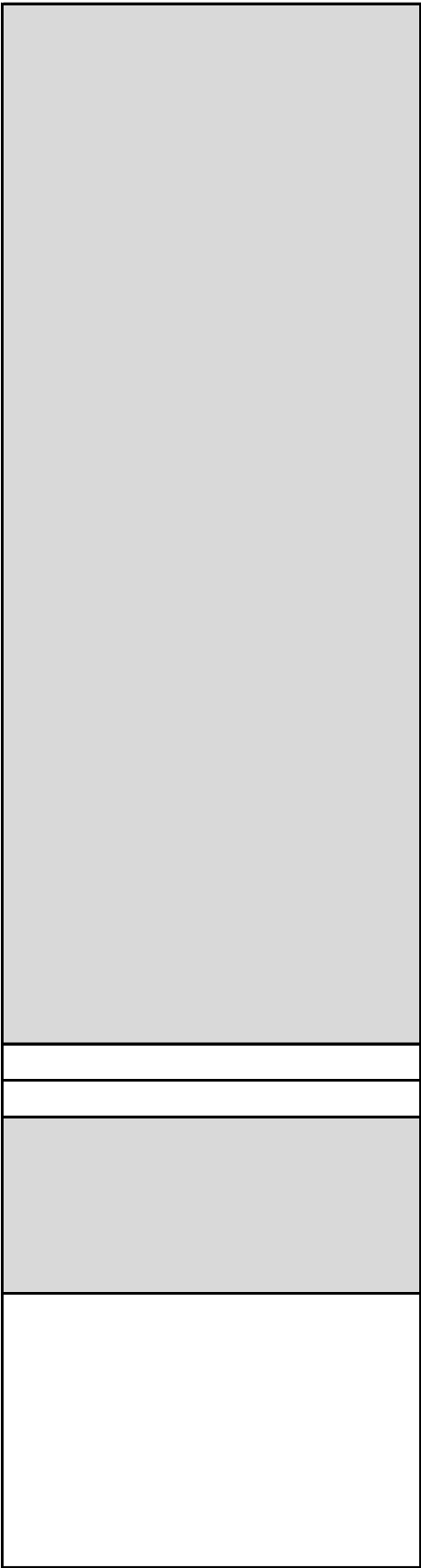
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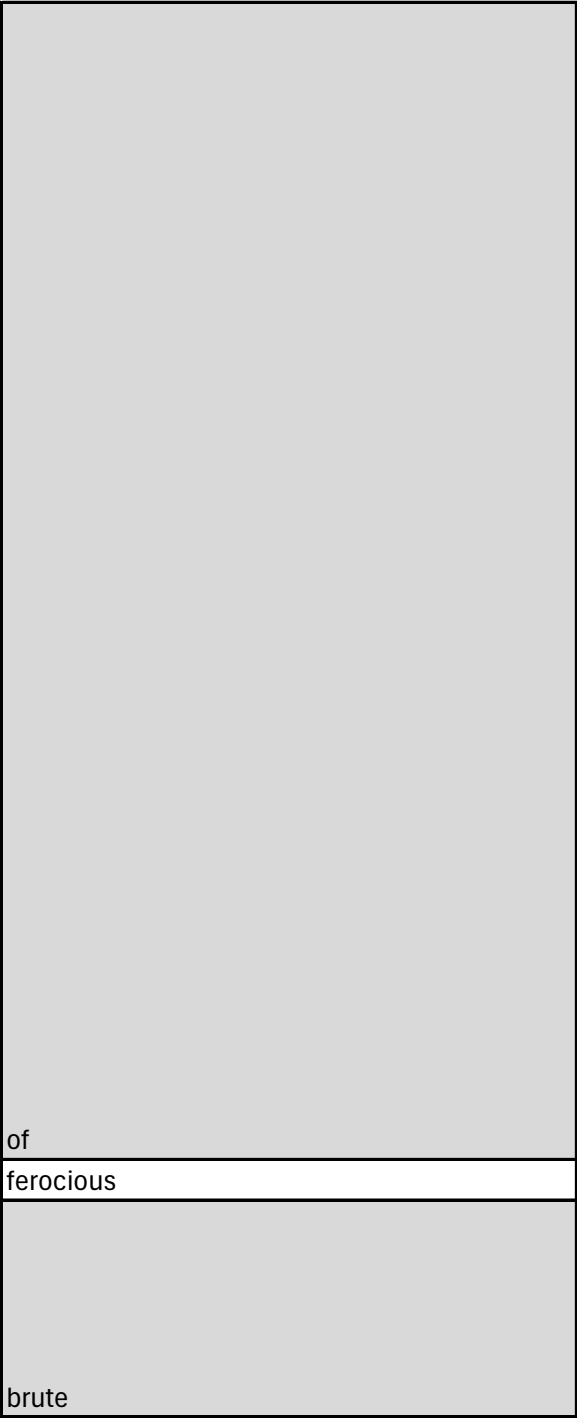
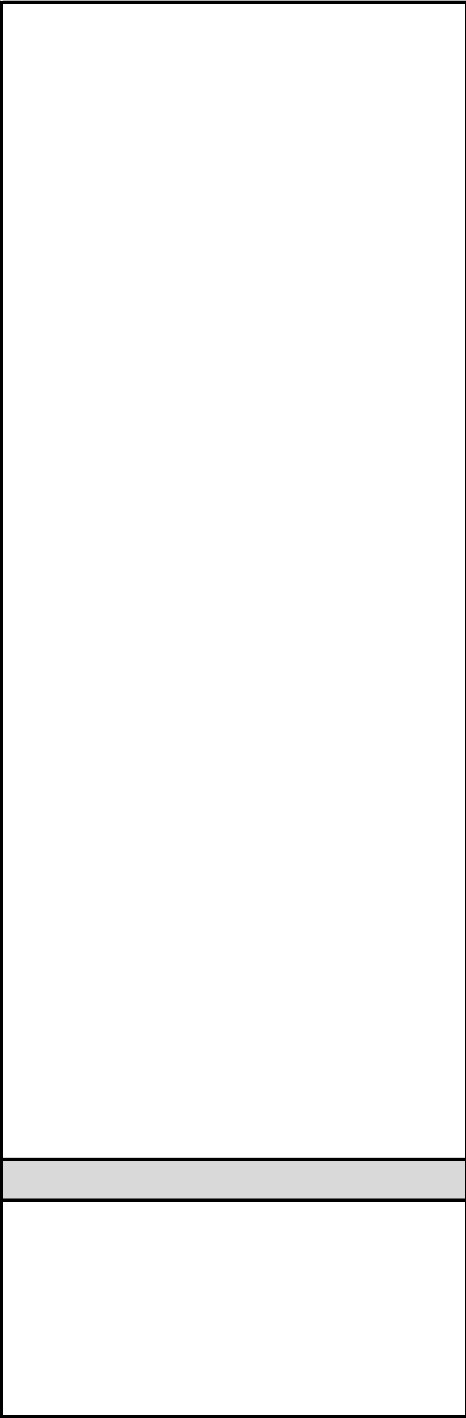
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freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
57330	39	29	10	1	39.207	1.719
20	2	2	0	1	20.944	8.918
200	6	5	1	1	48.022	7.181
50	2	1	1	1	17.166	7.596
50	2	1	1	1	17.166	7.596
10	2	2	0	1	23.935	9.918
1190	8	4	4	1	40.301	5.023
370	4	1	3	1	23.863	5.709
20	2	2	0	1	20.944	8.918
50	2	2	0	1	17.166	7.596
40	2	1	1	1	18.075	7.918
150	3	0	3	1	21.561	6.596
30	2	0	2	1	19.256	8.333
100	3	0	3	1	24.004	7.181

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
580	8	4	4	1	67.483	7.498
1250	3	3	0	1	14.905	4.975
200	6	4	2	1	59.975	8.619
830	3	1	2	1	17.302	5.566
640	3	2	1	1	18.836	5.941
2670	5	3	2	1	22.466	4.617
60	2	2	0	1	20.402	8.771
180	3	2	1	1	26.414	7.771
100	3	1	2	1	29.969	8.619
33990	14	6	8	1	24.67	2.432

Column1	Column2	Column3	Column4	Column5	Column6	Column7
freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect

13520	37	16	21	1	27.44	1.445
43440	94	23	71	1	43.976	1.107
600	31	28	3	1	185.199	5.684

457340	371	197	174	1	19.63	-0.309
1980	16	13	3	1	38.819	3.008
140	10	9	1	1	66.286	6.151
1010	8	6	2	1	19.121	2.979
730	8	3	5	1	23.777	3.447
6210	29	16	13	1	43.752	2.216
610	8	5	3	1	26.427	3.706
33230	75	32	43	1	38.491	1.167

157600	249	135	114	1	45.495	0.653
720	10	5	5	1	34.106	3.789
1170	12	3	9	1	34.224	3.351
50010	86	55	31	1	21.149	0.775
93450	28	19	9	1	64.785	-1.746
820	7	3	4	1	17.654	3.087
350	6	2	4	1	22.841	4.093
790	7	4	3	1	18.118	3.14
2420	19	11	8	1	45.143	2.966
500	6	3	3	1	18.831	3.578

5380	38	21	17	1	83.384	2.813
830	13	5	8	1	47.278	3.962
330	6	1	5	1	23.513	4.177
140	4	4	0	1	19.172	4.83
25170	52	15	37	1	21.685	1.04
60480	27	10	17	1	23.936	-1.17
1760	30	15	15	1	113.982	4.084
400	8	2	6	1	32.813	4.315
480	10	5	5	1	41.804	4.374
1790	10	1	9	1	17.956	2.475
460	7	6	1	1	25.071	3.921
500	7	2	5	1	23.976	3.8
150	4	4	0	1	18.632	4.73
430	6	4	2	1	20.512	3.796
1960	12	5	7	1	23.378	2.607
530	6	3	3	1	18.188	3.494
510	6	4	2	1	18.612	3.549
430	7	2	5	1	25.963	4.018
1610	10	5	5	1	19.721	2.628

42330	11	5	6	1	33.498	-1.951
180	6	3	3	1	30.578	5.052
110	4	3	1	1	21.073	5.177
460	6	3	3	1	19.758	3.698
19920	4	2	2	1	19.205	-2.323
5420	19	1	18	1	20.437	1.803
200	6	4	2	1	29.334	4.9
360	8	4	4	1	34.436	4.467
200	5	2	3	1	22.662	4.637
6290	60	25	35	1	163.625	3.247
30	3	2	1	1	21.968	6.637
6320	21	8	13	1	21	1.725
70	4	4	0	1	24.694	5.83
190	5	1	4	1	23.162	4.711
50	3	3	0	1	18.817	5.9
26570	5	3	2	1	26.738	-2.417
480	7	0	7	1	24.511	3.859
1240	10	0	10	1	24.219	3.005
860	10	0	10	1	30.811	3.533
160	5	0	5	1	24.845	4.959
140	4	0	4	1	19.172	4.83
15060	1	0	1	1	22.877	-3.92

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
320	1	1	0	1	10.427	8.941
260	1	1	0	1	10.842	9.24
50	1	1	0	1	14.153	11.619
10	1	1	0	1	17.455	13.941
340	1	1	0	1	10.306	8.853
110	1	1	0	1	12.566	10.481
430	1	1	0	1	9.836	8.514
50	1	0	1	1	14.153	11.619
380	1	0	1	1	10.083	8.693
360	1	0	1	1	10.191	8.771
160	1	0	1	1	11.814	9.941
50	1	0	1	1	14.153	11.619

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect

457340	293	145	148	1	68.038	-0.624
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214240	316	140	176	1	46.611	0.579
1550	10	10	0	1	20.66	2.708
60	3	3	0	1	17.815	5.662
7850	42	38	4	1	73.791	2.438
33990	61	47	14	1	18.164	0.862

2770	54	50	4	1	221	4.303
6220	21	8	13	1	21.992	1.774
120	4	3	1	1	20.521	5.077
170	4	2	2	1	17.793	4.575
230	7	1	6	1	34.66	4.946
130	4	1	3	1	19.89	4.962
1100	18	2	16	1	67.56	4.051
12070	31	23	8	1	21.195	1.379
18810	58	47	11	1	53.577	1.643
930	16	1	15	1	61.572	4.123
1330	10	4	6	1	23.298	2.929
1010	9	2	7	1	23.668	3.174
290	5	1	4	1	19.254	4.126
10	2	1	1	1	17.69	7.662
360	7	0	7	1	28.566	4.3
770	8	0	8	1	23.254	3.395
3870	16	0	16	1	21.53	2.066
220	12	0	12	1	73.382	5.788
110	4	0	4	1	21.209	5.203
380	8	0	8	1	33.87	4.414
40	3	0	3	1	20.287	6.247

110	5	0	5	1	28.736	5.525
13170	1	0	1	1	18.911	-3.701

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
10	1	1	0	1	16.325	13.133
10	1	1	0	1	16.325	13.133
20	1	1	0	1	14.886	12.133
120	1	0	1	1	11.262	9.548
90	1	0	1	1	11.84	9.963
90	1	0	1	1	11.84	9.963
30	1	0	1	1	14.058	11.548
10	1	0	1	1	16.325	13.133

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
10	1	1	0	1	13.615	11.186
200	2	2	0	1	17.855	7.864
400	2	2	0	1	15.089	6.864
10	1	1	0	1	13.615	11.186

10	1	1	0	1	13.615	11.186
10	1	1	0	1	13.615	11.186
10	1	1	0	1	13.615	11.186
10	1	1	0	1	13.615	11.186
10	1	1	0	1	13.615	11.186
580	3	0	3	1	22.847	6.913
10	1	0	1	1	13.615	11.186
10	1	0	1	1	13.615	11.186
10	1	0	1	1	13.615	11.186

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
130	6	2	4	1	49.638	7.366
157600	73	38	35	1	16.277	0.727
160	6	6	0	1	47.109	7.066
13670	18	6	12	1	27.535	2.234
33230	24	13	11	1	16.24	1.368
830	7	5	2	1	34.227	4.914
220	3	3	0	1	17.485	5.607

580	7	5	2	1	39.131	5.431
5570	30	15	15	1	121.168	4.267
790	6	5	1	1	28.116	4.762
4020	9	8	1	1	21.732	3
550	4	2	2	1	18.405	4.7
6210	48	4	44	1	227.636	4.788
1630	6	3	3	1	19.87	3.717
20	2	1	1	1	19.734	8.481
20	2	1	1	1	19.734	8.481
40	2	1	1	1	16.868	7.481
130	4	2	2	1	29.805	6.781
990	7	4	3	1	31.839	4.659
330	4	2	2	1	22.388	5.437
1010	5	3	2	1	19.331	4.145
180	3	2	1	1	18.676	5.896
1470	8	1	7	1	32.379	4.282

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
230	1	1	0	1	12.498	10.417
110	1	1	0	1	13.977	11.481
170	1	0	1	1	13.104	10.853
570	1	0	1	1	10.682	9.108
60	1	0	1	1	15.197	12.356
330	1	0	1	1	11.775	9.896
1100	1	0	1	1	9.37	8.159
20	1	0	1	1	17.428	13.941

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
60	1	1	0	1	12.387	10.356
400	2	2	0	1	19.967	8.619
40	1	0	1	1	13.206	10.941
60	1	0	1	1	12.387	10.356
10	1	0	1	1	16.056	12.941
100	1	0	1	1	11.359	9.619
70	1	0	1	1	12.076	10.133

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
830	11	11	0	1	99.634	7.938
110	2	1	1	1	19.332	8.394
70	3	3	0	1	34.218	9.631
350	2	2	0	1	14.703	6.724

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
190	2	2	0	1	17.639	7.786
1770	5	4	1	1	31.077	5.888
180	2	1	1	1	17.856	7.864
10	1	1	0	1	13.404	11.034
10	1	1	0	1	13.404	11.034
10	1	1	0	1	13.404	11.034
210	2	2	0	1	17.239	7.641
10	1	1	0	1	13.404	11.034
10	1	0	1	1	13.404	11.034
480	2	0	2	1	13.947	6.449
160	2	0	2	1	18.328	8.034

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
43440	43	35	8	1	52.022	1.925
1440	6	2	4	1	22.048	3.998
30	3	2	1	1	30.026	8.583
30	2	2	0	1	18.329	7.998
300	3	3	0	1	16.071	5.261
1590	5	5	0	1	15.754	3.592
20	2	2	0	1	20.016	8.583
1790	7	7	0	1	24.894	3.907
1130	6	1	5	1	24.803	4.348
30	2	2	0	1	18.329	7.998
60	5	0	5	1	48.143	8.32
810	4	0	4	1	15.979	4.243

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
121020	59	43	16	1	35.863	1.272
13170	18	15	3	1	38.366	2.759
400	3	1	2	1	15.878	5.215
5420	8	4	4	1	18.063	2.87
410	4	3	1	1	23.237	5.594
40	2	2	0	1	18.168	7.952
40	2	2	0	1	18.168	7.952
460	6	4	2	1	38.307	6.013
410	7	0	7	1	48.444	6.402
1270	9	0	9	1	46.679	5.133

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
1150	4	4	0	1	20.053	5.008
2420	6	2	4	1	26.176	4.519
300	3	1	2	1	21.27	6.531
50010	21	16	5	1	26.17	1.958
1210	4	3	1	1	19.658	4.934
80	2	2	0	1	17.847	7.853
60	2	0	2	1	19.01	8.268
121020	2	0	2	1	14.84	-2.71

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
10	1	1	0	1	13.69	11.24
190	2	2	0	1	18.211	7.992
40	2	2	0	1	24.512	10.24
320	2	2	0	1	16.128	7.24
300	2	1	1	1	16.386	7.333
170	2	2	0	1	18.657	8.153
300	2	2	0	1	16.386	7.333
10	1	1	0	1	13.69	11.24
140	3	0	3	1	31.615	9.018
510	2	0	2	1	14.275	6.568
720	2	0	2	1	12.91	6.07
10	1	0	1	1	13.69	11.24

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
121020	50	42	8	1	52.939	1.755
9950	18	17	1	1	63.783	3.885
40720	19	16	3	1	23.076	1.93

70	2	2	0	1	17.89	7.867
400	3	2	1	1	18.822	5.937
120	2	1	1	1	15.722	7.089

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
210	4	4	0	1	19.936	4.978
730	16	16	0	1	84.198	5.181
570	10	5	5	1	48.25	4.86

300050	261	164	97	1	32.605	0.526
260	6	6	0	1	32.168	5.255
30	3	3	0	1	25	7.371

214240	206	102	104	1	39.957	0.67
27120	62	54	8	1	74.413	1.92
43440	7	2	5	1	20.095	-1.907
80	3	3	0	1	18.979	5.956
180	5	4	1	1	28.639	5.523
600	5	4	1	1	17.008	3.786
1620	10	3	7	1	28.51	3.353
240	12	9	3	1	82.905	6.371
240	7	6	1	1	40.777	5.593
3200	17	16	1	1	43.912	3.136
230	15	14	1	1	111.767	6.754
60	6	4	2	1	50.004	7.371
970	12	8	4	1	49.803	4.356
870	38	33	5	1	252.397	6.176

20	2	1	1	1	16.666	7.371
390	6	1	5	1	27.413	4.67
6070	17	12	5	1	25.558	2.213
1860	9	7	2	1	21.747	3.002
830	6	3	3	1	18.831	3.581
70	4	4	0	1	28.712	6.563
2740	10	4	6	1	19.325	2.595
1870	11	10	1	1	30.406	3.283
150	4	3	1	1	22.587	5.464
90	3	1	2	1	18.271	5.786
660	20	4	16	1	118.093	5.648
1720	8	5	3	1	18.775	2.945
150	4	1	3	1	22.587	5.464
340	5	2	3	1	22.406	4.605
570	9	4	5	1	41.579	4.708
950	7	4	3	1	22.218	3.608
280	4	2	2	1	17.7	4.563
20	3	1	2	1	27.584	7.956
110	3	3	0	1	17.073	5.496
110	3	1	2	1	17.073	5.496
60	4	3	1	1	29.973	6.786
240	8	4	4	1	48.733	5.786
490	7	5	2	1	30.98	4.563
70	3	1	2	1	19.784	6.148
20	2	1	1	1	16.666	7.371
350	7	2	5	1	35.562	5.049
10	2	1	1	1	19.649	8.371
24190	1	0	1	1	21.923	-3.869
310	10	0	10	1	60.267	5.739
90	3	0	3	1	18.271	5.786
70	3	0	3	1	19.784	6.148
290	4	0	4	1	17.429	4.513
20	2	0	2	1	16.666	7.371

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
24990	19	16	3	1	18.097	1.673
780	4	1	3	1	16.946	4.426

8000	15	14	1	1	35.813	2.975
8250	14	7	7	1	30.993	2.831
38040	30	11	19	1	30.21	1.725
170	3	3	0	1	19.963	6.209
5320	8	2	6	1	16.039	2.657
930	6	1	5	1	28.075	4.758
1210	6	6	0	1	25.041	4.378
900	5	1	4	1	21.952	4.542
6760	9	2	7	1	16.222	2.481
40	2	2	0	1	17.504	7.712
10	2	1	1	1	23.363	9.712
2900	8	0	8	1	24.608	3.532
10	2	0	2	1	23.363	9.712

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
10	1	1	0	1	14.025	11.481
840	3	3	0	1	21.865	6.674
320	2	2	0	1	16.795	7.481
10	1	1	0	1	14.025	11.481
10	1	1	0	1	14.025	11.481
620	2	1	1	1	14.164	6.527
10	1	0	1	1	14.025	11.481

freq_s	freq_lr	freq_l	freq_r	range	likelihood	effect
10	1	1	0	1	14.664	11.941
20	1	1	0	1	13.225	10.941
30	1	1	0	1	12.397	10.356
10	1	1	0	1	14.664	11.941
1330	3	0	3	1	21.039	6.47
13370	7	0	7	1	29.306	4.363
30	1	0	1	1	12.397	10.356
230	2	0	2	1	19.391	8.417
10	1	0	1	1	14.664	11.941
20	1	0	1	1	13.225	10.941

ids	T Value
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148,816,181,522	
148857	
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305119	
480585	
116,973,183,533,395,000	
461,118,461,186	
565,338,565,455,565,000	
ids	
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503,791,568,250,488	
#####	
5,519,780,689,108,430	
5,519,880,690,223,840	
#####	
94,243,249,739	
107,936,110,751,243,000	
108,432,108,570,196,000	
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Column8	
ids	

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