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
eiected	10	1	0	1	1
executyng	10	1	0	1	1
nations	860	3	0	3	1
cacoa	10	1	0	1	1
fyercenesse	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

type	freq_s	freq_lr	freq_l	freq_r	range
traueyle	180	2	0	2	1

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

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

	freq_s	freq_lr	freq_l	freq_r	range
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

villages	600	4	0	4	1
buildings	60	2	0	2	1

Collocation: Generous					

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
thankes	150	7	6	1	1
almyghty	30	3	3	0	1
honoured	310	5	4	1	1

type	freq_s	freq_lr	freq_l	freq_r	range
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

	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
vnknowen	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

type	freq_s	freq_lr	freq_l	freq_r	range
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

geuenesse	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
continuall	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
abhominable	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	247,1718,1743,1747,3241,3244,16615,16620,16632,16638,16709,17397,17402,19751,21582,21814,23622,23626,23631,35992,38932,39227,39230,41884,50349,54547,54549,56098,59274,59277,59281,59304,59307,59604,59613,63645,64010,64013,64569,64575,71877,72674,78846,80822,80902,80908,89426,89432,98616,98765,98768,99724,100465,100468,102028,102032,103324,103327,112528,120419,120634,120639,120668,129001,129051,129054,134528,169536,172214,180320,180773,190652,195354,195357,195537,197832,213035,213038,213607,222105,222110,229810,231511,231517,236621,240263,254412,254656,254863,254870,258406,262199,263017,264264,264271,276524,277809,277814,279414,281420,281423,283262,284947,284953,285303,297951,300429,300432,300436,303022,303026,303571,304650,313051,314942,315619,315900,317750,317753,319603,321618,327882,327888,328025,328030,328503,328506,328508,328512,334632,334851,336453,336456,337771,337774,337778,340742,346181,347524,358205,358271,358277,360526,363165,364421,365340,365342,368613,368616,368773,369864,369898,369986,369990,370062,370907,372597,374069,374072,376894,384536,384540,391505,391656,393608,402940,402943,402946,404265,406459,409996,413290,413293,413791,413794,413850,414514,415355,416553,416557,416719,416799,416802,416845,416848,416974,417973,417977,418216,418220,418342,419175,420366,421030,421676,421680,421995,422272,422276,422566,423949,423951,425712,425716,426381,426515,428115,428119,428203,428744,428906,429931,429933,435077,435081,437614,437857,468100,468664,471535,471541,473352,476457,477458,479033,479037,484946,487337,487373,487376,487545,487550,492761,492764,493345,493348,503352,503355,503361,509876,510077,510083,517496,518288,518329,518564,519689,519694,526678,526681,528683,537591,537594,537854,537857,542683,542816,543710,543771,543776,544570,544590,551654,551737,553647,553688,553690,553812,554106,554291,561852,561855,561857,562052,563407,563410,563413,564360,564384,572482,572768,572797,572802,572827,572858,572860,572878,572893,572935,574374,575576,575649,575666,575674,576154,576626,576743,576749,577119,578303,578338,578476,578947,579068,579099,579102,579586,579591,579951,580265,580997,581299,581473,581796,582112,582120,582374,582377,582380,582462,583352,583784,584579,584748,584824,584827,584833,585158,585285,585365,585369,585
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

15.587	7.043	254,021,254,022

likelihood	effect	ids
19.051	0.876	6238,17918,32171,42890,57865,71377,71381,72423,77692,88284,121055,152375,156327,196012,200239,267750,267796,276366,289284,289321,290702,290708,294289,304652,307056,307058,312999,319048,319819,321880,328212,328341,335521,335526,336210,336214,337432,339079,342048,343904,345184,347270,355981,376780,377032,379451,383514,390390,392086,401389,430103,430528,435874,441369,490069,493413,501824,501849,542428,622735
18.841	5.941	4,288,577,694,109,130
15.035	2.777	##########################
34.018	6.32	##########################
57.878	8.356	##########################
23.782	7.133	289,538,343,907,390,000
19.494	4.17	##########################
24.712	7.356	387,893,387,896,395,000
18.374	8.034	267,752,350,656
24.712	7.356	313,002,377,034,580,000
18.374	8.034	328,215,342,264
20.591	5.108	383,516,580,785,580,000,000,000

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	6798,7025,7028,9568,21453,32223,43087,43448,56032,57752,57801,61837,79139,86275,88049,88058,91343,91346,93942,93947,117603,130823,154659,154733,155050,155499,156124,186727,186732,198250,198253,200206,204034,212288,212291,213490,229693,236010,238004,243307,243442,243450,244332,244680,245034,245038,245063,245065,245988,245991,246025,246644,246654,246660,246847,246892,247032,247053,247056,247551,247661,247663,248369,248373,248377,248844,248846,248848,248850,248955,248988,249155,249572,249751,250960,251635,251699,251703,251816,252093,254779,256418,256422,257679,257688,258547,258551,268159,268471,268806,268809,268955,269224,270436,282838,294363,296287,305027,305233,325843,345564,351858,359932,359937,359940,362557,380174,382173,400103,401710,401805,401811,402826,402829,414901,415014,444065,455187,458456,462935,464391,464951,464956,466113,466118,469074,469080,470313,477786,521028,522200,522204,522421,526819,543086,543151,543154,552039,553687,557327,560533,566032,566111,566114,566266,566272,566279,566536,570427,570526,572508,574994,575087,577782,585065,585676,585679,599674,601198,605432,627934,627940
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 ,89033,110264,110268,112867,122701,125243,149610,1539 03,154424,154430,155707,155723,159276,166555,177805,1 79916,182553,182561,195598,195604,206701,221065,2237 62,262218,268750,277421,278140,278146,285326,300691,3 22735,328255,339136,342737,342741,343708,351272,3539 29,356931,358885,370915,379833,380423,489141,510802,5 87201,589896,589901,624201,624203
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	############################

likelihood	effect	ids
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

likelihood	effect	ids
50.828	0.835	2042,2045,2195,6522,6531,6667,11144,11147,13823,13829,14232,14236,14321,15091,15093,15299,18524,18530,23138,25053,26463,33047,43311,43319,43624,43746,43750,43756,44878,45895,45897,64771,72903,72905,72910,74016,82222,83866,83870,84650,84652,85225,85230,85630,89386,94848,95047,95051,102912,102916,104189,104985,108088,108092,114694,115805,115809,115812,122992,122998,123022,123026,125120,125125,125206,125539,131384,131467,131469,131854,131857,134166,134193,134199,135869,135905,135909,136522,136528,136588,137032,137372,137656,138548,139399,142586,143208,144443,144446,145568,145571,145574,145650,147394,147398,147650,147654,152516,156640,157003,157005,157009,157743,157811,157898,158233,158408,158497,161720,162170,166300,166563,167269,167272,172745,172939,172944,174964,174973,175174,175178,175181,181006,182542,187289,187293,187296,188608,189203,189206,189492,191460,191462,191500,191503,191613,197262,202264,202267,205610,205612,205615,206785,214770,215579,224504,224507,224513,267515,267517,272140,288293,302418,309458,309461,309464,350535,491635,542802,542804,557199,557203,557235,558241,573430,573435
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

likelihood	effect	ids
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

likelihood	effect	ids
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	############################
19.855	0.713	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
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	254401,275812,282949,284822,284841,298124,299894,322316,335795,349091,352230,358612,365120,373365,379472,381257,381260,381802,386254,390752,404252,441627,441630,444570,451406,464660,485871,489581,494258,494528,498251,500610,502613,506001,510137,512552,529867,534890,536579,536949,539456,567362,567777,587787,587792,587957,588159,588231,589548,605553,622566,627984

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

likelihood	effect	ids
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

Collocation: Blood

type	freq_s	freq_lr	freq_l	freq_r
with	57330	39	29	10
shedding	20	2	2	0
shed	200	6	5	1
razor	50	2	1	1
sprinkled	50	2	1	1
decomposed	10	2	2	0
blood	1190	8	4	4
victims	370	4	1	3
sheddyng	20	2	2	0
raunsome	50	2	2	0
finest	40	2	1	1
lips	150	3	0	3
nephewe	30	2	0	2
cocke	100	3	0	3

Collocation: Caribs

type	freq_s	freq_lr	freq_l	freq_r
cannibals	580	8	4	4
inhabited	1250	3	3	0
origin	200	6	4	2
human	830	3	1	2
flesh	640	3	2	1
islands	2670	5	3	2
ravage	60	2	2	0
caribana	180	3	2	1
anthropophagi	100	3	1	2
i	33990	14	6	8

Collocation: Cortes

	Column1	Column2	Column3	Column4
type	freq_s	freq_lr	freq_l	freq_r

him	13520	37	16	21
his	43440	94	23	71
fernando	600	31	28	3

the	457340	371	197	174
letters	1980	16	13	3
macnutt	140	10	9	1
fleet	1010	8	6	2
mexico	730	8	3	5
s	6210	29	16	13
commander	610	8	5	3
was	33230	75	32	43

to	157600	249	135	114
letter	720	10	5	5
received	1170	12	3	9
by	50010	86	55	31
they	93450	28	19	9
colony	820	7	3	4
founded	350	6	2	4
visit	790	7	4	3
against	2420	19	11	8
chiefs	500	6	3	3

sent	5380	38	21	17
messengers	830	13	5	8
camp	330	6	1	5
forces	140	4	4	0
had	25170	52	15	37
is	60480	27	10	17
muteczuma	1760	30	15	15
informed	400	8	2	6
envoys	480	10	5	5
himself	1790	10	1	9
pay	460	7	6	1
marched	500	7	2	5
salute	150	4	4	0
meet	430	6	4	2
under	1960	12	5	7
possession	530	6	3	3
reports	510	6	4	2
conquest	430	7	2	5
town	1610	10	5	5

are	42330	11	5	6
narvaez	180	6	3	3
partisans	110	4	3	1
tascalteca	460	6	3	3
there	19920	4	2	2
has	5420	19	1	18
cristobal	200	6	4	2
olid	360	8	4	4
alvarado	200	5	2	3
ii	6290	60	25	35
godson	30	3	2	1
note	6320	21	8	13
accompanies	70	4	4	0
marches	190	5	1	4
ferd	50	3	3	0
theyr	26570	5	3	2
charles	480	7	0	7
latter	1240	10	0	10
ordered	860	10	0	10
writes	160	5	0	5
pretext	140	4	0	4
whiche	15060	1	0	1

Collocation: Enslave				
type	freq_s	freq_lr	freq_l	freq_r
frequently	320	1	1	0
repeated	260	1	1	0
explains	50	1	1	0
forays	10	1	1	0
massacre	340	1	1	0
murder	110	1	1	0
prisoners	430	1	1	0
downfall	50	1	0	1
thanks	380	1	0	1
poncha	360	1	0	1
warlike	160	1	0	1
victors	50	1	0	1

Collocation: Good				
type	freq_s	freq_lr	freq_l	freq_r

the	457340	293	145	148

and	214240	316	140	176
cape	1550	10	10	0
holds	60	3	3	0
very	7850	42	38	4
i	33990	61	47	14

thought	2770	54	50	4
your	6220	21	8	13
singuler	120	4	3	1
lady	170	4	2	2
seruice	230	7	1	6
credit	130	4	1	3
hope	1100	18	2	16
many	12070	31	23	8
haue	18810	58	47	11
fortune	930	16	1	15
fyshe	1330	10	4	6
eaten	1010	9	2	7
tast	290	5	1	4
craued	10	2	1	1
stature	360	7	0	7
eat	770	8	0	8
reason	3870	16	0	16
successe	220	12	0	12
cheare	110	4	0	4
store	380	8	0	8
corporature	40	3	0	3

cheape	110	5	0	5
called	13170	1	0	1

Collocation: Heathen				
type	freq_s	freq_lr	freq_l	freq_r
culated	10	1	1	0
perpetuate	10	1	1	0
chrystian	20	1	1	0
belief	120	1	0	1
practice	90	1	0	1
giapans	90	1	0	1
nameth	30	1	0	1
scithian	10	1	0	1

Collocation: Innocent				
type	freq_s	freq_lr	freq_l	freq_r
deserts	10	1	1	0
shed	200	2	2	0
simple	400	2	2	0
groans	10	1	1	0

type	freq_s	freq_lr	freq_l	freq_r
pontificates	10	1	1	0
serable	10	1	1	0
symplye	10	1	1	0
wronges	10	1	1	0
macrobios	10	1	1	0
viii	580	3	0	3
suade	10	1	0	1
spoliation	10	1	0	1
enforcement	10	1	0	1

Collocation: Muteczuma

type	freq_s	freq_lr	freq_l	freq_r
vassals	130	6	2	4
to	157600	73	38	35
vassal	160	6	6	0
who	13670	18	6	12
was	33230	24	13	11
messengers	830	7	5	2
hatred	220	3	3	0

subjects	580	7	5	2
cortes	5570	30	15	15
visit	790	6	5	1
time	4020	9	8	1
capital	550	4	2	2
s	6210	48	4	44
asked	1630	6	3	3
coatelimacco	20	2	1	1
tachintepec	20	2	1	1
reproached	40	2	1	1
catamazin	130	4	2	2
temistitan	990	7	4	3
sons	330	4	2	2
son	1010	5	3	2
spite	180	3	2	1
brother	1470	8	1	7

Collocation: Pagan

type	freq_s	freq_lr	freq_l	freq_r
restored	230	1	1	0
proofe	110	1	1	0
circumcised	170	1	0	1
sacrifice	570	1	0	1
boys	60	1	0	1
borderers	330	1	0	1
com	1100	1	0	1
mendator	20	1	0	1

Collocation: Peaceful

type	freq_s	freq_lr	freq_l	freq_r
prevented	60	1	1	0
living	400	2	2	0
tranquil	40	1	0	1
ending	60	1	0	1
overtures	10	1	0	1
inclined	100	1	0	1
permissible	70	1	0	1

Collocation: Race

type	freq_s	freq_lr	freq_l	freq_r
human	830	11	11	0
belonged	110	2	1	1
salvation	70	3	3	0
created	350	2	2	0

Collocation: Savage

type	freq_s	freq_lr	freq_l	freq_r
canoe	190	2	2	0
naked	1770	5	4	1
monstrous	180	2	1	1
enmities	10	1	1	0
acclimatised	10	1	1	0
crafty	10	1	1	0
defeated	210	2	2	0
disastrously	10	1	1	0
mood	10	1	0	1
beasts	480	2	0	2
clothed	160	2	0	2

Collocation: Soul

type	freq_s	freq_lr	freq_l	freq_r
his	43440	43	35	8
dead	1440	6	2	4
immortal	30	3	2	1
feeblenesse	30	2	2	0
fiftie	300	3	3	0
thousande	1590	5	5	0
seelye	20	2	2	0
olde	1790	7	7	0
dariena	1130	6	1	5
deuouryng	30	2	2	0
diers	60	5	0	5
appoynted	810	4	0	4

Collocation: Spanish

type	freq_s	freq_lr	freq_l	freq_r
in	121020	59	43	16
called	13170	18	15	3
rule	400	3	1	2
has	5420	8	4	4
word	410	4	3	1
pax	40	2	2	0
augusta	40	2	2	0
latin	460	6	4	2
sovereigns	410	7	0	7
tongue	1270	9	0	9

Collocation: Violence

type	freq_s	freq_lr	freq_l	freq_r
use	1150	4	4	0
against	2420	6	2	4
fury	300	3	1	2
by	50010	21	16	5
over	1210	4	3	1
forbade	80	2	2	0
outrage	60	2	0	2
in	121020	2	0	2

Collocation: Virtue

type	freq_s	freq_lr	freq_l	freq_r
warhke	10	1	1	0
wounds	190	2	2	0
gifted	40	2	2	0
possess	320	2	2	0
herbs	300	2	1	1
hidden	170	2	2	0
courage	300	2	2	0
exalting	10	1	1	0
powers	140	3	0	3
held	510	2	0	2
experience	720	2	0	2
congratulating	10	1	0	1

Collocation: Wise				
type	freq_s	freq_lr	freq_l	freq_r
in	121020	50	42	8
such	9950	18	17	1
this	40720	19	16	3
judged	70	2	2	0
bridges	400	3	2	1

singuler	120	2	1	1

Collocation: Beast				
type	freq_s	freq_lr	freq_l	freq_r
hunters	210	4	4	0
wild	730	16	16	0
lions	570	10	5	5
of	300050	261	164	97
ferocious	260	6	6	0
brute	30	3	3	0

and	214240	206	102	104
other	27120	62	54	8
his	43440	7	2	5
skins	80	3	3	0
monstrous	180	5	4	1
straunge	600	5	4	1
fruites	1620	10	3	7
tame	240	12	9	3
kindes	240	7	6	1
foure	3200	17	16	1
footed	230	15	14	1
wyld	60	6	4	2
kyndes	970	12	8	4
wylde	870	38	33	5

vsias	20	2	1	1
shape	390	6	1	5
lyke	6070	17	12	5
plentie	1860	9	7	2
beast	830	6	3	3
bruite	70	4	4	0
bee	2740	10	4	6
dyuers	1870	11	10	1
differyng	150	4	3	1
noysome	90	3	1	2
foules	660	20	4	16
diuers	1720	8	5	3
tygers	150	4	1	3
tigers	340	5	2	3
byrdes	570	9	4	5
fyshes	950	7	4	3
kyne	280	4	2	2
bardati	20	3	1	2
heardes	110	3	3	0
mules	110	3	1	2
skinnes	60	4	3	1
skynnes	240	8	4	4
lyuyng	490	7	5	2
woolues	70	3	1	2
mors	20	2	1	1
kyll	350	7	2	5
sowde	10	2	1	1
at	24190	1	0	1
burden	310	10	0	10
birdes	90	3	0	3
hydes	70	3	0	3
ha	290	4	0	4
bisontes	20	2	0	2

Collocation: Kill				
type	freq_s	freq_lr	freq_l	freq_r
were	24990	19	16	3
captured	780	4	1	3

been	8000	15	14	1
spaniards	8250	14	7	7
them	38040	30	11	19
arrow	170	3	3	0
natives	5320	8	2	6
arrows	930	6	1	5
either	1210	6	6	0
wounded	900	5	1	4
man	6760	9	2	7
quinones	40	2	2	0
woimded	10	2	1	1
number	2900	8	0	8
massacring	10	2	0	2

Collocation: Justice				
type	freq_s	freq_lr	freq_l	freq_r
grade	10	1	1	0
chief	840	3	3	0
love	320	2	2	0
scant	10	1	1	0
esteems	10	1	1	0
twelve	620	2	1	1
dining	10	1	0	1

Collocation: Convert				

type	freq_s	freq_lr	freq_l	freq_r
anarchy	10	1	1	0
mounds	20	1	1	0
traps	30	1	1	0
ely	10	1	1	0
religion	1330	3	0	3
into	13370	7	0	7
denounced	30	1	0	1
certainly	230	2	0	2
kneel	10	1	0	1
christianity	20	1	0	1

range	likelihood	effect	ids
1	39.207	1.719	######################
1	20.944	8.918	27,875,181,722
1	48.022	7.181	######################
1	17.166	7.596	117,540,125,399
1	17.166	7.596	148,816,181,522
1	23.935	9.918	148857
1	40.301	5.023	######################
1	23.863	5.709	######################
1	20.944	8.918	289,548,557,297
1	17.166	7.596	305119
1	18.075	7.918	480585
1	21.561	6.596	116,973,183,533,395,000
1	19.256	8.333	461,118,461,186
1	24.004	7.181	565,338,565,455,565,000

range	likelihood	effect	ids
1	67.483	7.498	######################
1	14.905	4.975	503,791,568,250,488
1	59.975	8.619	######################
1	17.302	5.566	5,519,780,689,108,430
1	18.836	5.941	5,519,880,690,223,840
1	22.466	4.617	######################
1	20.402	8.771	94,243,249,739
1	26.414	7.771	107,936,110,751,243,000
1	29.969	8.619	108,432,108,570,196,000
1	24.67	2.432	######################

Column5	Column6	Column7	Column8
range	likelihood	effect	ids

1	27.44	1.445	3715,121329,121475,130561,130564,131241,131713,132165,132274,134433,137411,137711,141667,143046,144193,144415,144420,150365,151909,151992,153244,156752,167459,167848,198092,213573,214134,216014,216631,222553,617386,617979,618068,618179,618309,618808,623460
1	43.976	1.107	112907,121233,121962,129180,129630,130661,131097,131705,132104,133477,133692,134246,134349,135713,135914,136855,136922,137561,137743,138670,140385,140679,141072,143002,143342,143935,144126,144589,144967,145209,150375,151784,151791,151959,152495,152531,152821,153636,154156,154191,154330,155126,155254,156289,156695,156897,157086,158226,158229,158240,166293,166715,167011,167364,167391,168452,173923,177516,196630,197924,197931,198177,213575,216178,216563,216730,217141,219276,219755,219905,219912,222911,234251,236063,236065,236117,236349,236353,236709,236800,236848,237830,239843,240178,240185,442790,613279,619121,619127,620561,620636,622202,623306,623766
1	185.199	5.684	########################

1	19.63	-0.309	112912,112920,119652,119825,120443,120479,120619,121223,121322,122012,122072,122879,123123,123691,123696,123709,123782,123793,124302,124305,124866,124872,126812,126819,128743,128817,129237,129303,129306,129477,129551,130222,130232,130414,130498,130671,131033,131039,131834,131844,131970,131973,132101,132170,132362,132432,132670,132754,132857,132914,132955,132964,133293,133298,133469,133539,133542,133685,133688,133772,133811,134342,134794,135143,135382,135388,135729,135732,135765,135807,135812,135909,135916,135933,136073,136081,136282,136360,136528,136999,137005,137044,137185,137256,137263,137388,137392,137421,137622,137703,137750,138221,138223,138570,138662,138818,139013,139017,139062,139144,139241,139362,139365,139430,139576,139733,139752,139756,140377,140473,140576,140671,140758,140784,140863,141116,141932,141979,142395,142777,142950,142955,142995,143335,143411,143419,143753,144119,144594,144877,145202,145260,145552,148184,148260,148268,148607,148612,148751,148758,148882,149310,149577,149662,149999,150195,150360,151566,151636,151687,151733,151781,152127,152307,152516,153047,153198,153237,153327,153548,153629,153675,153794,153803,154149,154255,154261,154699,154707,154786,154791,154794,154919,155245,155248,155643,155778,155818,156099,156125,156133,156284,156748,157304,157328,157602,157669,157858,158070,158078,158126,158400,158408,158478,158483,158906,158914,159255,159342,166829,167031,167039,167314,167369,167417,167421,167424,168306,168308,168340,168348,168388,168446,168456,172144,172150,172379,172530,172532,172958,172963,173013,173560,173917,175883,177510,178464,178471,178503,196635,197384,197524,197867,197928,197951,198094,198123,213223,213541,213595,213937,213944,214162,215173,215228,215252,215452,215512,215599,215800,215926,216008,216076,216082,216109,216113,216117,216169,216300,216382,216504,216511,216514,216565,216591,216624,216723,216801,218146,218159,218685,219033,219035,219218,219269,219482,219
1	38.819	3.008	########################
1	66.286	6.151	########################
1	19.121	2.979	########################
1	23.777	3.447	########################
1	43.752	2.216	########################
1	26.427	3.706	########################
1	38.491	1.167	120472,120484,120621,121225,121659,123785,130333,130512,130518,133473,133959,134086,134788,135075,135735,135949,136078,136352,136768,137707,138880,141139,144663,148266,149289,149427,150198,152206,152523,153013,153796,153843,153849,155823,156027,156812,157078,157312,157441,157857,158074,158476,158940,159339,166288,166879,166882,166937,167318,167800,178507,197658,198069,215172,215259,216275,216854,218879,222092,222154,223018,237371,237374,390768,617392,618030,618439,618990,619035,620437,620875,622284,622870,623711

1	45.495	0.653	112924,120615,121231,121328,121474,121582,121957,122934,123116,123244,123715,128821,128906,129311,129480,130337,130495,130514,130554,131234,131708,131843,132276,132677,132864,132913,133358,133467,133541,133966,134245,134339,134341,134351,134431,134438,134892,135003,135077,135149,135652,135929,135954,135956,136278,136281,136526,136906,136921,137035,137042,137558,137625,137710,137740,138574,138813,138882,139012,139021,139067,139234,139570,140582,140761,140857,141068,141133,141420,141424,142394,142456,142569,142785,142994,143036,143044,143094,143229,143339,143932,144123,144192,144196,144416,144484,144836,144839,145205,145211,148094,148606,148757,148910,148968,149119,149293,150194,151483,151565,151727,151908,151957,152306,152503,152518,152526,152659,152819,153017,153042,153240,153260,153852,154264,154363,154664,155762,155764,156132,156697,156756,157306,157331,157509,157673,157822,158007,158012,158202,158204,158221,158250,158407,158720,158723,166322,166935,167255,167366,167454,167602,172965,174604,177518,197522,197568,197661,197664,197850,197853,197862,197926,198587,198589,198593,213227,214132,215384,215451,216256,216282,216404,216588,216800,216851,218142,218169,219043,219268,219689,219754,219804,219908,219930,220396,221207,221452,222548,222550,222552,222618,222639,222700,222829,222904,223014,223210,234244,236112,236223,236412,236436,236564,236703,236708,236798,237024,237352,242010,243370,243827,245123,246018,246425,247119,247428,248821,249105,249922,250211,250735,251116,251209,251268,251313,251802,252206,613277,618035,618806,619124,619157,619159,619183,619581,619759,620411,620439,620478,620486,620536,620638,621559,622243,622251,622370,622495,622731,622816,623294,623312,623681,624218
1	34.106	3.789	#######################
1	34.224	3.351	#######################
1	21.149	0.775	113693,121330,121668,123690,131036,132867,136273,137564,138220,141071,141894,143092,145259,147695,148130,148264,149291,150003,151988,152301,152680,154193,154254,154666,154672,154910,154980,155841,156020,156128,156692,157767,158247,159254,166939,168314,168450,172147,175739,178466,178509,197383,213594,213600,213879,215255,216007,216168,216295,216585,219220,220929,221292,222089,222157,222908,223208,233733,233996,235565,236060,237272,237275,238603,238687,239879,243830,246022,248626,248827,248872,248877,249128,249919,250737,254326,616440,617978,618032,618313,618442,619043,619120,620495,623761
1	64.785	-1.746	#######################
1	17.654	3.087	#######################
1	22.841	4.093	#######################
1	18.118	3.14	#######################
1	45.143	2.966	#######################
1	18.831	3.578	#######################

1	83.384	2.813	120446,129135,129633,130560,131841,133356,135953,137871,138881,143226,143337,143930,144593,151913,153202,154663,155760,158006,167600,172146,198586,215237,216253,216510,216850,223207,233732,233995,236111,237022,237270,238602,238686,243369,247427,249104,619188,622769
1	47.278	3.962	#########################
1	23.513	4.177	#########################
1	19.172	4.83	#########################
1	21.685	1.04	122071,126817,129134,130368,131840,133364,134436,134969,135927,137414,138669,139239,140855,141661,141886,141937,142780,151479,151634,152663,152677,154367,155252,155645,155845,156754,156809,158945,166326,167362,175403,177514,197016,197390,197865,198175,213571,213887,215381,216314,216387,223402,236217,236573,237141,238606,239899,618311,618549,619890,622408,623679
1	23.936	-1.17	#########################
1	113.982	4.084	#########################
1	32.813	4.315	#########################
1	41.804	4.374	#########################
1	17.956	2.475	#########################
1	25.071	3.921	#########################
1	23.976	3.8	#########################
1	18.632	4.73	139,235,219,909,619,000
1	20.512	3.796	#########################
1	23.378	2.607	#########################
1	18.188	3.494	#########################
1	18.612	3.549	#########################
1	25.963	4.018	#########################
1	19.721	2.628	#########################

1	33.498	-1.951	########################
1	30.578	5.052	########################
1	21.073	5.177	########################
1	19.758	3.698	########################
1	19.205	-2.323	########################
1	20.437	1.803	########################
1	29.334	4.9	########################
1	34.436	4.467	########################
1	22.662	4.637	########################
1	163.625	3.247	241988,242006,242336,243366,243372,243588,243591,243677,243832,244762,245044,245130,246157,246395,246552,246557,247122,247431,247817,247823,247830,247866,248469,248475,248628,248870,248875,249107,249202,249277,249925,250213,250432,250438,250728,250794,251102,251109,251112,251117,251145,251150,251153,251232,251238,251258,251304,251311,251316,251319,251564,251720,251953,252152,252212
1	21.968	6.637	245,037,249,278
1	21	1.725	########################
1	24.694	5.83	########################
1	23.162	4.711	########################
1	18.817	5.9	256,404,616,435,617,000
1	26.738	-2.417	########################
1	24.511	3.859	########################
1	24.219	3.005	########################
1	30.811	3.533	########################
1	24.845	4.959	########################
1	19.172	4.83	########################
1	22.877	-3.92	620642

range	likelihood	effect	ids
1	10.427	8.941	56994
1	10.842	9.24	56995
1	14.153	11.619	56997
1	17.455	13.941	70689
1	10.306	8.853	70692
1	12.566	10.481	77554
1	9.836	8.514	191473
1	14.153	11.619	57001
1	10.083	8.693	70697
1	10.191	8.771	70699
1	11.814	9.941	77562
1	14.153	11.619	191480

range	likelihood	effect	ids

			21528,21863,21867,28380,31194,34479,35453,411 66,63327,63329,63337,63347,66058,71973,84282,9 2701,93415,99860,99862,99868,102381,105063,12 0380,120383,129017,129563,129612,147079,14708 4,163341,163573,164748,164754,170413,170418,1 77813,181949,186127,189098,191943,191948,1951 55,195161,201442,201446,211116,213937,214156, 214158,214162,214437,216169,217611,217934,232 451,232456,232556,236226,236229,241568,252896 ,253037,253500,253548,254223,254225,254227,25 4230,255326,258423,258834,261604,261789,26479 7,267919,270753,270756,270762,276152,276323,2 76325,279864,280796,280805,287120,288996,2969 99,298744,304121,304477,305830,306748,311526, 312507,313380,318643,318653,319907,320174,322 343,326742,328721,331557,340762,341243,342816 ,343339,347509,347512,348192,350393,350856,35 0859,361062,364576,368789,381718,391317,39924 1,403770,404468,405276,405285,407183,409499,4 09505,411108,411859,412251,413178,417809,4222 55,424779,426632,426635,426826,430076,430079, 431253,433755,434164,434744,439537,439569,439 724,439759,442839,443298,444031,444620,445611 ,446523,446986,447993,449883,450770,450941,45 0970,450978,453131,453712,457954,460856,46085 9,462820,462958,463750,465147,467170,467823,4 72156,479487,480694,480767,486142,486755,4885 10,490554,490571,497174,499226,499823,500503, 501702,501912,504157,504160,504162,507514,507 523,512478,513828,513834,515891,516783,516959 ,519566,519574,520145,522020,522026,523533,52 4454,524751,524859,525930,525936,526061,52627 0,526350,526353,528944,531327,531422,531547,5 31815,532357,532410,532413,533262,534340,5382 64,538270,542516,542928,543037,545201,546030, 550978,553506,555613,555619,555628,556356,557 133,557904,558101,559009,559694,559715,562454 ,562871,566690,568818,568823,569319,570341,57 0389,571264,571319,571761,575168,575182,57600 6,576505,576510,578269,582979,585091,587924,5 88937,588943,590081,590089,592121,593136,5943 08,594640,594644,594678,594698,594730,595930,
1	68.038	-0.624	603594,604170,610031,610035,610227,611696,615

1	46.611	0.579	6583,7848,8096,21869,24686,35451,41170,45435,50695,64784,66056,71968,74442,75099,77825,82031,84284,88615,95961,99792,102278,105055,116107,120317,126956,129014,129020,147075,147082,152450,152457,157824,163579,164756,171739,177819,181948,186133,195157,197533,197536,201444,204522,209781,214161,217833,217842,221689,225508,241700,252787,252801,253507,255379,255384,258213,258419,261610,261792,262228,262233,264804,268912,268918,270759,279861,286084,286313,286321,287116,287141,290702,290708,294122,296990,297531,298749,302985,304468,304496,306746,306752,307886,311379,313376,314709,316186,318649,318967,319909,324344,324351,325947,326012,326747,331564,331566,332989,334564,336594,340687,344076,344175,346054,346061,348615,348620,349581,350392,350864,352986,352992,352994,353038,356678,358320,364581,370102,373314,375696,391854,394358,394364,397343,400746,400751,403773,403778,404473,404571,409844,411112,411817,411825,413184,414486,417800,417805,426507,426730,427203,427655,428632,428636,428638,428939,428959,430072,430579,430890,431116,431259,431534,431537,433021,433751,433844,434170,434625,434629,437795,437798,438170,438172,438337,439560,439635,439637,439726,439753,441228,442305,442310,443307,443989,446162,448000,449876,450777,451195,454049,457711,460128,460812,462104,464250,465294,467201,468460,468466,472158,474800,477545,477548,479489,485966,486147,487590,488512,490114,490819,490825,492622,492628,497168,497350,499230,499233,500339,501704,501914,507520,510878,512092,515761,515897,516788,516966,518931,518933,518936,522025,522668,525485,526118,527539,527543,528946,532348,533257,533391,533397,534337,541521,542723,542726,543482,543556,543688,544714,545199,550971,551826,551831,553083,553505,555023,555617,556347,556353,557129,557161,557899,558509,559006,559700,562829,562989,568107,569604,569610,571267,571759,574149,574151,575492,575495,576589,580126,580655,581948,581956,582981,583380,584293,584750,584756,588986,589657,591084
1	20.66	2.708	########################
1	17.815	5.662	92,698,170,412,186,100
1	73.791	2.438	105057,163624,297535,304499,409922,411819,418209,424776,426727,428458,428630,428940,429610,431256,431570,437790,438335,439720,441223,449878,450974,457709,457944,460124,462106,463752,485963,522666,534043,543686,553085,553502,557127,558999,562450,569607,574147,598132,618598,623249
1	18.164	0.862	123248,123249,240392,241694,254900,255062,255368,265073,300164,301328,302064,304113,305823,321697,323633,328712,333627,335432,343144,367398,379758,399234,407175,408111,411851,425497,428961,437600,453710,471026,471177,474809,474946,479481,480762,495868,501906,506517,511932,512472,527796,527804,531319,532350,535693,539131,547708,547715,551895,559720,566683,569323,569325,578207,583002,584758,591182,595921,596915,597665,620359

1	221	4.303	213943,240395,253257,265072,295866,300165,301329,304115,305825,311055,314704,320926,321699,323634,328714,331543,333628,335434,343145,361057,367400,379761,385745,399235,407178,411853,425500,428963,437601,449881,453392,465297,471028,471179,474948,479483,480764,481271,492558,495870,501908,506519,511934,512474,527798,531321,532352,539133,553712,578209,591184,595923,596917,597668
1	21.992	1.774	########################
1	20.521	5.077	########################
1	17.793	4.575	########################
1	34.66	4.946	########################
1	19.89	4.962	########################
1	67.56	4.051	########################
1	21.195	1.379	########################
1	53.577	1.643	252901,304114,305824,307887,320981,321698,323632,326015,328713,331541,335433,342913,343143,356687,367399,379759,398246,399233,407176,411852,425498,428962,431107,437599,456153,457705,460864,464995,471027,471178,474947,476977,479482,480763,481268,495869,500493,501907,506518,511933,512473,526897,527519,527797,531320,532351,539132,545204,547717,568103,578208,581951,589407,591183,595922,596914,597666,617786
1	61.572	4.123	########################
1	23.298	2.929	########################
1	23.668	3.174	########################
1	19.254	4.126	########################
1	17.69	7.662	610027
1	28.566	4.3	########################
1	23.254	3.395	########################
1	21.53	2.066	########################
1	73.382	5.788	########################
1	21.209	5.203	########################
1	33.87	4.414	########################
1	20.287	6.247	400,750,442,835,598,000

1	28.736	5.525	#########################
1	18.911	-3.701	532412

range	likelihood	effect	ids
1	16.325	13.133	124898
1	16.325	13.133	124900
1	14.886	12.133	528566
1	11.262	9.548	124903
1	11.84	9.963	124905
1	11.84	9.963	253718
1	14.058	11.548	475431
1	16.325	13.133	475435

range	likelihood	effect	ids
1	13.615	11.186	15527
1	17.855	7.864	28,885,290,714
1	15.089	6.864	30,890,292,929
1	13.615	11.186	194600

1	13.615	11.186	199121
1	13.615	11.186	262241
1	13.615	11.186	268699
1	13.615	11.186	344007
1	13.615	11.186	484215
1	22.847	6.913	9,570,199,127,247,030
1	13.615	11.186	181556
1	13.615	11.186	190071
1	13.615	11.186	268703

range	likelihood	effect	ids
1	49.638	7.366	#######################
1	16.277	0.727	129401,130912,131234,131247,131388,131694,131904,131931,131997,132251,132325,132381,132416,135003,135155,135159,136247,136256,136281,136288,137293,137295,137297,137558,138518,138643,138813,138882,138969,139761,139990,140913,141068,141771,142259,142261,142409,142456,142785,142920,142986,143044,143306,143800,143941,144008,144410,144416,144431,144433,144484,144487,147660,148757,149009,149293,149615,149800,149879,150081,150119,150121,150597,151483,151485,152492,157509,174944,177503,244850,244852,244903
1	47.109	7.066	#######################
1	27.535	2.234	#######################
1	16.24	1.368	#######################
1	34.227	4.914	#######################
1	17.485	5.607	131,927,137,075,138,000

1	39.131	5.431	########################
1	121.168	4.267	########################
1	28.116	4.762	########################
1	21.732	3	########################
1	18.405	4.7	########################
1	227.636	4.788	131697,131953,132257,132412,134879,135704,136252,136286,136699,136983,138216,138377,138726,138768,138784,139245,139483,139564,141012,141774,142624,143285,143789,143803,143943,143982,147662,149802,149830,149866,149881,149957,150259,150684,151098,151303,153514,156620,158814,158844,158849,166873,167154,167156,244875,251100
1	19.87	3.717	########################
1	19.734	8.481	143,280,143,310
1	19.734	8.481	143,414,251,103
1	16.868	7.481	137,270,144,154
1	29.805	6.781	########################
1	31.839	4.659	########################
1	22.388	5.437	########################
1	19.331	4.145	########################
1	18.676	5.896	153,251,153,511,153,000
1	32.379	4.282	########################

range	likelihood	effect	ids
1	12.498	10.417	120076
1	13.977	11.481	323297
1	13.104	10.853	120083
1	10.682	9.108	120085
1	15.197	12.356	120086
1	11.775	9.896	323302
1	9.37	8.159	323304
1	17.428	13.941	323305

range	likelihood	effect	ids
1	12.387	10.356	93496
1	19.967	8.619	181,910,239,151
1	13.206	10.941	16291
1	12.387	10.356	93499
1	16.056	12.941	121682
1	11.359	9.619	161183
1	12.076	10.133	181916

range	likelihood	effect	ids
1	99.634	7.938	########################
1	19.332	8.394	82,529,102,136
1	34.218	9.631	122,692,149,515,181,000
1	14.703	6.724	196,193,206,001

range	likelihood	effect	ids
1	17.639	7.786	61,196,130
1	31.077	5.888	######################
1	17.856	7.864	5,786,776,203
1	13.404	11.034	84837
1	13.404	11.034	93744
1	13.404	11.034	100259
1	17.239	7.641	119,032,213,558
1	13.404	11.034	213556
1	13.404	11.034	6203
1	13.947	6.449	26,482,226,071
1	18.328	8.034	127,802,160,347

range	likelihood	effect	ids
1	52.022	1.925	108654,192932,216953,216956,277680,281082,282572,284560,289074,289080,312949,316061,317712,318735,324585,324625,324776,324823,333815,336269,336644,337308,338273,344745,344797,346310,346769,392873,397948,403715,442127,443772,492874,517175,547457,562013,565227,577203,584600,621418,622803,623766,624294
1	22.048	3.998	######################
1	30.026	8.583	210,702,233,139
1	18.329	7.998	282,570,312,020
1	16.071	5.261	304,859,382,166,382,000
1	15.754	3.592	######################
1	20.016	8.583	319,267,388,001
1	24.894	3.907	######################
1	24.803	4.348	######################
1	18.329	7.998	565202
1	48.143	8.32	######################
1	15.979	4.243	######################

range	likelihood	effect	ids
1	35.863	1.272	3324,3957,20242,23524,24722,36000,41738,42609, 47112,47115,51704,53482,59080,63883,68202,682 07,71797,86222,91990,105227,108886,118777,122 964,123225,145356,150353,163058,163189,163193 ,167969,168466,168471,172829,174213,185282,19 4255,194583,194588,195748,211708,211714,23241 6,232419,232430,232436,234123,234599,237081,2 38284,238565,240797,241713,241730,249489,2654 25,309359,361875,393715,609931
1	38.366	2.759	#########################
1	15.878	5.215	80,133,128,599,128,700
1	18.063	2.87	#########################
1	23.237	5.594	#########################
1	18.168	7.952	185,279,249,487
1	18.168	7.952	185,280,249,488
1	38.307	6.013	#########################
1	48.444	6.402	#########################
1	46.679	5.133	#########################

range	likelihood	effect	ids
1	20.053	5.008	224,130,160,215,028,000,000
1	26.176	4.519	#########################
1	21.27	6.531	224,419,001,210,343
1	26.17	1.958	#########################
1	19.658	4.934	16,390,191,082,346,600,000
1	17.847	7.853	215,026,240,625
1	19.01	8.268	78,620,200,723
1	14.84	-2.71	198,606,232,005

range	likelihood	effect	ids
1	13.69	11.24	143815
1	18.211	7.992	183,974,187,632
1	24.512	10.24	186,552,235,802
1	16.128	7.24	187,635,201,279
1	16.386	7.333	193,374,193,877
1	18.657	8.153	193,881,201,283
1	16.386	7.333	211,001,211,222
1	13.69	11.24	211097
1	31.615	9.018	44,186,126,863,152,500
1	14.275	6.568	44,188,126,865
1	12.91	6.07	159,107,186,558
1	13.69	11.24	211103

range	likelihood	effect	ids
1	52.939	1.755	7374,7897,12643,13382,21619,25237,51887,67716, 83669,83676,86828,89523,90836,93101,103731,11 0361,111921,118529,130965,132225,139048,14550 0,145641,146997,155719,155855,156497,172895,1 74575,176333,183928,193702,196395,199594,2012 58,201261,212418,223521,226158,231101,239174, 253890,260508,374842,452451,452455,463605,516 751,516756,618537
1	63.783	3.885	#######################
1	23.076	1.93	#######################
1	17.89	7.867	133,963,152,261
1	18.822	5.937	145,497,155,854,155,000

range	likelihood	effect	ids
1	15.722	7.089	500,094,554,056

range	likelihood	effect	ids
1	19.936	4.978	207,635,267,189,559,000,000
1	84.198	5.181	#######################
1	48.25	4.86	#######################
1	32.605	0.526	14549,27674,35198,65501,75288,75290,75482,75498,110454,126586,130487,135213,145879,147403,173042,173451,187205,189865,189874,190261,191565,193143,201871,221645,226166,254369,255243,256504,264487,264970,264978,266259,275376,275379,276154,280676,284054,286287,292986,293238,293253,293259,293298,293520,297100,297219,301706,302326,302346,329307,329415,329419,335212,335215,335720,340951,348581,349003,349980,349983,350474,356953,359792,365496,366258,366263,366542,376432,381928,381933,382819,385850,385887,385986,385989,386586,386596,395336,395345,397073,397089,397094,397100,401405,401504,401507,403420,403423,403426,404199,404202,404712,404718,405456,405713,406296,408211,416419,416697,417897,417901,417988,418422,418667,419124,419161,419195,419254,419410,419476,419988,420098,420349,420393,420485,420502,420911,420941,421027,422440,422446,422671,423216,423943,423946,430823,430830,430860,431083,431140,434400,434438,434830,434834,435015,435365,435370,435670,435673,438412,438510,438654,438985,440871,441266,441704,442513,442519,442863,442897,442941,443519,443523,450939,450943,466262,469050,473427,476186,476192,476386,477641,477650,480567,480569,480576,480933,480940,482207,483030,483474,483487,484054,484059,486677,486726,487278,488894,488897,489229,489376,489880,494102,495244,496553,496623,499463,499520,503660,505556,505811,507570,508293,509430,509691,512031,514305,514308,514602,514754,524095,535973,536196,536358,537271,537340,540848,541749,544833,544838,551050,551056,551059,551123,557393,557398,557798,560429,560434,562314,563022,563128,563357,563648,571096,571103,571112,573853,573859,573862,573894,574088,574160,575489,578691,578697,579316,579401,598139,598810,598874,598877,599165,599578,607676,607680,608221,616947,617947,626419,626494,626500,627591,627599,628062,628069,628186,628195
1	32.168	5.255	#######################
1	25	7.371	7,100,776,199,196,180

1	39.957	0.67	70623,76202,76268,81764,151147,151151,173044,173047,179058,183582,187207,189566,189867,193140,201875,221639,221647,221951,221957,226075,255237,256502,260529,264489,276160,289321,292993,293524,293636,297107,301657,302328,307401,307404,307409,307535,309373,309375,328644,329309,329315,341694,347648,347653,348574,350466,350472,352790,352796,362839,362846,366548,385846,385852,385856,385885,386588,386594,392951,395338,395341,397081,397108,399063,399069,401410,401506,403413,403415,403419,404205,404716,405462,408208,414708,416422,416704,417991,419122,419203,419256,419403,419428,419502,420035,420354,420509,420923,420981,421024,421036,423945,430855,430858,434399,434837,438653,438788,438975,438977,440876,441240,441268,441706,442899,442943,442960,442964,453342,461335,473425,476188,477643,478095,480936,483027,483294,483301,483464,483472,483480,484051,494095,499465,499469,499525,505553,505565,505813,507187,509433,509697,511902,511906,512023,512044,512049,512712,514106,514313,514399,514540,514546,514610,518189,536365,537342,537345,537437,538141,540845,541747,541752,544375,545460,546554,547216,547961,548285,551130,555046,555050,557354,557356,557396,557461,557797,560427,562121,563027,563043,563131,563143,569081,569087,571101,571110,571346,573856,573873,573885,575492,575495,576202,577482,577486,579313,579678,598136,598141,601512,601515,607678,607682,608755,617942,621749,626493,627561,627563,627590,628067,628189
1	74.413	1.92	76270,81765,145877,151148,189868,190263,264484,284062,307405,317228,317232,329417,341688,342125,348576,349001,349976,350470,352793,362840,381931,403416,405716,414705,416363,416698,417899,417992,419159,419185,419404,420478,420550,420831,422672,431141,435367,435377,438979,442866,442962,453345,453351,461336,489377,506359,508294,509434,511903,544377,557357,557462,562123,563046,563151,563483,576200,577484,598142,621750,627564
1	20.095	-1.907	#########################
1	18.979	5.956	190,260,191,564,193,000
1	28.639	5.523	#########################
1	17.008	3.786	#########################
1	28.51	3.353	#########################
1	82.905	6.371	#########################
1	40.777	5.593	#########################
1	43.912	3.136	#########################
1	111.767	6.754	#########################
1	50.004	7.371	#########################
1	49.803	4.356	#########################
1	252.397	6.176	288111,289322,293300,293306,293630,329308,335216,341690,347647,362847,382820,392955,403417,404203,404714,440875,476382,486569,486678,487160,489882,494037,495245,499521,507188,507571,514107,537341,551129,557394,557463,562317,573855,573888,616948,621753,628188

range	likelihood	effect	ids
1	16.666	7.371	280,682,291,402
1	27.413	4.67	#######################
1	25.558	2.213	#######################
1	21.747	3.002	#######################
1	18.831	3.581	#######################
1	28.712	6.563	#######################
1	19.325	2.595	#######################
1	30.406	3.283	#######################
1	22.587	5.464	#######################
1	18.271	5.786	370,667,557,359,627,000
1	118.093	5.648	#######################
1	18.775	2.945	#######################
1	22.587	5.464	#######################
1	22.406	4.605	#######################
1	41.579	4.708	#######################
1	22.218	3.608	#######################
1	17.7	4.563	#######################
1	27.584	7.956	419,202,420,915
1	17.073	5.496	438,509,443,518,544,000
1	17.073	5.496	147,406,438,976,562,000
1	29.973	6.786	#######################
1	48.733	5.786	#######################
1	30.98	4.563	#######################
1	19.784	6.148	385,892,397,080,511,000
1	16.666	7.371	505,572,514,564
1	35.562	5.049	#######################
1	19.649	8.371	598813
1	21.923	-3.869	31045
1	60.267	5.739	#######################
1	18.271	5.786	293,525,571,102,571,000
1	19.784	6.148	366,550,477,516,494,000
1	17.429	4.513	#######################
1	16.666	7.371	490,165,494,101

range	likelihood	effect	ids
1	18.097	1.673	#######################
1	16.946	4.426	6,169,120,607,158,140,000,000

1	35.813	2.975	########################
1	30.993	2.831	########################
1	30.21	1.725	########################
1	19.963	6.209	3,103,834,277,169,410
1	16.039	2.657	########################
1	28.075	4.758	########################
1	25.041	4.378	########################
1	21.952	4.542	########################
1	16.222	2.481	########################
1	17.504	7.712	174,220,250,106
1	23.363	9.712	238456
1	24.608	3.532	########################
1	23.363	9.712	127216

range	likelihood	effect	ids
1	14.025	11.481	23060
1	21.865	6.674	2,306,244,200,250,320
1	16.795	7.481	132,086,135,655
1	14.025	11.481	160718
1	14.025	11.481	185162
1	14.164	6.527	147,316,193,161
1	14.025	11.481	171685

range	likelihood	effect	ids
1	14.664	11.941	60513
1	13.225	10.941	89579
1	12.397	10.356	132391
1	14.664	11.941	180310
1	21.039	6.47	3,260,734,079,778
1	29.306	4.363	#######################
1	12.397	10.356	73780
1	19.391	8.417	104,694,193,862
1	14.664	11.941	177926
1	13.225	10.941	180317