

GenSamp: RESULTS

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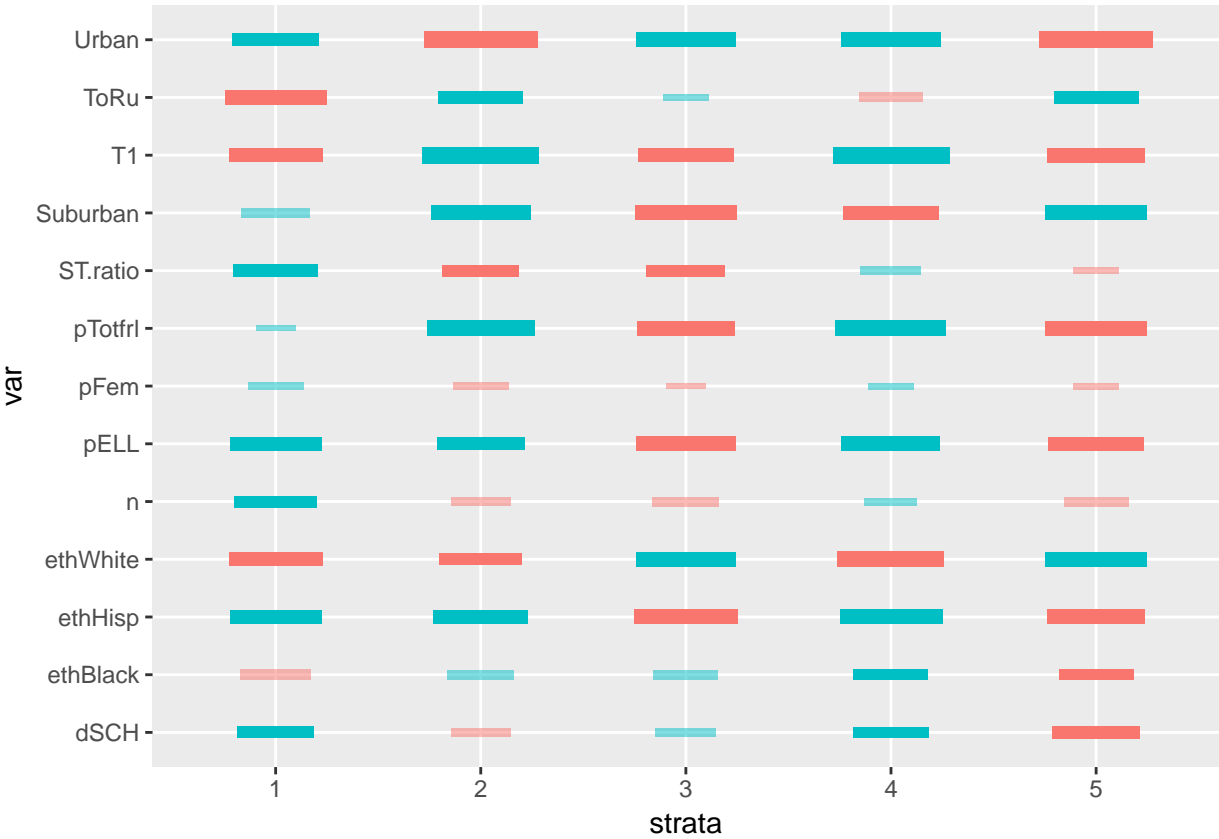
GenSamp: RESULTS

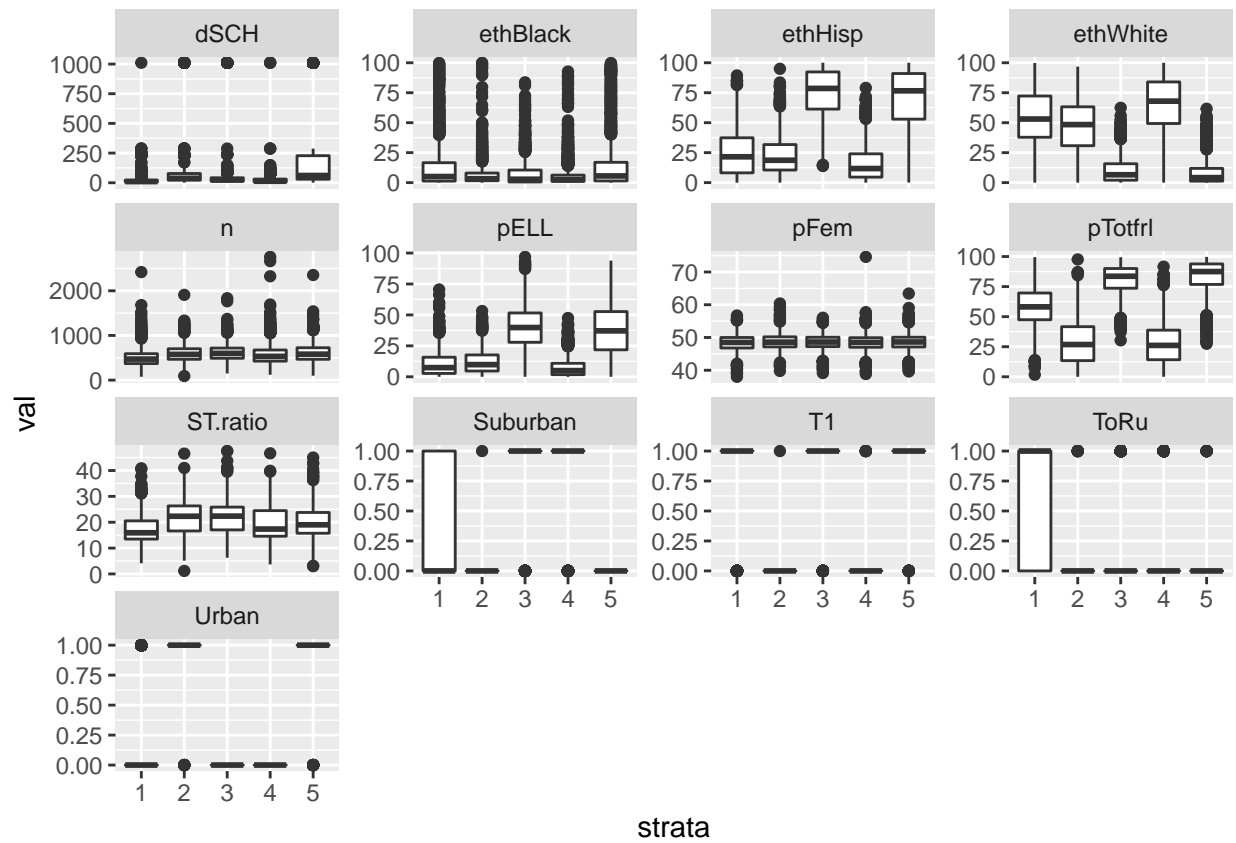
Methods Summary

Clustering

Warning: package 'tableone' was built under R version 3.5.3

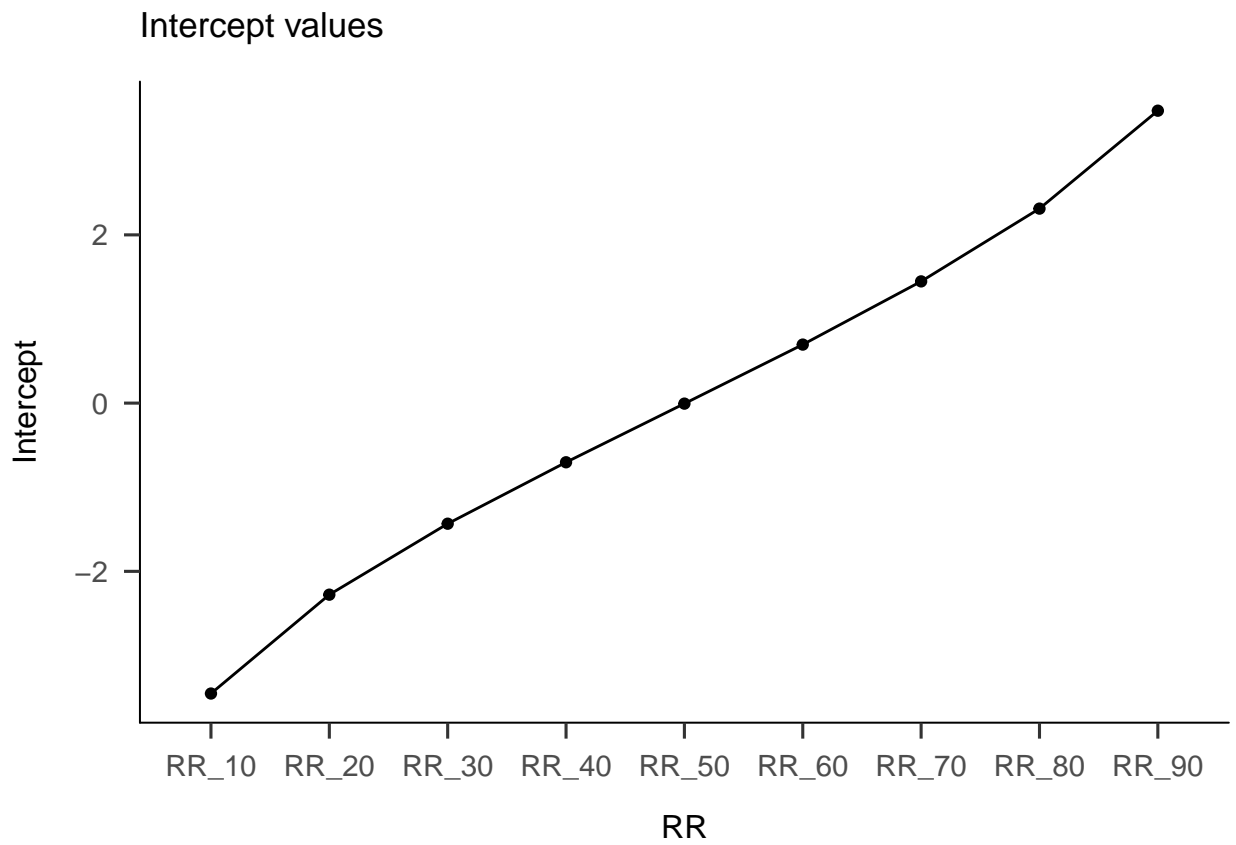
Warning: Using alpha for a discrete variable is not advised.

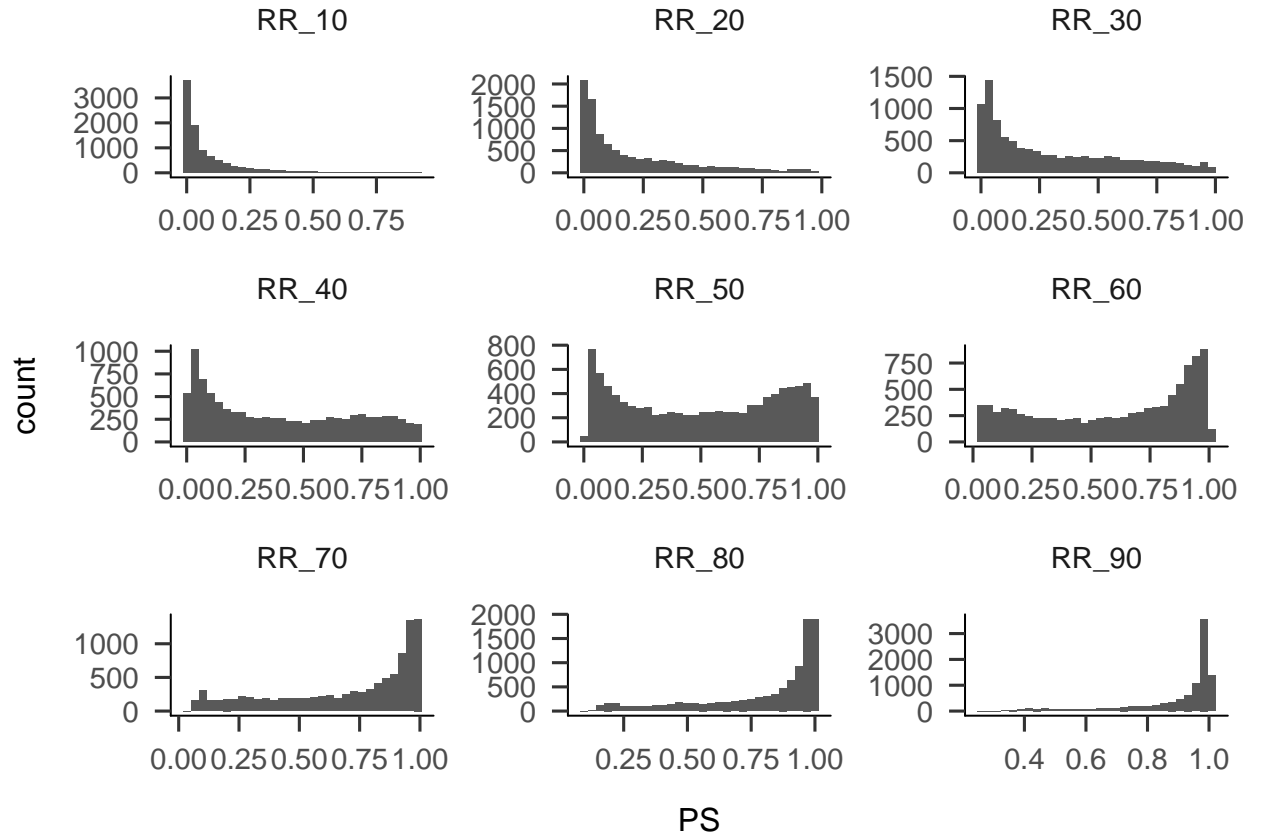


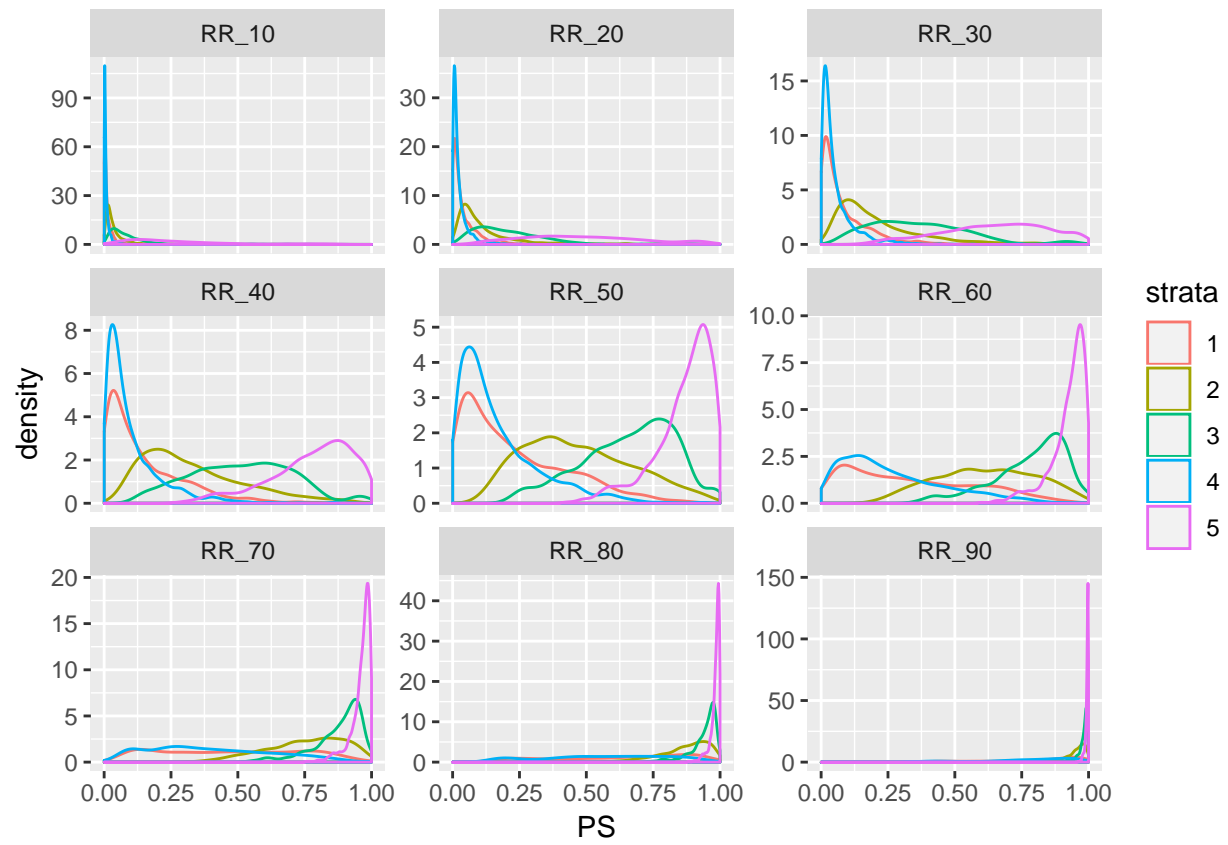


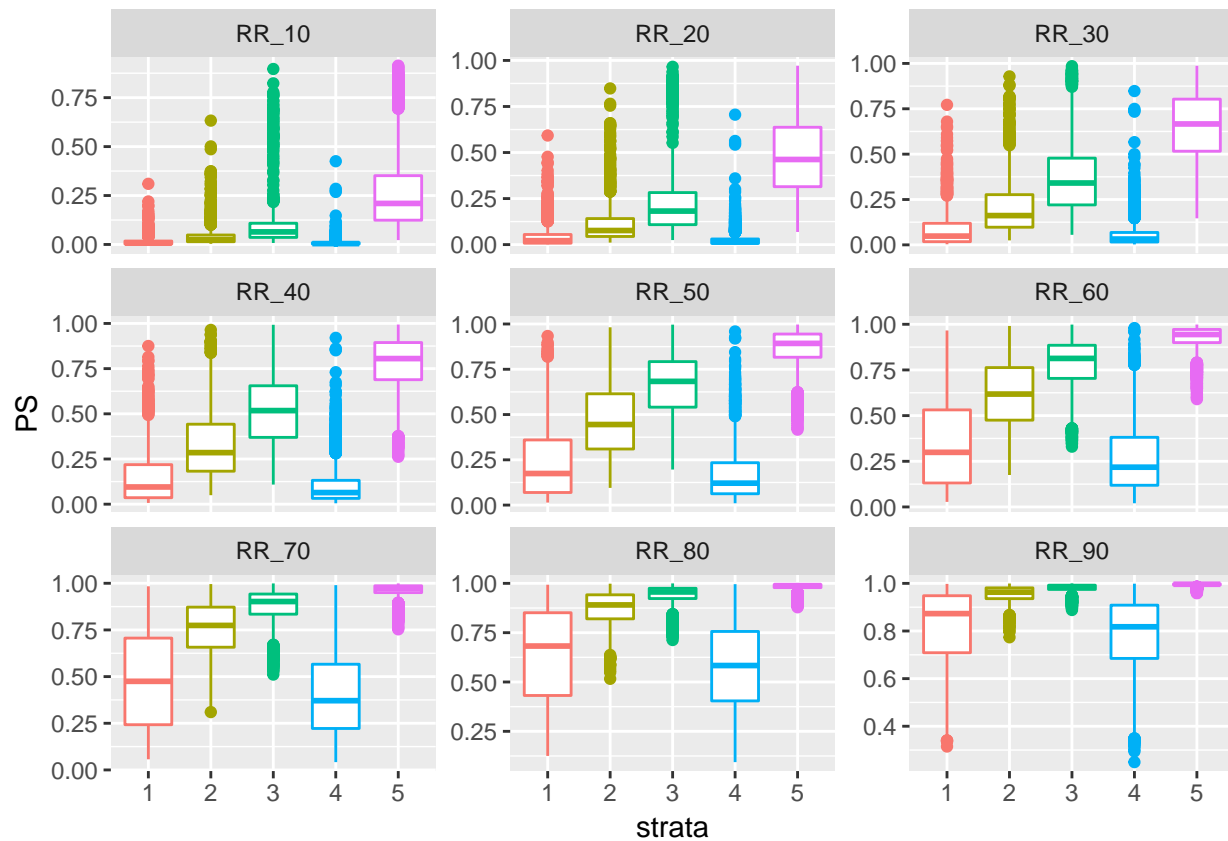
Participation Generating Model

Variables	vnames	log_odds
Total District Schools	dSCH	0.520
% Black	ethBlack	0.291
% Hispanic	ethHisp	0.395
% White	ethWhite	-0.538
Total Students	n	0.374
% ELL	pELL	0.412
% Female	pFem	-0.019
% FRL	pTotfrl	0.081
Student/Teacher Ratio	ST.ratio	-0.101
Suburban	Suburban	0.007
Schoolwide Title I	T1	0.019
Town/Rural	ToRu	-0.403
Urban	Urban	0.433









B Index

```
## # A tibble: 5 x 12
## # Groups:   sample_method, Clustering [5]
##   sample_method Clustering Sampling RR_10 RR_20 RR_30 RR_40 RR_50 RR_60
##   <chr>         <chr>      <chr>   <int> <int> <int> <int> <int> <int>
## 1 Stratified_BS Stratified BS         0     0     0     0     0     0
## 2 Stratified_CS Stratified CS         0     0     0     0     0     0
## 3 Stratified_RS Stratified RS         0     0     0     0     0     0
## 4 Unstratified~ Unstratif~ CS         0     0     0     0     0     0
## 5 Unstratified~ Unstratif~ RS         0     0     0     0     0     0
## # ... with 3 more variables: RR_70 <int>, RR_80 <int>, RR_90 <int>
```

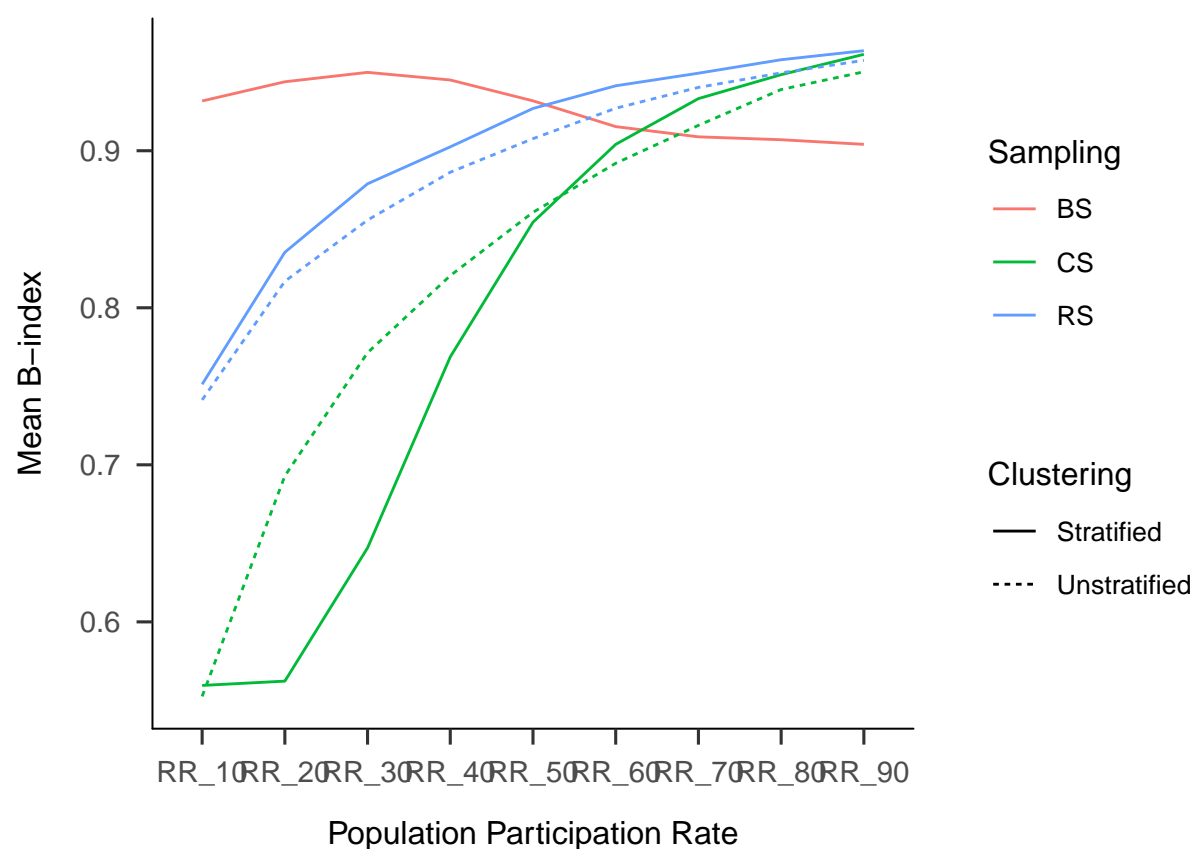
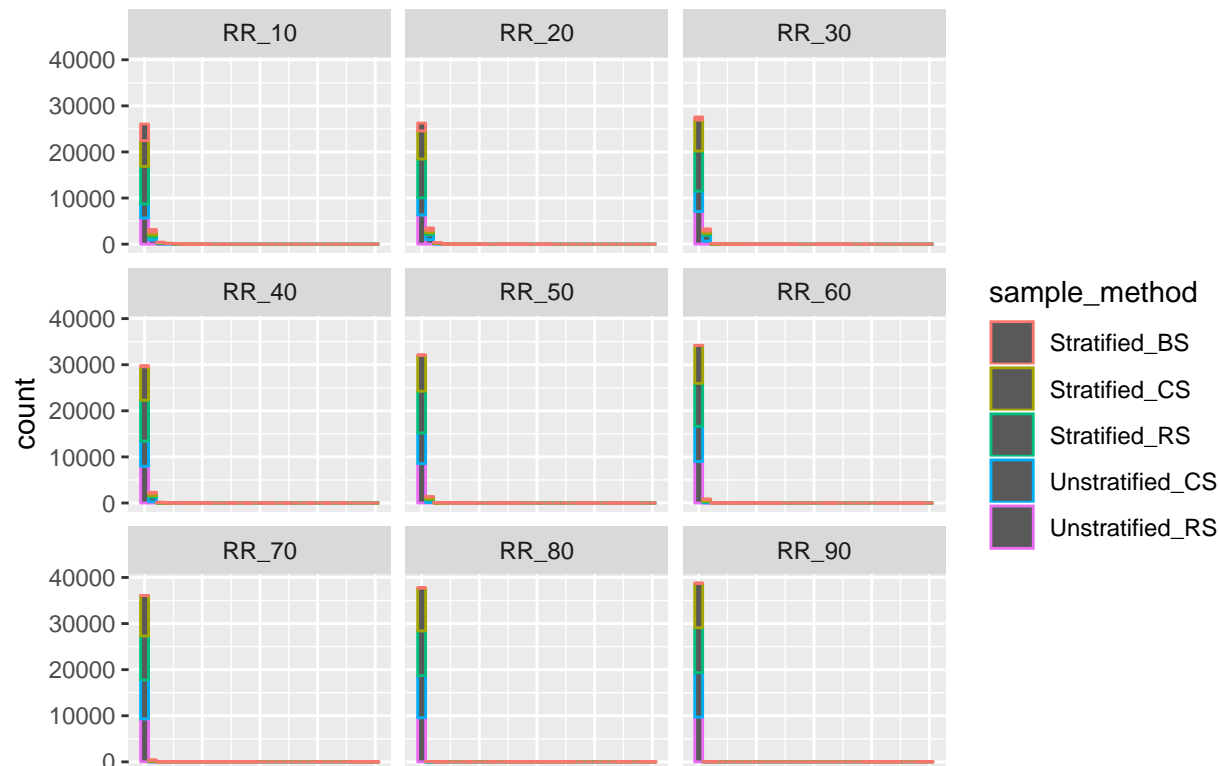



Figure 1. Average B-Index

Standardized mean differences

Sampling Difficulty



##	DSID	RR	PS	T1	n	pTotfrl
## 1	2417-10004	RR_10	0.047855825	0.7604456	0.235981143	0.3563862048
## 2	1302-10046	RR_10	0.865807376	0.7604456	3.079625341	0.5268351332
## 3	2799-10013	RR_10	0.083027940	0.7604456	0.375424291	0.6161745085
## 4	1302-10036	RR_10	0.831616212	0.7604456	0.489966877	1.0344555329
## 5	1302-10191	RR_10	0.667720673	0.7604456	-0.994106628	0.9469809513
## 6	2510-10081	RR_10	0.518260779	0.7604456	0.997938345	1.2045862695
## 7	2323-10034	RR_10	0.261992180	0.7604456	0.206100468	1.3043556578
## 8	1302-10387	RR_10	0.645535553	0.7604456	-1.083748652	0.5552559613
## 9	2243-10001	RR_10	0.481029927	0.7604456	2.726037359	1.2285216345
## 10	2510-10059	RR_10	0.376143692	0.7604456	0.011876083	1.2178877281
## 11	2670-10018	RR_10	0.191713395	0.7604456	-0.371592574	0.7061333578
## 12	2552-10017	RR_10	0.189410527	0.7604456	-0.047885266	1.3164814401
## 13	1302-10084	RR_10	0.756262655	0.7604456	2.442170950	0.9878437585
## 14	1302-10267	RR_10	0.758626316	0.7604456	-0.137527290	0.8241887371
## 15	2510-10143	RR_10	0.450298714	0.7604456	0.843554859	1.3546379381
## 16	1477-10027	RR_10	0.343452315	0.7604456	0.370444178	1.2991452090
## 17	1302-10009	RR_10	0.712492856	0.7604456	1.784796109	1.1077576002
## 18	1281-10004	RR_10	0.109507127	0.7604456	0.833594634	1.0078329044
## 19	2967-10014	RR_10	0.072630945	0.7604456	0.943157108	0.2587227904
## 20	1302-10153	RR_10	0.777933576	0.7604456	2.093563080	1.0071699875
## 21	2282-10033	RR_10	0.447936475	0.7604456	1.401327452	1.1976494556
## 22	1482-10003	RR_10	0.198098349	0.7604456	-0.197288639	1.1149927719
## 23	2657-10002	RR_10	0.325380934	0.7604456	1.102520706	1.0529412022
## 24	1302-10071	RR_10	0.899123252	0.7604456	1.217063292	1.1695663507
## 25	1302-10146	RR_10	0.859267381	0.7604456	1.162282055	1.1932368248
## 26	2510-10046	RR_10	0.302304641	0.7604456	-0.013024479	1.2763001128

## 27	1302-10004	RR_10	0.770554297	0.7604456	1.979020494	0.9807662117
## 28	2475-10006	RR_10	0.169388079	0.7604456	1.456108688	0.9871036244
## 29	1135-10002	RR_10	0.017359272	-1.3148842	-0.924385054	-0.6387443911
## 30	1302-10032	RR_10	0.776860998	0.7604456	0.579608900	1.0930984919
## 31	1302-10380	RR_10	0.703872860	0.7604456	-0.680359545	0.9580795817
## 32	1430-10013	RR_10	0.088904869	0.7604456	0.629410025	0.9523808339
## 33	1302-10258	RR_10	0.695801958	0.7604456	-0.137527290	1.1226290978
## 34	2717-10019	RR_10	0.137545175	0.7604456	0.081597657	1.3373658550
## 35	1302-10010	RR_10	0.770020942	0.7604456	-0.102666503	0.9678996099
## 36	2257-10002	RR_10	0.054542231	-1.3148842	1.804716559	-0.5468276362
## 37	1298-10027	RR_10	0.326177858	0.7604456	1.879418245	1.1753874445
## 38	2230-10001	RR_10	0.307731633	0.7604456	1.799736446	1.1812682044
## 39	2717-10016	RR_10	0.210942209	0.7604456	0.948137220	1.4048474655
## 40	1302-10020	RR_10	0.863211275	0.7604456	1.540770600	0.4769418236
## 41	1477-10005	RR_10	0.405845888	0.7604456	0.529807776	1.2985509083
## 42	2461-10016	RR_10	0.171390752	0.7604456	0.176219793	0.9942053478
## 43	1537-10007	RR_10	0.073305876	0.7604456	1.461088801	0.8223802106
## 44	2665-10018	RR_10	0.156873762	0.7604456	0.415265190	1.1412103639
## 45	1424-10018	RR_10	0.019141694	-1.3148842	-0.336731787	-1.6510811744
## 46	1199-10005	RR_10	0.131704580	0.7604456	0.813674185	1.0066163204
## 47	2405-10009	RR_10	0.048501835	0.7604456	0.679211149	-0.6520852508
## 48	1302-10259	RR_10	0.754170289	0.7604456	0.250921480	1.1158342690
## 49	2432-10020	RR_10	0.076331815	-1.3148842	-0.052865379	-1.5690682090
## 50	2913-10006	RR_10	0.213958545	0.7604456	-0.610637971	1.2457656029
## 51	1174-10001	RR_10	0.083890977	0.7604456	-0.610637971	0.9875552867
## 52	1394-10016	RR_10	0.088389761	0.7604456	1.202122954	0.7314546000
## 53	2459-10006	RR_10	0.225008030	0.7604456	1.441168351	1.1948546563

## 54	1898-10008	RR_10	0.090561199	0.7604456	-0.789922019	1.0772694116
## 55	2571-10019	RR_10	0.016946935	0.7604456	-0.834743030	0.1560262277
## 56	2753-10019	RR_10	0.561264181	0.7604456	1.301725203	1.3494785358
## 57	2545-10025	RR_10	0.070549183	0.7604456	-0.511035722	0.6741714654
## 58	1302-10400	RR_10	0.760051751	0.7604456	-0.262030101	1.1134784292
## 59	1355-10001	RR_10	0.097827730	0.7604456	-0.645498758	0.7584358814
## 60	1302-10292	RR_10	0.748819615	0.7604456	-0.107646615	0.8944428095
## 61	2510-10144	RR_10	0.467857156	0.7604456	0.868455421	1.2694557355
## 62	2449-10011	RR_10	0.362780530	0.7604456	0.021836308	0.9606663208
## 63	2243-10001	RR_10	0.481029927	0.7604456	2.726037359	1.2285216345
## 64	2449-10043	RR_10	0.374307293	0.7604456	0.146339119	1.0827997025
## 65	1302-10209	RR_10	0.848631064	0.7604456	1.256904191	1.1451343400
## 66	1302-10376	RR_10	0.870904010	0.7604456	1.381407002	0.9496903508
## 67	2510-10031	RR_10	0.483248742	0.7604456	0.345543616	1.3355061256
## 68	1302-10025	RR_10	0.579137480	0.7604456	0.290762379	1.1027018153
## 69	1302-10243	RR_10	0.504158721	0.7604456	-0.107646615	0.9855882999
## 70	2717-10015	RR_10	0.151142257	0.7604456	-0.640518646	1.3204304467
## 71	1302-10289	RR_10	0.770422725	0.7604456	1.177222392	0.9312998993
## 72	2510-10069	RR_10	0.423172834	0.7604456	0.365464066	1.2290517310
## 73	2398-10091	RR_10	0.487237049	0.7604456	0.131398781	1.3732346957
## 74	1302-10091	RR_10	0.731642502	0.7604456	1.421247901	0.9280126391
## 75	1298-10028	RR_10	0.327333695	0.7604456	1.954119932	0.6004640371
## 76	1302-10403	RR_10	0.791798603	0.7604456	1.072640031	1.1520894045
## 77	1298-10021	RR_10	0.551732376	0.7604456	3.956125129	1.1019868481
## 78	1207-10005	RR_10	0.265585730	0.7604456	0.838574747	1.1891254779
## 79	2510-10033	RR_10	0.401322293	0.7604456	0.684191261	1.2863505406
## 80	1065-10006	RR_10	0.297126579	0.7604456	0.285782267	1.1455457286

## 81	1302-10005	RR_10	0.623395632	0.7604456	0.868455421	0.9954836518
## 82	1502-10009	RR_10	0.203377348	0.7604456	-0.710240220	-0.0869494698
## 83	2449-10014	RR_10	0.344576930	0.7604456	0.001915858	1.1606433804
## 84	1302-10276	RR_10	0.682735041	0.7604456	-0.162427852	0.6058506262
## 85	1302-10207	RR_10	0.788836776	0.7604456	1.042759357	0.8662375523
## 86	1302-10061	RR_10	0.720703881	0.7604456	-1.019007190	1.3053602664
## 87	1589-10022	RR_10	0.152191811	0.7604456	-0.436334036	0.8254160674
## 88	1302-10128	RR_10	0.864632082	0.7604456	1.505909813	1.1124980004
## 89	2788-10022	RR_10	0.455691553	0.7604456	1.217063292	1.1763046372
## 90	1302-10048	RR_10	0.891684150	0.7604456	1.839577346	1.1411257804
## 91	2664-10015	RR_10	0.178068909	0.7604456	-0.550876622	0.7548020646
## 92	1302-10153	RR_10	0.777933576	0.7604456	2.093563080	1.0071699875
## 93	1284-10003	RR_10	0.163753946	0.7604456	0.579608900	1.2534123554
## 94	1302-10165	RR_10	0.726374460	0.7604456	-0.745101007	0.3020810535
## 95	1302-10219	RR_10	0.550134140	0.7604456	-0.057845491	0.7413966354
## 96	1311-10008	RR_10	0.348188047	0.7604456	1.391367227	1.3136965715
## 97	2786-10011	RR_10	0.105328693	0.7604456	0.475026539	0.2156786080
## 98	1437-10027	RR_10	0.196484166	0.7604456	0.594549238	1.2207714198
## 99	2644-10035	RR_10	0.104527646	-1.3148842	1.993960831	-0.1527059834
## 100	1065-10007	RR_10	0.353154389	0.7604456	1.650333073	0.9223255510
## 101	1302-10004	RR_10	0.770554297	0.7604456	1.979020494	0.9807662117
## 102	1302-10142	RR_10	0.708914402	0.7604456	-0.919404942	0.5467633645
## 103	1391-10007	RR_10	0.304110277	0.7604456	0.231001030	1.2496122043
## 104	2398-10079	RR_10	0.716870237	0.7604456	1.964080157	1.3290185774
## 105	1302-10037	RR_10	0.861729885	0.7604456	0.778813398	1.2585860008
## 106	1302-10197	RR_10	0.662710159	0.7604456	1.351526327	0.8566484791
## 107	1302-10242	RR_10	0.696620924	0.7604456	2.118463642	0.9959118208

## 108	2755-10015	RR_10	0.075386429	0.7604456	0.958097445	0.3505934239
## 109	1302-10372	RR_10	0.645366731	0.7604456	0.714071936	1.1259732957
## 110	1302-10009	RR_10	0.712492856	0.7604456	1.784796109	1.1077576002
## 111	2398-10052	RR_10	0.239999003	0.7604456	-1.268012812	1.2799374105
## 112	2398-10107	RR_10	0.313558243	0.7604456	-0.625578308	1.0710526018
## 113	1510-10030	RR_10	0.134829257	0.7604456	1.744955210	0.7838452787
## 114	1302-10130	RR_10	0.739801671	0.7604456	-0.301871000	1.1032649685
## 115	2552-10017	RR_10	0.189410527	0.7604456	-0.047885266	1.3164814401
## 116	1224-10007	RR_10	0.182740190	0.7604456	0.992958232	1.0946177250
## 117	1302-10138	RR_10	0.603290006	0.7604456	-0.799882243	0.5095122354
## 118	2449-10013	RR_10	0.353753021	0.7604456	-0.854663480	1.1743472874
## 119	1065-10015	RR_10	0.384650113	0.7604456	1.446148464	1.1382627292
## 120	1302-10241	RR_10	0.515709860	0.7604456	1.276824641	0.7685011925
## 121	2449-10068	RR_10	0.276204199	0.7604456	0.320643054	1.0267640890
## 122	1186-10012	RR_10	0.081198745	0.7604456	0.076617545	0.5464946143
## 123	2398-10133	RR_10	0.334427491	0.7604456	0.320643054	1.2110965365
## 124	1298-10039	RR_10	0.181169003	0.7604456	0.061677207	1.1376488472
## 125	2615-10006	RR_10	0.151357832	0.7604456	-0.003064254	0.6265779214
## 126	1486-10008	RR_10	0.056771322	0.7604456	-0.451274373	0.5660908272
## 127	2449-10020	RR_10	0.200257831	0.7604456	-0.252069876	0.6607431563
## 128	1516-10005	RR_10	0.029292447	-1.3148842	0.524827664	-1.1261294992
## 129	1114-10002	RR_10	0.017246580	-1.3148842	-0.187328414	-1.4646634833
## 130	1252-10005	RR_10	0.083767023	0.7604456	0.285782267	0.9868615569
## 131	1281-10004	RR_10	0.109507127	0.7604456	0.833594634	1.0078329044
## 132	2398-10110	RR_10	0.275516839	0.7604456	-0.401473249	0.8711360139
## 133	2510-10038	RR_10	0.442943793	0.7604456	0.743952611	1.1379212144
## 134	1402-10005	RR_10	0.115093340	0.7604456	-0.326771562	0.7243010399

## 135	2642-10009	RR_10	0.233678856	0.7604456	0.559688451	1.0345073775
## 136	1153-10008	RR_10	0.041766685	0.7604456	-0.471194823	0.7112199402
## 137	2523-10016	RR_10	0.260242059	0.7604456	0.743952611	0.7845126722
## 138	2510-10139	RR_10	0.375215558	0.7604456	0.325623166	1.0251591352
## 139	2326-10011	RR_10	0.157431237	0.7604456	0.031796533	0.9817702252
## 140	1192-10001	RR_10	0.094775598	0.7604456	0.579608900	1.1257918074
## 141	2449-10001	RR_10	0.369566296	0.7604456	0.614469687	1.0329001254
## 142	1232-10003	RR_10	0.102105645	0.7604456	0.963077558	0.5816627489
## 143	3037-10003	RR_10	0.001811213	0.7604456	-0.535936284	-0.1667833013
## 144	2523-10002	RR_10	0.212993430	0.7604456	0.659290699	0.7318125954
## 145	2449-10037	RR_10	0.295146710	0.7604456	0.176219793	1.0723614039
## 146	1207-10039	RR_10	0.240929005	0.7604456	0.191160131	0.9401003518
## 147	1244-10009	RR_10	0.072719339	0.7604456	0.629410025	0.4395754386
## 148	2710-10031	RR_10	0.030227279	-1.3148842	0.783793510	-1.4952464759
## 149	2345-10012	RR_10	0.096835450	0.7604456	0.001915858	0.6727287175
## 150	3041-10005	RR_10	0.010491936	0.7604456	-0.665419208	-0.0716303133
## 151	1424-10018	RR_10	0.019141694	-1.3148842	-0.336731787	-1.6510811744
## 152	2665-10012	RR_10	0.127993620	0.7604456	0.330603279	0.8203118580
## 153	1199-10017	RR_10	0.053946931	0.7604456	0.425225415	0.4039880280
## 154	1410-10006	RR_10	0.134780768	0.7604456	0.579608900	1.0522211004
## 155	2518-10005	RR_10	0.017952355	0.7604456	-0.356652237	0.3165151788
## 156	1460-10018	RR_10	0.035531975	-1.3148842	-0.396493136	-1.0459489270
## 157	2710-10002	RR_10	0.028958075	-1.3148842	1.162282055	-1.6526414717
## 158	1019-10005	RR_10	0.068103588	-1.3148842	0.788773623	-0.4368038978
## 159	2391-10001	RR_10	0.019936202	0.7604456	0.958097445	-0.4688742062
## 160	2329-10001	RR_10	0.001382954	0.7604456	0.519847551	-0.3489254937
## 161	2861-10001	RR_10	0.003628473	-1.3148842	0.923236658	-1.3882411527

## 162	2706-10012	RR_10	0.010470930	0.7604456	0.953117333	-0.9381553071
## 163	2293-10003	RR_10	0.011216952	0.7604456	-0.311831225	0.8238593029
## 164	1464-10028	RR_10	0.004502783	-1.3148842	-0.152467627	-0.8309879322
## 165	2452-10004	RR_10	0.008752166	0.7604456	0.026816420	0.6565431711
## 166	1188-10001	RR_10	0.012620929	-1.3148842	-0.003064254	-1.1223491162
## 167	1116-10017	RR_10	0.003962783	-1.3148842	0.405304965	-1.6895478955
## 168	2274-10001	RR_10	0.009924286	0.7604456	0.111478332	-0.4398132471
## 169	2548-10026	RR_10	0.025042025	-1.3148842	1.421247901	-1.0669448514
## 170	2548-10012	RR_10	0.025931476	-1.3148842	1.032799132	-0.5902799191
## 171	2710-10006	RR_10	0.022403258	0.7604456	1.162282055	0.1040829488
## 172	1492-10002	RR_10	0.004873575	-1.3148842	-1.048887865	-0.8009630323
## 173	2334-10001	RR_10	0.035858810	0.7604456	0.265861817	-0.4642932721
## 174	1325-10007	RR_10	0.017862038	-1.3148842	0.898336096	-0.4244455135
## 175	1245-10006	RR_10	0.007111423	-1.3148842	1.246943966	-1.2929678125
## 176	2571-10036	RR_10	0.011425284	-1.3148842	-0.286930663	-1.0773872469
## 177	1149-10014	RR_10	0.045800999	-1.3148842	2.437190838	-1.3339749887
## 178	2395-10029	RR_10	0.036233830	-1.3148842	2.322648252	-0.9483034740
## 179	1128-10005	RR_10	0.017459580	-1.3148842	-0.057845491	-0.3341266061
## 180	1053-10005	RR_10	0.025146213	-1.3148842	0.813674185	-1.4812214837
## 181	2293-10003	RR_10	0.011216952	0.7604456	-0.311831225	0.8238593029
## 182	2644-10035	RR_10	0.104527646	-1.3148842	1.993960831	-0.1527059834
## 183	2334-10001	RR_10	0.035858810	0.7604456	0.265861817	-0.4642932721
## 184	1007-10004	RR_10	0.070540979	-1.3148842	2.666276009	1.0573265989
## 185	1290-10007	RR_10	0.032634736	-1.3148842	-0.122586953	0.1026930547
## 186	1282-10004	RR_10	0.127488417	-1.3148842	2.860500394	0.5237469322
## 187	2329-10001	RR_10	0.001382954	0.7604456	0.519847551	-0.3489254937
## 188	3041-10005	RR_10	0.010491936	0.7604456	-0.665419208	-0.0716303133

##	189	2452-10004	RR_10	0.008752166	0.7604456	0.026816420	0.6565431711
##	190	1690-10001	RR_10	0.199688471	0.7604456	0.878415646	0.3472850631
##	191	1537-10012	RR_10	0.037314889	0.7604456	0.654310587	-0.4190617347
##	192	1645-10029	RR_10	0.021326211	-1.3148842	-1.063828202	-0.2060577504
##	193	2378-10009	RR_10	0.035304518	-1.3148842	3.308710513	-1.8826109220
##	194	2456-10002	RR_10	0.042898546	-1.3148842	0.903316208	-1.8151809894
##	195	2642-10029	RR_10	0.042669057	-1.3148842	0.355503841	-0.8601171164
##	196	1114-10002	RR_10	0.017246580	-1.3148842	-0.187328414	-1.4646634833
##	197	1302-10394	RR_10	0.212129083	-1.3148842	0.325623166	-0.9622289503
##	198	1302-10157	RR_10	0.285472519	-1.3148842	-1.128569664	-1.0551273499
##	199	1452-10019	RR_10	0.082333451	0.7604456	0.380404403	1.0240641991
##	200	2461-10011	RR_10	0.224239219	0.7604456	0.843554859	1.1242481784
##	201	1276-10002	RR_10	0.324209539	0.7604456	3.159307140	1.0145073511
##	202	1178-10007	RR_10	0.095654368	0.7604456	1.441168351	1.2211494703
##	203	1244-10009	RR_10	0.072719339	0.7604456	0.629410025	0.4395754386
##	204	1232-10003	RR_10	0.102105645	0.7604456	0.963077558	0.5816627489
##	205	2395-10016	RR_10	0.194952654	0.7604456	2.018861393	0.7283830238
##	206	1268-10009	RR_10	0.027200651	0.7604456	-0.217209089	0.4484151914
##	207	2353-10001	RR_10	0.097810537	0.7604456	0.554708338	0.2738725445
##	208	2515-10003	RR_10	0.140832076	0.7604456	1.077620144	0.5940386913
##	209	2665-10012	RR_10	0.127993620	0.7604456	0.330603279	0.8203118580
##	210	2719-10003	RR_10	0.035596650	0.7604456	-0.839723143	0.5986319629
##	211	1053-10005	RR_10	0.025146213	-1.3148842	0.813674185	-1.4812214837
##	212	2861-10001	RR_10	0.003628473	-1.3148842	0.923236658	-1.3882411527
##	213	1135-10002	RR_10	0.017359272	-1.3148842	-0.924385054	-0.6387443911
##	214	1528-10010	RR_10	0.015875754	-1.3148842	-0.994106628	-0.5659100104
##	215	1116-10017	RR_10	0.003962783	-1.3148842	0.405304965	-1.6895478955

##	216	1229-10013	RR_10	0.053330290	-1.3148842	2.457111287	-0.6677482536
##	217	1188-10001	RR_10	0.012620929	-1.3148842	-0.003064254	-1.1223491162
##	218	1149-10015	RR_10	0.066579975	-1.3148842	3.487994561	-1.1420115487
##	219	2448-10011	RR_10	0.110261022	-1.3148842	1.525830262	-0.5345430516
##	220	1325-10007	RR_10	0.017862038	-1.3148842	0.898336096	-0.4244455135
##	221	2548-10012	RR_10	0.025931476	-1.3148842	1.032799132	-0.5902799191
##	222	1729-10001	RR_10	0.001958248	-1.3148842	2.213085778	-1.8434421782
##	223	1149-10013	RR_10	0.117188497	-1.3148842	5.549761108	-1.2754337257
##	224	1245-10006	RR_10	0.007111423	-1.3148842	1.246943966	-1.2929678125
##	225	1302-10335	RR_10	0.731766442	0.7604456	-0.087726166	0.9354984235
##	226	2799-10013	RR_10	0.083027940	0.7604456	0.375424291	0.6161745085
##	227	1298-10039	RR_10	0.181169003	0.7604456	0.061677207	1.1376488472
##	228	1302-10208	RR_10	0.766548713	0.7604456	0.071637432	0.9606033060
##	229	2398-10079	RR_10	0.716870237	0.7604456	1.964080157	1.3290185774
##	230	1302-10346	RR_10	0.571493437	0.7604456	-0.406453361	0.7977516206
##	231	2449-10068	RR_10	0.276204199	0.7604456	0.320643054	1.0267640890
##	232	1302-10029	RR_10	0.713648481	0.7604456	0.813674185	0.5691997233
##	233	2788-10022	RR_10	0.455691553	0.7604456	1.217063292	1.1763046372
##	234	2323-10001	RR_10	0.282639944	0.7604456	0.504907214	1.3126694760
##	235	2449-10008	RR_10	0.453116402	0.7604456	1.007898570	1.0407794412
##	236	2266-10004	RR_10	0.366968745	0.7604456	2.462091400	0.8609132298
##	237	1460-10021	RR_10	0.085066964	0.7604456	-0.281950550	0.0279727337
##	238	2232-10002	RR_10	0.168823611	0.7604456	0.773833285	0.1241500807
##	239	1500-10006	RR_10	0.111737569	-1.3148842	-0.132547177	0.5599989567
##	240	1302-10412	RR_10	0.784816105	0.7604456	0.250921480	0.7074910240
##	241	1290-10007	RR_10	0.032634736	-1.3148842	-0.122586953	0.1026930547
##	242	1697-10001	RR_10	0.219619026	0.7604456	3.717079733	0.0675498924

##	243	1698-10001	RR_10	0.139238743	0.7604456	-0.466214710	0.4438286195
##	244	1282-10004	RR_10	0.127488417	-1.3148842	2.860500394	0.5237469322
##	245	2706-10012	RR_10	0.010470930	0.7604456	0.953117333	-0.9381553071
##	246	1690-10001	RR_10	0.199688471	0.7604456	0.878415646	0.3472850631
##	247	2710-10006	RR_10	0.022403258	0.7604456	1.162282055	0.1040829488
##	248	1007-10004	RR_10	0.070540979	-1.3148842	2.666276009	1.0573265989
##	249	1693-10001	RR_10	0.141202829	0.7604456	9.165322734	-0.2713276690
##	250	2116-10005	RR_10	0.052412799	0.7604456	-0.994106628	0.5189867707
##	251	1537-10012	RR_10	0.037314889	0.7604456	0.654310587	-0.4190617347
##	252	1302-10269	RR_10	0.632640264	-1.3148842	1.789776221	0.3579582517
##	253	1302-10158	RR_10	0.486575880	-1.3148842	-1.407455960	0.0680159915
##	254	1302-10156	RR_10	0.196639091	-1.3148842	-0.844703255	-1.5187793753
##	255	1302-10256	RR_10	0.364647244	-1.3148842	0.699131599	-0.5717565699
##	256	2642-10043	RR_10	0.093761435	-1.3148842	1.202122954	-1.1496159950
##	257	2642-10029	RR_10	0.042669057	-1.3148842	0.355503841	-0.8601171164
##	258	1149-10027	RR_10	0.091818075	-1.3148842	1.705114310	-0.3289996999
##	259	1145-10007	RR_10	0.194886203	0.7604456	1.406307564	1.2270836500
##	260	1400-10003	RR_10	0.125251768	0.7604456	0.066657320	1.2750957096
##	261	1589-10014	RR_10	0.087016286	0.7604456	1.924239257	0.6492305456
##	262	2665-10012	RR_10	0.127993620	0.7604456	0.330603279	0.8203118580
##	263	2657-10006	RR_10	0.183640027	0.7604456	1.241963854	0.9450382490
##	264	1211-10028	RR_10	0.172290491	0.7604456	0.649330474	1.2318533140
##	265	1302-10081	RR_10	0.548640674	0.7604456	-0.027964816	0.7893905064
##	266	1302-10222	RR_10	0.763941876	0.7604456	2.163284654	1.0770321288
##	267	1229-10001	RR_10	0.099339021	0.7604456	0.385384515	1.2188248286
##	268	1302-10080	RR_10	0.434385611	0.7604456	-0.894504380	0.8678388740
##	269	1302-10200	RR_10	0.896431057	0.7604456	5.908329203	0.7915258982

##	270	2345-10006	RR_10	0.196179835	0.7604456	0.216060693	1.0687160827
##	271	1053-10005	RR_10	0.025146213	-1.3148842	0.813674185	-1.4812214837
##	272	1325-10007	RR_10	0.017862038	-1.3148842	0.898336096	-0.4244455135
##	273	1385-10001	RR_10	0.284399520	-1.3148842	8.697192165	-0.0934311055
##	274	2448-10011	RR_10	0.110261022	-1.3148842	1.525830262	-0.5345430516
##	275	1067-10014	RR_10	0.029563029	-1.3148842	1.047739469	-0.1756154035
##	276	1149-10013	RR_10	0.117188497	-1.3148842	5.549761108	-1.2754337257
##	277	1149-10015	RR_10	0.066579975	-1.3148842	3.487994561	-1.1420115487
##	278	1245-10006	RR_10	0.007111423	-1.3148842	1.246943966	-1.2929678125
##	279	1229-10013	RR_10	0.053330290	-1.3148842	2.457111287	-0.6677482536
##	280	2548-10026	RR_10	0.025042025	-1.3148842	1.421247901	-1.0669448514
##	281	1492-10002	RR_10	0.004873575	-1.3148842	-1.048887865	-0.8009630323
##	282	2548-10012	RR_10	0.025931476	-1.3148842	1.032799132	-0.5902799191
##	283	2534-10023	RR_10	0.037517344	-1.3148842	1.964080157	-1.5918545545
##	284	2255-10001	RR_10	0.021068432	-1.3148842	0.729012273	-1.1042834295
##	285	1302-10147	RR_10	0.864418325	0.7604456	2.163284654	0.8671251457
##	286	2472-10002	RR_10	0.134338333	0.7604456	1.271844528	0.6015892693
##	287	1302-10207	RR_10	0.788836776	0.7604456	1.042759357	0.8662375523
##	288	2286-10027	RR_10	0.377735229	0.7604456	0.619449800	1.2956456893
##	289	2432-10007	RR_10	0.232876837	0.7604456	-0.506055610	0.8616722183
##	290	1459-10042	RR_10	0.266504250	0.7604456	-0.530956172	1.1975844674
##	291	2523-10018	RR_10	0.358259162	0.7604456	1.485989363	0.9081988926
##	292	2698-10021	RR_10	0.459154517	0.7604456	0.594549238	1.3686053786
##	293	1302-10015	RR_10	0.862891142	0.7604456	1.720054647	1.0488308137
##	294	1302-10039	RR_10	0.824369586	0.7604456	0.928216771	0.9167677389
##	295	1302-10279	RR_10	0.626508959	0.7604456	-0.052865379	0.9201312231
##	296	2398-10041	RR_10	0.425925229	0.7604456	0.031796533	1.3620364149

## 297	2644-10005	RR_10	0.213027635	0.7604456	0.295742492	1.0994723037
## 298	1302-10313	RR_10	0.586562710	0.7604456	-0.057845491	0.7787153317
## 299	1302-10408	RR_10	0.740643164	0.7604456	-0.003064254	1.0933473679
## 300	1995-10054	RR_10	0.247812630	0.7604456	-0.341711900	1.1689896955
## 301	2449-10056	RR_20	0.314554466	0.7604456	-0.401473249	0.9255128487
## 302	2510-10133	RR_20	0.854868089	0.7604456	1.879418245	1.3358068004
## 303	1302-10121	RR_20	0.821219115	0.7604456	-1.123589552	0.4876592776
## 304	2323-10008	RR_20	0.489992789	0.7604456	0.509887326	1.1602913650
## 305	2967-10036	RR_20	0.288426124	0.7604456	-0.022984704	0.8126759221
## 306	1302-10319	RR_20	0.821164004	0.7604456	-0.416413586	0.9152289370
## 307	2799-10012	RR_20	0.417023042	0.7604456	0.938176995	1.2485364262
## 308	2967-10010	RR_20	0.564982501	0.7604456	0.843554859	1.3612446855
## 309	2398-10110	RR_20	0.551961790	0.7604456	-0.401473249	0.8711360139
## 310	1500-10008	RR_20	0.483241244	0.7604456	0.504907214	-1.0629741328
## 311	1298-10048	RR_20	0.074542013	-1.3148842	-0.052865379	-1.0331224622
## 312	1302-10138	RR_20	0.831262668	0.7604456	-0.799882243	0.5095122354
## 313	1351-10007	RR_20	0.525428382	0.7604456	1.341566102	1.1238954850
## 314	2510-10134	RR_20	0.730025184	0.7604456	0.330603279	1.3038459127
## 315	2286-10057	RR_20	0.659746589	0.7604456	-0.441314148	1.3393731820
## 316	2717-10028	RR_20	0.517676402	0.7604456	0.295742492	1.3038156931
## 317	2788-10016	RR_20	0.493498522	0.7604456	1.097540593	-0.4611183421
## 318	1995-10054	RR_20	0.516268643	0.7604456	-0.341711900	1.1689896955
## 319	1224-10008	RR_20	0.436492864	0.7604456	1.804716559	0.8268448923
## 320	1302-10296	RR_20	0.628099220	-1.3148842	-0.291910775	-0.4750193734
## 321	2644-10010	RR_20	0.429867607	0.7604456	-0.107646615	1.1188607447
## 322	1870-10002	RR_20	0.423615279	0.7604456	2.337588589	1.0214877211
## 323	1055-10006	RR_20	0.119033481	0.7604456	-0.964225954	1.2546659024

## 324	2432-10002	RR_20	0.737728255	0.7604456	-0.102666503	1.3428471628
## 325	2353-10005	RR_20	0.211654582	0.7604456	-0.525976060	0.7919122419
## 326	1575-10001	RR_20	0.185299170	0.7604456	0.295742492	0.7809348120
## 327	2353-10001	RR_20	0.259920430	0.7604456	0.554708338	0.2738725445
## 328	1260-10002	RR_20	0.117691961	0.7604456	-0.600677746	1.2126694213
## 329	2621-10003	RR_20	0.419440991	0.7604456	0.793753735	0.1057515922
## 330	2510-10083	RR_20	0.775247945	0.7604456	1.117461043	1.3070294509
## 331	1302-10257	RR_20	0.349913060	-1.3148842	-0.954265729	-1.2750467836
## 332	2642-10030	RR_20	0.151398948	-1.3148842	0.539768001	-0.6069512598
## 333	2510-10103	RR_20	0.811232755	0.7604456	1.590571724	1.3213810839
## 334	2571-10028	RR_20	0.505563144	0.7604456	1.580611499	0.9819350798
## 335	2395-10043	RR_20	0.426672288	0.7604456	2.392369826	0.5006041284
## 336	1510-10028	RR_20	0.363237028	0.7604456	2.073642630	0.6262978657
## 337	2799-10004	RR_20	0.326907335	0.7604456	-0.102666503	1.1685863646
## 338	2326-10002	RR_20	0.059158025	0.7604456	-0.939325392	-0.7758057623
## 339	1404-10003	RR_20	0.310848281	0.7604456	0.031796533	1.0145406796
## 340	2282-10010	RR_20	0.529825149	0.7604456	1.695154085	0.8108257358
## 341	1302-10239	RR_20	0.806133894	0.7604456	0.211080580	1.0958428526
## 342	2698-10017	RR_20	0.551076921	0.7604456	0.141359006	0.8902350026
## 343	2510-10061	RR_20	0.800331084	0.7604456	1.042759357	1.1695831719
## 344	2248-10002	RR_20	0.653394600	0.7604456	2.994963430	0.7471398151
## 345	1460-10010	RR_20	0.408598620	0.7604456	-0.097686390	0.7804552785
## 346	1460-10019	RR_20	0.184161641	-1.3148842	-0.396493136	-0.2104038484
## 347	1073-10005	RR_20	0.224753024	0.7604456	0.235981143	1.1761817797
## 348	1077-10007	RR_20	0.180007598	0.7604456	-0.192308527	0.9868615569
## 349	1302-10043	RR_20	0.931100722	0.7604456	0.410285078	0.9977596865
## 350	1302-10181	RR_20	0.721930603	0.7604456	-1.143510001	0.3352083895

## 351	1177-10007	RR_20	0.438079655	0.7604456	-0.794902131	0.7885657018
## 352	1510-10004	RR_20	0.334566327	0.7604456	0.813674185	0.9621942453
## 353	2788-10008	RR_20	0.304445730	0.7604456	0.873435534	1.1212952229
## 354	1302-10329	RR_20	0.802023301	0.7604456	0.096537994	0.7229112541
## 355	1536-10015	RR_20	0.065540121	-1.3148842	-0.690319770	-0.6015395254
## 356	2493-10011	RR_20	0.325583669	0.7604456	-0.979166291	1.1940279038
## 357	2967-10038	RR_20	0.457475695	0.7604456	-0.371592574	1.0938282040
## 358	1302-10310	RR_20	0.647570285	-1.3148842	2.706116909	-1.7088147041
## 359	2750-10007	RR_20	0.428540800	0.7604456	-0.187328414	1.2511257127
## 360	1298-10020	RR_20	0.574406175	0.7604456	2.342568701	1.1594792674
## 361	1302-10032	RR_20	0.918555207	0.7604456	0.579608900	1.0930984919
## 362	1149-10011	RR_20	0.492222362	0.7604456	2.242966453	0.0246872500
## 363	1302-10144	RR_20	0.933741603	0.7604456	0.166259568	1.1304382151
## 364	2716-10011	RR_20	0.078655936	0.7604456	-0.635538533	-0.3215127892
## 365	1302-10358	RR_20	0.934533953	0.7604456	0.539768001	0.9930960553
## 366	2753-10009	RR_20	0.680860285	0.7604456	-0.008044367	1.2147214424
## 367	1510-10006	RR_20	0.190490781	0.7604456	2.457111287	0.3692438532
## 368	1302-10082	RR_20	0.825164489	0.7604456	0.275822042	1.0429418098
## 369	2398-10118	RR_20	0.642683250	0.7604456	0.041756758	1.2842554427
## 370	2449-10006	RR_20	0.716466816	0.7604456	0.335583391	1.1613114698
## 371	1166-10006	RR_20	0.253866438	0.7604456	-0.610637971	0.6282995927
## 372	1302-10097	RR_20	0.812619552	0.7604456	-1.442316747	0.9187407622
## 373	1128-10007	RR_20	0.429817354	0.7604456	-0.057845491	1.0662671537
## 374	1302-10034	RR_20	0.885829382	0.7604456	0.415265190	0.6771239566
## 375	2644-10005	RR_20	0.467206852	0.7604456	0.295742492	1.0994723037
## 376	2829-10006	RR_20	0.439035988	0.7604456	-0.461234598	1.0730121216
## 377	2717-10008	RR_20	0.409769726	0.7604456	-0.535936284	1.3709367331

## 378	1207-10012	RR_20	0.601724106	0.7604456	1.411287677	1.1660002421
## 379	2567-10016	RR_20	0.707953305	0.7604456	0.539768001	1.2682259538
## 380	2398-10041	RR_20	0.706182366	0.7604456	0.031796533	1.3620364149
## 381	1302-10215	RR_20	0.880497189	0.7604456	-0.097686390	0.5456050658
## 382	1302-10252	RR_20	0.914705195	0.7604456	0.300722604	0.6739894307
## 383	1327-10002	RR_20	0.531323999	0.7604456	0.529807776	1.2776207583
## 384	1044-10016	RR_20	0.544013425	0.7604456	2.696156684	1.2276698718
## 385	1455-10004	RR_20	0.294733818	-1.3148842	-0.187328414	0.4969652138
## 386	1333-10008	RR_20	0.522286052	0.7604456	-0.212228976	1.1669176106
## 387	2286-10009	RR_20	0.075264114	-1.3148842	-0.202268752	-0.9695131080
## 388	2323-10031	RR_20	0.637172362	0.7604456	0.694151486	1.3653576587
## 389	2282-10013	RR_20	0.688795993	0.7604456	0.958097445	1.1889417355
## 390	2383-10028	RR_20	0.233659819	0.7604456	-0.296890888	0.9415993209
## 391	2753-10011	RR_20	0.718414749	0.7604456	2.407310163	1.1060509384
## 392	1302-10210	RR_20	0.867805842	0.7604456	-0.784941906	0.7699573822
## 393	1302-10276	RR_20	0.874547528	0.7604456	-0.162427852	0.6058506262
## 394	2665-10011	RR_20	0.373987076	0.7604456	0.365464066	0.7747471892
## 395	2967-10021	RR_20	0.397184474	0.7604456	-0.715220332	1.2805535899
## 396	1302-10400	RR_20	0.911199803	0.7604456	-0.262030101	1.1134784292
## 397	2432-10033	RR_20	0.414683044	0.7604456	-0.426373811	1.1475046945
## 398	1482-10004	RR_20	0.386714151	0.7604456	-0.789922019	1.2384433627
## 399	1302-10036	RR_20	0.941173513	0.7604456	0.489966877	1.0344555329
## 400	2398-10079	RR_20	0.891330062	0.7604456	1.964080157	1.3290185774
## 401	2670-10002	RR_20	0.279316804	0.7604456	0.649330474	-0.0546201684
## 402	2432-10004	RR_20	0.640871546	0.7604456	-0.267010213	1.0693868538
## 403	1302-10010	RR_20	0.915586657	0.7604456	-0.102666503	0.9678996099
## 404	1547-10001	RR_20	0.437952182	0.7604456	2.467071512	0.6833961892

## 405	1898-10002	RR_20	0.327102080	0.7604456	-0.276970438	1.1484173458
## 406	2449-10029	RR_20	0.647190351	0.7604456	1.062679806	0.9654759024
## 407	2145-10016	RR_20	0.399198130	0.7604456	-1.462237197	1.1399971240
## 408	1688-10001	RR_20	0.424733630	0.7604456	1.545750712	0.7564303335
## 409	1452-10010	RR_20	0.321715099	0.7604456	0.066657320	1.0265533318
## 410	1178-10008	RR_20	0.267705195	0.7604456	2.053722180	1.0486233273
## 411	2698-10030	RR_20	0.608338860	0.7604456	0.853515084	1.1294594065
## 412	1233-10010	RR_20	0.546630897	0.7604456	-0.112626728	0.5373236169
## 413	1302-10019	RR_20	0.924004049	0.7604456	0.006895971	1.1513929128
## 414	1995-10041	RR_20	0.545248367	0.7604456	-0.042905154	1.3184456496
## 415	2510-10006	RR_20	0.554530064	0.7604456	-0.391513024	0.6979804159
## 416	1302-10275	RR_20	0.874757405	0.7604456	-0.027964816	1.0368756642
## 417	2510-10112	RR_20	0.877747157	0.7604456	2.726037359	1.1194696105
## 418	1302-10021	RR_20	0.966765838	0.7604456	2.427230613	1.0386093221
## 419	2395-10017	RR_20	0.422372007	0.7604456	1.959100044	0.8232108490
## 420	1302-10035	RR_20	0.960661126	0.7604456	1.022838907	1.1257414725
## 421	2725-10001	RR_20	0.008722864	0.7604456	-0.281950550	-0.0909777316
## 422	1379-10014	RR_20	0.178095247	0.7604456	-0.117606840	0.7944917181
## 423	2449-10022	RR_20	0.411042821	0.7604456	-0.122586953	0.5951529613
## 424	1575-10005	RR_20	0.217686328	0.7604456	0.405304965	0.9226202443
## 425	1062-10011	RR_20	0.365014296	0.7604456	-0.162427852	0.6131524055
## 426	2378-10001	RR_20	0.513930363	0.7604456	0.086577770	1.1995871625
## 427	1298-10009	RR_20	0.484887233	0.7604456	0.325623166	1.2131153180
## 428	1470-10011	RR_20	0.254932117	0.7604456	1.162282055	0.7603283148
## 429	2532-10008	RR_20	0.521502857	0.7604456	1.162282055	0.8670569453
## 430	2398-10077	RR_20	0.561057912	0.7604456	-0.286930663	0.8792956028
## 431	1456-10013	RR_20	0.482727301	0.7604456	0.305702717	1.2878198561

## 432	1281-10004	RR_20	0.284881412	0.7604456	0.833594634	1.0078329044
## 433	1076-10005	RR_20	0.424640506	0.7604456	0.788773623	1.0871366283
## 434	2448-10041	RR_20	0.143936381	-1.3148842	0.509887326	-1.1026957556
## 435	2398-10110	RR_20	0.551961790	0.7604456	-0.401473249	0.8711360139
## 436	1232-10001	RR_20	0.263200848	0.7604456	0.355503841	0.9707250156
## 437	1456-10015	RR_20	0.500228505	0.7604456	-0.167407964	1.2797142429
## 438	1298-10048	RR_20	0.074542013	-1.3148842	-0.052865379	-1.0331224622
## 439	2532-10017	RR_20	0.209829943	0.7604456	0.231001030	0.8037925773
## 440	1581-10016	RR_20	0.061493557	-1.3148842	-0.635538533	-0.5835546638
## 441	1252-10015	RR_20	0.242763588	0.7604456	0.211080580	0.6846312248
## 442	2472-10006	RR_20	0.471602544	0.7604456	1.022838907	0.9022323195
## 443	1129-10009	RR_20	0.190369861	0.7604456	0.544748113	1.0812447214
## 444	2642-10009	RR_20	0.496939164	0.7604456	0.559688451	1.0345073775
## 445	2472-10005	RR_20	0.461657353	0.7604456	0.768853173	0.9080340342
## 446	1199-10008	RR_20	0.241217791	0.7604456	-0.281950550	0.7751046938
## 447	2398-10075	RR_20	0.639136205	0.7604456	0.310682829	1.2836248889
## 448	1193-10007	RR_20	0.378448607	0.7604456	-0.042905154	1.2028633433
## 449	2360-10006	RR_20	0.106271284	-1.3148842	0.240961255	-0.9675482798
## 450	1199-10023	RR_20	0.237176118	0.7604456	-0.022984704	1.0058488711
## 451	2449-10029	RR_20	0.647190351	0.7604456	1.062679806	0.9654759024
## 452	2534-10021	RR_20	0.021651291	-1.3148842	0.116458444	-1.2513912503
## 453	1468-10005	RR_20	0.006409394	0.7604456	-1.243112250	-0.2288701336
## 454	1589-10010	RR_20	0.019788339	-1.3148842	-0.525976060	-0.7465690858
## 455	1232-10003	RR_20	0.269210013	0.7604456	0.963077558	0.5816627489
## 456	1492-10004	RR_20	0.016537376	-1.3148842	-0.530956172	-1.2266802933
## 457	1215-10005	RR_20	0.229174247	0.7604456	0.106498219	0.5543491458
## 458	1589-10009	RR_20	0.035065564	-1.3148842	-0.416413586	-1.5334841477

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## 459 2670-10006 RR_20 0.067130261 -1.3148842 -0.281950550 -1.2234851146
## 460 1138-10025 RR_20 0.062609416 -1.3148842 0.798733847 -1.4263655119
## 461 2300-10011 RR_20 0.038842558 0.7604456 -0.760041344 0.2023109980
## 462 2518-10005 RR_20 0.055908407 0.7604456 -0.356652237 0.3165151788
## 463 2755-10022 RR_20 0.041953847 0.7604456 -0.381552799 -0.5221146810
## 464 2267-10004 RR_20 0.022478879 -1.3148842 -0.401473249 -1.2390946359
## 465 2345-10009 RR_20 0.059588302 0.7604456 -0.929365167 -0.3044470368
## 466 1351-10006 RR_20 0.025425294 -1.3148842 -0.267010213 -1.4042204170
## 467 1662-10007 RR_20 0.032345507 0.7604456 -0.147487515 -0.3873127002
## 468 2114-10001 RR_20 0.026707188 -1.3148842 0.290762379 -0.4483549856
## 469 2608-10012 RR_20 0.058164183 0.7604456 -0.645498758 -0.1402604175
## 470 2636-10005 RR_20 0.053524045 0.7604456 0.549728226 -0.1299787143
## 471 1132-10009 RR_20 0.051887016 0.7604456 -0.520995947 0.0008403106
## 472 2819-10010 RR_20 0.052473198 0.7604456 -0.411433474 -0.1399666876
## 473 1115-10004 RR_20 0.044756841 -1.3148842 1.924239257 -1.4391556396
## 474 2971-10001 RR_20 0.018029962 -1.3148842 1.570651274 -1.3362375705
## 475 2143-10001 RR_20 0.044126187 -1.3148842 1.241963854 -0.4616630400
## 476 1888-10002 RR_20 0.034346837 -1.3148842 0.066657320 -0.7792865881
## 477 2600-10006 RR_20 0.067197349 -1.3148842 1.490969475 -0.8323070566
## 478 1325-10005 RR_20 0.049571081 -1.3148842 0.982998007 -0.9030946230
## 479 1424-10010 RR_20 0.039932187 -1.3148842 1.605512061 -1.8899311476
## 480 1128-10006 RR_20 0.034189920 -1.3148842 -0.281950550 -1.3696802878
## 481 2728-10003 RR_20 0.071967102 0.7604456 1.560691050 -0.9069290436
## 482 1865-10001 RR_20 0.034929187 0.7604456 -0.316811337 -0.1562335635
## 483 1544-10006 RR_20 0.071694329 0.7604456 2.417270388 -0.6638878206
## 484 1104-10001 RR_20 0.087049981 0.7604456 0.982998007 -0.4507355602
## 485 1451-10010 RR_20 0.121426850 -1.3148842 0.226020918 -0.0440876527
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## 486	2636-10005	RR_20	0.053524045	0.7604456	0.549728226	-0.1299787143
## 487	2510-10148	RR_20	0.249085051	0.7604456	0.514867439	-0.9258245339
## 488	1706-10001	RR_20	0.319330652	0.7604456	-0.132547177	-0.4784617574
## 489	1132-10009	RR_20	0.051887016	0.7604456	-0.520995947	0.0008403106
## 490	2328-10001	RR_20	0.008456825	0.7604456	-0.984146403	-0.7785124934
## 491	1589-10017	RR_20	0.076880611	0.7604456	-1.148490114	0.0163639488
## 492	1424-10019	RR_20	0.048485475	-1.3148842	-0.730160669	-1.3610449165
## 493	1566-10012	RR_20	0.171589396	-1.3148842	0.823634410	-0.9189151019
## 494	2282-10009	RR_20	0.311669536	-1.3148842	0.076617545	0.0860015016
## 495	2670-10027	RR_20	0.047117629	-1.3148842	-0.705260107	-1.2673762682
## 496	2378-10006	RR_20	0.044454590	-1.3148842	0.584589013	-1.8741890127
## 497	1302-10394	RR_20	0.465870848	-1.3148842	0.325623166	-0.9622289503
## 498	1514-10004	RR_20	0.256325810	-1.3148842	0.823634410	-0.7248217935
## 499	1561-10005	RR_20	0.136004089	0.7604456	-1.173390676	0.9179433180
## 500	1544-10001	RR_20	0.135179786	0.7604456	1.376426890	0.7188630989
## 501	1302-10080	RR_20	0.713292729	0.7604456	-0.894504380	0.8678388740
## 502	1053-10015	RR_20	0.282534604	0.7604456	-0.257049988	1.2020169274
## 503	2613-10005	RR_20	0.226557898	0.7604456	-0.227169314	0.9810160464
## 504	1244-10006	RR_20	0.339059508	0.7604456	0.564668563	0.8244886548
## 505	1268-10008	RR_20	0.232748559	0.7604456	-0.979166291	1.2667232863
## 506	1260-10002	RR_20	0.117691961	0.7604456	-0.600677746	1.2126694213
## 507	1302-10005	RR_20	0.842824564	0.7604456	0.868455421	0.9954836518
## 508	1393-10005	RR_20	0.286023537	0.7604456	0.943157108	0.6073517311
## 509	1207-10019	RR_20	0.117649603	0.7604456	-0.182348302	0.7836978386
## 510	2364-10004	RR_20	0.370241986	0.7604456	0.818654297	1.0480788073
## 511	2642-10045	RR_20	0.061870088	-1.3148842	1.396347339	-1.7009782207
## 512	2563-10015	RR_20	0.120549616	-1.3148842	1.376426890	-0.9485415606

## 513	1307-10005	RR_20	0.058607576	-1.3148842	-0.356652237	-0.3827095104
## 514	1888-10002	RR_20	0.034346837	-1.3148842	0.066657320	-0.7792865881
## 515	2448-10019	RR_20	0.071041615	-1.3148842	0.001915858	-1.3292903747
## 516	1128-10006	RR_20	0.034189920	-1.3148842	-0.281950550	-1.3696802878
## 517	1325-10005	RR_20	0.049571081	-1.3148842	0.982998007	-0.9030946230
## 518	1135-10036	RR_20	0.116773864	-1.3148842	1.137381493	-1.1618539734
## 519	2267-10004	RR_20	0.022478879	-1.3148842	-0.401473249	-1.2390946359
## 520	2448-10011	RR_20	0.286454278	-1.3148842	1.525830262	-0.5345430516
## 521	1095-10006	RR_20	0.025205046	-1.3148842	-0.391513024	-1.3414299880
## 522	1188-10006	RR_20	0.062720417	-1.3148842	0.450125977	-1.0967855383
## 523	1283-10004	RR_20	0.009403613	-1.3148842	-1.726183156	-1.0134255096
## 524	2114-10001	RR_20	0.026707188	-1.3148842	0.290762379	-0.4483549856
## 525	2429-10027	RR_20	0.576272025	0.7604456	0.006895971	0.9326806324
## 526	1995-10057	RR_20	0.502664353	0.7604456	-0.436334036	1.4016994095
## 527	2398-10091	RR_20	0.754794182	0.7604456	0.131398781	1.3732346957
## 528	2323-10030	RR_20	0.610863415	0.7604456	1.217063292	1.0117103266
## 529	2755-10012	RR_20	0.601273678	0.7604456	1.122441155	1.0065035981
## 530	1302-10064	RR_20	0.817358617	0.7604456	0.405304965	0.6616641651
## 531	2786-10007	RR_20	0.637080426	0.7604456	0.131398781	1.2341188078
## 532	1302-10144	RR_20	0.933741603	0.7604456	0.166259568	1.1304382151
## 533	1510-10023	RR_20	0.351134628	0.7604456	-0.217209089	1.0820738363
## 534	2717-10039	RR_20	0.450879197	0.7604456	0.499927101	1.2524499078
## 535	2286-10053	RR_20	0.724009696	0.7604456	0.171239681	1.2051726292
## 536	1302-10001	RR_20	0.939250738	0.7604456	1.276824641	1.1332369104
## 537	2510-10080	RR_20	0.540010037	0.7604456	0.604509463	0.3666735959
## 538	2788-10001	RR_20	0.538956214	0.7604456	-0.182348302	0.8796390933
## 539	1298-10043	RR_20	0.522874555	0.7604456	0.978017895	1.1517194995

## 540	1302-10063	RR_20	0.941872928	0.7604456	0.504907214	1.2980055057
## 541	2326-10002	RR_20	0.059158025	0.7604456	-0.939325392	-0.7758057623
## 542	2395-10013	RR_20	0.223956095	0.7604456	2.068662518	-0.0827872936
## 543	1104-10001	RR_20	0.087049981	0.7604456	0.982998007	-0.4507355602
## 544	2636-10005	RR_20	0.053524045	0.7604456	0.549728226	-0.1299787143
## 545	1686-10001	RR_20	0.592539756	0.7604456	5.485019646	0.3315895841
## 546	1459-10024	RR_20	0.149626369	0.7604456	1.107500818	-0.6018815455
## 547	2545-10006	RR_20	0.364765911	0.7604456	2.586594211	-0.6955901685
## 548	2345-10009	RR_20	0.059588302	0.7604456	-0.929365167	-0.3044470368
## 549	1544-10006	RR_20	0.071694329	0.7604456	2.417270388	-0.6638878206
## 550	1706-10001	RR_20	0.319330652	0.7604456	-0.132547177	-0.4784617574
## 551	1695-10001	RR_20	0.382688666	0.7604456	1.017858794	0.0605935681
## 552	2644-10026	RR_20	0.249647717	-1.3148842	0.599529350	-0.4928519689
## 553	1302-10310	RR_20	0.647570285	-1.3148842	2.706116909	-1.7088147041
## 554	2698-10003	RR_20	0.111619477	-1.3148842	-0.107646615	-0.8504568258
## 555	1181-10018	RR_20	0.338309376	-1.3148842	1.431208126	0.0484849661
## 556	1302-10229	RR_20	0.232601001	-1.3148842	-0.227169314	-1.7706139546
## 557	1298-10030	RR_20	0.136300715	-1.3148842	-0.267010213	-0.5649036429
## 558	1302-10257	RR_20	0.349913060	-1.3148842	-0.954265729	-1.2750467836
## 559	1470-10004	RR_20	0.458327207	0.7604456	1.336585990	0.7539075521
## 560	1309-10001	RR_20	0.338756738	0.7604456	-0.291910775	1.1301013110
## 561	2719-10001	RR_20	0.210339404	0.7604456	-0.172388077	0.7179905283
## 562	2503-10001	RR_20	0.328783463	0.7604456	-1.138529889	0.9818735374
## 563	1302-10005	RR_20	0.842824564	0.7604456	0.868455421	0.9954836518
## 564	1446-10002	RR_20	0.214273697	0.7604456	-0.555856734	0.5809625851
## 565	2353-10005	RR_20	0.211654582	0.7604456	-0.525976060	0.7919122419
## 566	1351-10007	RR_20	0.525428382	0.7604456	1.341566102	1.1238954850

## 567	2164-10014	RR_20	0.331860418	0.7604456	0.275822042	1.1200356621
## 568	2571-10028	RR_20	0.505563144	0.7604456	1.580611499	0.9819350798
## 569	1075-10008	RR_20	0.324658104	0.7604456	-0.560836847	1.1112227573
## 570	1199-10003	RR_20	0.289804672	0.7604456	0.245941367	0.8316367854
## 571	1302-10143	RR_20	0.705646324	-1.3148842	-1.342714499	-1.4151166510
## 572	2190-10016	RR_20	0.163330028	-1.3148842	-1.526978659	0.9008108937
## 573	2548-10019	RR_20	0.098616944	-1.3148842	0.758892948	-0.5687288267
## 574	2644-10067	RR_20	0.146695635	-1.3148842	2.347548814	-0.9028308978
## 575	1385-10001	RR_20	0.562833092	-1.3148842	8.697192165	-0.0934311055
## 576	1314-10009	RR_20	0.084144519	-1.3148842	2.367469264	-0.5033274195
## 577	1095-10006	RR_20	0.025205046	-1.3148842	-0.391513024	-1.3414299880
## 578	1675-10001	RR_20	0.551747795	-1.3148842	10.385450280	-1.2562785920
## 579	1343-10018	RR_20	0.097971065	-1.3148842	0.903316208	-0.2363926552
## 580	1135-10036	RR_20	0.116773864	-1.3148842	1.137381493	-1.1618539734
## 581	1351-10011	RR_20	0.048256055	-1.3148842	-0.326771562	-0.5414307711
## 582	2143-10001	RR_20	0.044126187	-1.3148842	1.241963854	-0.4616630400
## 583	1149-10015	RR_20	0.187697474	-1.3148842	3.487994561	-1.1420115487
## 584	1325-10005	RR_20	0.049571081	-1.3148842	0.982998007	-0.9030946230
## 585	2392-10002	RR_20	0.408020481	0.7604456	0.435185640	0.4995752951
## 586	1302-10377	RR_20	0.931231788	0.7604456	0.818654297	0.7293075518
## 587	2493-10011	RR_20	0.325583669	0.7604456	-0.979166291	1.1940279038
## 588	2323-10025	RR_20	0.615921510	0.7604456	0.480006652	1.3169361438
## 589	2967-10002	RR_20	0.631681202	0.7604456	1.207103067	1.3274680855
## 590	2243-10001	RR_20	0.750165161	0.7604456	2.726037359	1.2285216345
## 591	2432-10002	RR_20	0.737728255	0.7604456	-0.102666503	1.3428471628
## 592	2449-10043	RR_20	0.659625957	0.7604456	0.146339119	1.0827997025
## 593	2967-10028	RR_20	0.556030498	0.7604456	0.475026539	1.1989840609

##	594	2398-10087	RR_20	0.742731326	0.7604456	0.669250924	1.2969458427
##	595	2567-10006	RR_20	0.692432344	0.7604456	0.081597657	1.4031751759
##	596	2282-10022	RR_20	0.695242359	0.7604456	0.978017895	1.1966378369
##	597	2753-10011	RR_20	0.718414749	0.7604456	2.407310163	1.1060509384
##	598	1510-10012	RR_20	0.500710670	0.7604456	1.545750712	0.8230353299
##	599	2449-10051	RR_20	0.642206126	0.7604456	1.012878682	1.0997120110
##	600	1477-10028	RR_20	0.466674148	0.7604456	-0.864623705	1.1478142798
##	601	2510-10105	RR_30	0.948826489	0.7604456	2.925241856	1.0499968285
##	602	2449-10035	RR_30	0.620666948	0.7604456	-0.381552799	0.7983549773
##	603	1302-10224	RR_30	0.897489008	0.7604456	-0.680359545	1.0338217260
##	604	2644-10023	RR_30	0.481595493	0.7604456	-0.182348302	0.4245043846
##	605	2448-10025	RR_30	0.476910436	-1.3148842	2.417270388	-1.9749945715
##	606	2785-10001	RR_30	0.404638568	0.7604456	0.499927101	0.0132385067
##	607	2621-10003	RR_30	0.626756041	0.7604456	0.793753735	0.1057515922
##	608	2448-10038	RR_30	0.267038733	-1.3148842	1.007898570	-0.9836476491
##	609	1379-10012	RR_30	0.578852273	0.7604456	0.733992386	1.2507384587
##	610	2621-10010	RR_30	0.511144307	0.7604456	-0.436334036	1.2148194742
##	611	1995-10003	RR_30	0.285244653	0.7604456	-0.112626728	-1.1110136597
##	612	1302-10274	RR_30	0.853127080	0.7604456	-0.750081119	0.3149570757
##	613	2829-10007	RR_30	0.645211976	0.7604456	-0.889524267	1.1506806760
##	614	1302-10076	RR_30	0.954814185	0.7604456	0.440165752	0.6443671695
##	615	2395-10002	RR_30	0.864666813	0.7604456	1.535790487	1.1894362369
##	616	1295-10017	RR_30	0.755315584	0.7604456	-0.306851113	1.3872543764
##	617	1362-10005	RR_30	0.354526784	0.7604456	-0.924385054	0.4105601383
##	618	1302-10175	RR_30	0.966810893	0.7604456	0.116458444	1.1670730968
##	619	1298-10036	RR_30	0.769786512	0.7604456	2.601534548	0.8289087109
##	620	1302-10322	RR_30	0.932680836	0.7604456	-0.929365167	0.8806746535

## 621	1094-10005	RR_30	0.862916684	0.7604456	2.223046003	0.5080002240
## 622	2510-10074	RR_30	0.831636048	0.7604456	0.315662941	1.2304725342
## 623	1065-10021	RR_30	0.834260902	0.7604456	1.979020494	1.0447627518
## 624	1166-10005	RR_30	0.337549340	0.7604456	-0.018004592	0.3876640303
## 625	1178-10005	RR_30	0.512254774	0.7604456	0.191160131	1.3416856718
## 626	1441-10001	RR_30	0.494351070	0.7604456	-0.013024479	0.2734122988
## 627	2636-10007	RR_30	0.287047899	0.7604456	1.261884304	0.1202909516
## 628	2449-10002	RR_30	0.861572518	0.7604456	1.002918457	0.9617151746
## 629	1366-10010	RR_30	0.423678141	0.7604456	-0.491115273	1.2383413014
## 630	2263-10009	RR_30	0.641846605	0.7604456	0.211080580	0.7175961190
## 631	1337-10013	RR_30	0.379708095	0.7604456	0.240961255	0.8597702631
## 632	1205-10011	RR_30	0.684459432	0.7604456	-0.675379433	1.2852934312
## 633	2665-10011	RR_30	0.581332040	0.7604456	0.365464066	0.7747471892
## 634	1387-10007	RR_30	0.566348979	0.7604456	0.146339119	0.3785033256
## 635	1145-10008	RR_30	0.463308130	0.7604456	-0.042905154	1.1135736825
## 636	1302-10375	RR_30	0.967175848	0.7604456	0.240961255	0.5360035099
## 637	2452-10003	RR_30	0.199456977	0.7604456	0.559688451	-0.6920080403
## 638	1302-10051	RR_30	0.976617252	0.7604456	0.375424291	0.7825926280
## 639	2429-10019	RR_30	0.717759353	0.7604456	0.006895971	1.0507621552
## 640	2723-10006	RR_30	0.275362592	0.7604456	-0.137527290	1.0544744424
## 641	1302-10323	RR_30	0.918620234	0.7604456	-0.814822581	0.7527071352
## 642	2398-10002	RR_30	0.700156471	0.7604456	0.878415646	1.2293828424
## 643	1410-10004	RR_30	0.416841716	0.7604456	0.609489575	0.9800490884
## 644	1456-10001	RR_30	0.523035617	0.7604456	-0.779961794	1.0983263480
## 645	2523-10003	RR_30	0.761798738	0.7604456	0.480006652	1.0609615483
## 646	2282-10011	RR_30	0.665620592	0.7604456	0.803713960	0.6412001762
## 647	1547-10001	RR_30	0.644263272	0.7604456	2.467071512	0.6833961892

## 648	2263-10005	RR_30	0.596931538	0.7604456	2.118463642	0.9621155937
## 649	2721-10002	RR_30	0.551833669	0.7604456	-0.257049988	1.3132954408
## 650	1094-10003	RR_30	0.798394701	0.7604456	1.525830262	0.5615108980
## 651	2510-10114	RR_30	0.895048660	0.7604456	0.743952611	1.2004664013
## 652	1351-10002	RR_30	0.424966376	0.7604456	-0.516015835	0.7868148284
## 653	1393-10003	RR_30	0.438798775	0.7604456	0.863475309	0.4822841461
## 654	1314-10016	RR_30	0.269239239	0.7604456	0.116458444	0.8505630816
## 655	2615-10018	RR_30	0.529649331	0.7604456	-0.052865379	-0.1281009293
## 656	2746-10021	RR_30	0.745468327	0.7604456	2.780818595	0.3114714795
## 657	1302-10211	RR_30	0.951974429	0.7604456	1.002918457	0.6055302633
## 658	1382-10001	RR_30	0.565554015	0.7604456	1.560691050	-0.3354384431
## 659	2398-10120	RR_30	0.764490701	0.7604456	-0.555856734	1.3506321962
## 660	2644-10026	RR_30	0.436077146	-1.3148842	0.599529350	-0.4928519689
## 661	2323-10036	RR_30	0.751674842	0.7604456	0.410285078	1.2648193458
## 662	1244-10008	RR_30	0.468443231	0.7604456	0.524827664	0.7426439620
## 663	1302-10384	RR_30	0.957430392	0.7604456	-0.212228976	0.8603048294
## 664	2606-10012	RR_30	0.660875285	0.7604456	-0.804862356	0.1622130186
## 665	2459-10005	RR_30	0.712313898	0.7604456	-0.700279995	0.8158576561
## 666	2510-10083	RR_30	0.889099802	0.7604456	1.117461043	1.3070294509
## 667	1233-10011	RR_30	0.505450243	0.7604456	-1.058848090	0.5954026946
## 668	1302-10026	RR_30	0.958388862	0.7604456	1.082600256	1.0249880978
## 669	1452-10032	RR_30	0.347431859	0.7604456	-0.605657859	0.9695113754
## 670	1441-10005	RR_30	0.613971907	0.7604456	0.987978120	0.9537887403
## 671	1422-10019	RR_30	0.339859924	0.7604456	-0.237129539	0.8651772665
## 672	2807-10002	RR_30	0.613970881	0.7604456	1.192162730	1.1729069050
## 673	1459-10038	RR_30	0.801746443	0.7604456	-0.755061232	0.8573785471
## 674	1295-10001	RR_30	0.378196672	0.7604456	-0.027964816	0.8639966783

## 675	1302-10292	RR_30	0.957349542	0.7604456	-0.107646615	0.8944428095
## 676	2286-10031	RR_30	0.843552965	0.7604456	0.599529350	1.3165672484
## 677	2115-10004	RR_30	0.292570721	-1.3148842	0.076617545	0.9490760712
## 678	1302-10051	RR_30	0.976617252	0.7604456	0.375424291	0.7825926280
## 679	1302-10016	RR_30	0.973401611	0.7604456	1.227023517	0.9328200079
## 680	1402-10004	RR_30	0.681507435	0.7604456	-0.027964816	1.3574269363
## 681	1302-10343	RR_30	0.961300925	0.7604456	-0.281950550	1.1911013424
## 682	2398-10004	RR_30	0.648739627	0.7604456	0.813674185	1.2616409309
## 683	2510-10033	RR_30	0.834635810	0.7604456	0.684191261	1.2863505406
## 684	2503-10002	RR_30	0.501146418	0.7604456	-0.770001569	0.8262524814
## 685	1065-10002	RR_30	0.670550845	0.7604456	0.699131599	0.8059368329
## 686	1302-10287	RR_30	0.591620747	-1.3148842	-0.934345279	-0.9435133976
## 687	1302-10262	RR_30	0.966080711	0.7604456	0.415265190	1.1586091084
## 688	2398-10024	RR_30	0.836046821	0.7604456	-0.799882243	1.2287576568
## 689	1302-10271	RR_30	0.864002925	0.7604456	-0.989126516	0.2033234135
## 690	2510-10087	RR_30	0.865058879	0.7604456	-0.242109651	1.3377256155
## 691	1510-10009	RR_30	0.545156911	0.7604456	-0.511035722	1.1248888927
## 692	2398-10013	RR_30	0.938304495	0.7604456	2.925241856	1.1545946332
## 693	2567-10019	RR_30	0.860868365	0.7604456	1.147341718	1.3851042215
## 694	2269-10011	RR_30	0.233613876	-1.3148842	1.446148464	-1.5289285745
## 695	2449-10052	RR_30	0.711051431	0.7604456	-0.366612462	0.9771096985
## 696	1298-10042	RR_30	0.765293342	0.7604456	1.197142842	1.2530065253
## 697	2510-10151	RR_30	0.540713296	0.7604456	1.072640031	-0.8249856851
## 698	2545-10012	RR_30	0.418838127	0.7604456	0.226020918	0.5435657113
## 699	1502-10009	RR_30	0.657795549	0.7604456	-0.710240220	-0.0869494698
## 700	1302-10182	RR_30	0.903371450	0.7604456	-0.386532912	0.9975915835
## 701	2717-10030	RR_30	0.674912149	0.7604456	-0.057845491	1.2356396362

## 702	2717-10040	RR_30	0.758288258	0.7604456	1.052719581	1.2502732956
## 703	2548-10017	RR_30	0.097447416	-1.3148842	1.615472286	-1.4319316779
## 704	2510-10037	RR_30	0.844696349	0.7604456	0.086577770	1.2254655400
## 705	1094-10013	RR_30	0.889492993	0.7604456	2.048742068	0.6783969978
## 706	2294-10014	RR_30	0.643485936	0.7604456	0.639370250	0.8603875249
## 707	2286-10010	RR_30	0.776849378	0.7604456	0.031796533	1.1209420161
## 708	1244-10001	RR_30	0.895976824	0.7604456	2.486991962	0.2425730924
## 709	2323-10031	RR_30	0.803214268	0.7604456	0.694151486	1.3653576587
## 710	2644-10068	RR_30	0.323423231	-1.3148842	1.431208126	-0.2682070918
## 711	1995-10025	RR_30	0.625473139	0.7604456	-0.655458983	1.3962395750
## 712	1181-10026	RR_30	0.760455628	0.7604456	1.834597233	0.5013071570
## 713	2159-10006	RR_30	0.051419427	0.7604456	-1.666421807	0.9149892390
## 714	1387-10002	RR_30	0.627840894	0.7604456	0.300722604	0.6111735801
## 715	2510-10101	RR_30	0.540378985	-1.3148842	1.744955210	-0.9835952011
## 716	1302-10141	RR_30	0.935092213	0.7604456	-0.262030101	0.6583189914
## 717	1302-10306	RR_30	0.809757560	-1.3148842	-0.152467627	-0.4323443044
## 718	1211-10008	RR_30	0.807704003	0.7604456	0.016856196	1.3271955406
## 719	2552-10013	RR_30	0.581918100	0.7604456	0.036776645	1.1063218233
## 720	1342-10001	RR_30	0.700878054	0.7604456	-0.745101007	0.9782587832
## 721	1141-10007	RR_30	0.409556404	0.7604456	0.265861817	1.0147873335
## 722	1439-10001	RR_30	0.144978296	-1.3148842	0.011876083	-0.6672898493
## 723	1281-10003	RR_30	0.419237940	0.7604456	-0.117606840	0.9176838004
## 724	2449-10068	RR_30	0.741817188	0.7604456	0.320643054	1.0267640890
## 725	1186-10012	RR_30	0.399543813	0.7604456	0.076617545	0.5464946143
## 726	1186-10015	RR_30	0.443908114	0.7604456	0.450125977	0.6165215380
## 727	1063-10007	RR_30	0.628955525	0.7604456	0.176219793	0.8414066214
## 728	2398-10049	RR_30	0.728394707	0.7604456	-0.286930663	0.9633732096

## 729	1281-10001	RR_30	0.471506631	0.7604456	0.778813398	0.8818839613
## 730	1298-10039	RR_30	0.624890019	0.7604456	0.061677207	1.1376488472
## 731	1076-10007	RR_30	0.413322408	0.7604456	0.489966877	0.9883835861
## 732	2398-10076	RR_30	0.775042253	0.7604456	-0.092706278	1.1436380566
## 733	1115-10006	RR_30	0.535913533	0.7604456	-0.361632349	0.5307082183
## 734	2449-10044	RR_30	0.714370030	0.7604456	0.435185640	0.7857174692
## 735	1298-10047	RR_30	0.171849365	-1.3148842	-0.127567065	-1.1600084217
## 736	1230-10005	RR_30	0.574396857	0.7604456	0.181199906	1.0304066577
## 737	1452-10008	RR_30	0.640790955	0.7604456	-0.276970438	0.8789746169
## 738	1233-10017	RR_30	0.531416768	0.7604456	-0.142507402	0.5021907059
## 739	1004-10005	RR_30	0.367426248	0.7604456	0.743952611	0.8582500900
## 740	1062-10011	RR_30	0.571929482	0.7604456	-0.162427852	0.6131524055
## 741	2378-10001	RR_30	0.710770602	0.7604456	0.086577770	1.1995871625
## 742	1298-10009	RR_30	0.686310011	0.7604456	0.325623166	1.2131153180
## 743	2398-10022	RR_30	0.670073494	0.7604456	-0.426373811	0.5429198090
## 744	1487-10002	RR_30	0.603950970	0.7604456	0.071637432	0.7036465155
## 745	1430-10007	RR_30	0.131705229	-1.3148842	0.186180018	-0.7263970391
## 746	1486-10008	RR_30	0.311852334	0.7604456	-0.451274373	0.5660908272
## 747	1516-10005	RR_30	0.185141853	-1.3148842	0.524827664	-1.1261294992
## 748	1536-10005	RR_30	0.081971897	-1.3148842	-0.411433474	-1.1062576304
## 749	2432-10031	RR_30	0.569361759	0.7604456	-0.212228976	0.8410994607
## 750	2461-10029	RR_30	0.459776267	0.7604456	-0.147487515	0.7590456854
## 751	1252-10005	RR_30	0.407713085	0.7604456	0.285782267	0.9868615569
## 752	1013-10011	RR_30	0.115902185	-1.3148842	0.066657320	-1.2409888523
## 753	2345-10020	RR_30	0.420251571	0.7604456	-0.107646615	0.8969819280
## 754	1459-10011	RR_30	0.253801529	-1.3148842	0.763873060	-1.0653390167
## 755	1135-10010	RR_30	0.467132727	0.7604456	0.345543616	0.7938915289

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## 756 1744-10010 RR_30 0.028733404 -1.3148842 -0.720200444 -1.3201652608
## 757 3025-10007 RR_30 0.027805258 -1.3148842 -0.740120894 -1.1375947013
## 758 2518-10015 RR_30 0.088930446 0.7604456 -0.406453361 0.3533138789
## 759 3032-10001 RR_30 0.035386004 0.7604456 -0.535936284 -0.0301811174
## 760 2548-10025 RR_30 0.074825736 -1.3148842 0.803713960 -1.4762390416
## 761 2297-10001 RR_30 0.016520451 0.7604456 -1.526978659 -0.3463800283
## 762 2603-10002 RR_30 0.055791432 0.7604456 -0.545896509 0.6084538247
## 763 1275-10004 RR_30 0.034730009 -1.3148842 0.644350362 -0.7990070905
## 764 1925-10001 RR_30 0.038288397 0.7604456 -0.471194823 -0.0243189557
## 765 2563-10014 RR_30 0.072028850 0.7604456 0.509887326 -0.2284979253
## 766 2986-10003 RR_30 0.018970053 -1.3148842 -0.824782806 -1.6655003177
## 767 2571-10011 RR_30 0.040646739 -1.3148842 -0.262030101 -1.5992993387
## 768 2300-10014 RR_30 0.128782639 0.7604456 0.714071936 0.0276332955
## 769 2360-10021 RR_30 0.100412778 -1.3148842 1.112480931 -1.1272359578
## 770 2275-10001 RR_30 0.059538090 0.7604456 -1.063828202 -0.0755433587
## 771 2571-10022 RR_30 0.055171405 -1.3148842 -0.431353923 -1.3094814787
## 772 1008-10005 RR_30 0.044879137 -1.3148842 -0.540916397 -1.5518552485
## 773 2853-10001 RR_30 0.015734092 0.7604456 0.574628788 -0.5365004740
## 774 2518-10018 RR_30 0.119696821 0.7604456 -0.232149426 0.0512642592
## 775 1326-10001 RR_30 0.039840078 -1.3148842 0.738972498 -1.9271064563
## 776 1081-10001 RR_30 0.012247554 0.7604456 -0.934345279 0.3487316338
## 777 2360-10022 RR_30 0.056151541 -1.3148842 1.042759357 -1.7479252556
## 778 2211-10006 RR_30 0.066377462 -1.3148842 0.893355984 -1.3659368324
## 779 1360-10008 RR_30 0.061421464 -1.3148842 1.057699694 -1.7976489017
## 780 1464-10029 RR_30 0.027767996 -1.3148842 -0.257049988 -0.9254314536
## 781 1702-10001 RR_30 0.447174553 0.7604456 2.541773199 0.0087587919
## 782 1995-10010 RR_30 0.574209620 0.7604456 3.273849726 0.0878006817
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## 783	2432-10009	RR_30	0.280772093	0.7604456	0.046736870	-0.0097855919
## 784	2038-10001	RR_30	0.006883001	0.7604456	-0.516015835	-0.4426054319
## 785	2852-10001	RR_30	0.019605121	0.7604456	-1.248092362	-0.5173422973
## 786	1184-10004	RR_30	0.134063853	0.7604456	2.053722180	-0.4752096881
## 787	1451-10009	RR_30	0.153630360	-1.3148842	-0.804862356	-0.3527362284
## 788	1953-10003	RR_30	0.305145287	0.7604456	1.675233635	0.2494070816
## 789	1302-10161	RR_30	0.610065134	0.7604456	-0.984146403	-0.1289741205
## 790	2967-10032	RR_30	0.172227112	0.7604456	0.435185640	-0.3811631758
## 791	3009-10017	RR_30	0.120660971	0.7604456	-0.376572687	0.4625620723
## 792	1302-10285	RR_30	0.541095108	-1.3148842	0.186180018	-1.5043350877
## 793	2644-10048	RR_30	0.323515455	-1.3148842	0.255901592	-0.9542583759
## 794	1535-10008	RR_30	0.327497175	-1.3148842	0.046736870	0.2164139461
## 795	1302-10122	RR_30	0.720629558	-1.3148842	-0.082746053	-0.9900674127
## 796	1302-10306	RR_30	0.809757560	-1.3148842	-0.152467627	-0.4323443044
## 797	1460-10019	RR_30	0.344115202	-1.3148842	-0.396493136	-0.2104038484
## 798	2189-10007	RR_30	0.051566216	-1.3148842	-1.058848090	-0.8620605726
## 799	2665-10011	RR_30	0.581332040	0.7604456	0.365464066	0.7747471892
## 800	2461-10013	RR_30	0.451435575	0.7604456	-0.784941906	0.9137126471
## 801	2233-10004	RR_30	0.214673851	0.7604456	0.589569125	0.7278847019
## 802	2552-10014	RR_30	0.720603894	0.7604456	0.574628788	1.3042199246
## 803	2418-10012	RR_30	0.142729213	0.7604456	-0.645498758	0.0850468346
## 804	1232-10003	RR_30	0.461267603	0.7604456	0.963077558	0.5816627489
## 805	1437-10019	RR_30	0.567961798	0.7604456	-0.376572687	1.2729745835
## 806	1560-10002	RR_30	0.422706237	0.7604456	-0.750081119	0.9948230065
## 807	2699-10002	RR_30	0.323583785	0.7604456	0.081597657	1.3609763329
## 808	1503-10001	RR_30	0.310426836	0.7604456	-1.502078096	0.8104805501
## 809	1178-10010	RR_30	0.279455989	0.7604456	-1.203271350	1.3273360742

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## 810 1077-10009 RR_30 0.395617975 0.7604456 -0.336731787 0.9295153680
## 811 1166-10019 RR_30 0.093999316 -1.3148842 1.291764978 -1.0490656656
## 812 2548-10017 RR_30 0.097447416 -1.3148842 1.615472286 -1.4319316779
## 813 2381-10002 RR_30 0.040417673 -1.3148842 -0.441314148 -1.9181212879
## 814 1211-10039 RR_30 0.131858157 -1.3148842 2.123443754 -1.0298003587
## 815 2644-10064 RR_30 0.157433311 -1.3148842 0.161279456 -0.8843537261
## 816 2515-10024 RR_30 0.138214540 -1.3148842 1.540770600 -1.5014549409
## 817 2917-10003 RR_30 0.018221471 -1.3148842 -0.765021456 -0.9644087985
## 818 1181-10017 RR_30 0.164834098 -1.3148842 1.700134198 -1.4193235186
## 819 1186-10011 RR_30 0.133220586 -1.3148842 0.335583391 -1.2830929989
## 820 2191-10009 RR_30 0.176871969 -1.3148842 -1.631561020 0.2222782416
## 821 1115-10009 RR_30 0.068699027 -1.3148842 0.375424291 -1.6553765506
## 822 2448-10038 RR_30 0.267038733 -1.3148842 1.007898570 -0.9836476491
## 823 1275-10004 RR_30 0.034730009 -1.3148842 0.644350362 -0.7990070905
## 824 1773-10001 RR_30 0.017910579 -1.3148842 0.041756758 -1.1222378890
## 825 2405-10006 RR_30 0.388341182 0.7604456 -0.062825603 0.4837963782
## 826 2552-10018 RR_30 0.571363226 0.7604456 1.416267789 1.3497200664
## 827 1302-10050 RR_30 0.960090355 0.7604456 -0.580757296 0.9364769548
## 828 1076-10027 RR_30 0.774332948 0.7604456 0.992958232 1.1311633381
## 829 2398-10117 RR_30 0.813887213 0.7604456 -0.306851113 1.3864738981
## 830 2398-10059 RR_30 0.771583889 0.7604456 -0.356652237 1.3547233296
## 831 1778-10001 RR_30 0.287633089 0.7604456 0.106498219 0.9163231139
## 832 1456-10017 RR_30 0.797442711 0.7604456 1.241963854 1.2972461328
## 833 1459-10017 RR_30 0.650019778 0.7604456 -0.247089763 0.3698317312
## 834 1459-10006 RR_30 0.584451939 0.7604456 -0.959245841 0.6181607601
## 835 2510-10035 RR_30 0.898496762 0.7604456 1.959100044 1.0419510031
## 836 1211-10011 RR_30 0.494915782 0.7604456 -0.276970438 0.4842743065
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## 837	2773-10001	RR_30	0.511520392	0.7604456	1.062679806	0.9001969536
## 838	2398-10075	RR_30	0.804555063	0.7604456	0.310682829	1.2836248889
## 839	1995-10069	RR_30	0.730766097	0.7604456	0.300722604	1.2624743718
## 840	3009-10011	RR_30	0.509529024	0.7604456	0.011876083	0.9736205523
## 841	2204-10003	RR_30	0.239501533	0.7604456	-2.049890464	0.4744887848
## 842	2191-10010	RR_30	0.312871425	0.7604456	-1.282953149	0.7597191499
## 843	1702-10001	RR_30	0.447174553	0.7604456	2.541773199	0.0087587919
## 844	2130-10011	RR_30	0.089121597	0.7604456	-2.104671701	0.7295583443
## 845	2181-10010	RR_30	0.165249452	0.7604456	-1.472197422	0.5455562279
## 846	1095-10003	RR_30	0.077099660	0.7604456	-0.675379433	-0.5457256009
## 847	1697-10001	RR_30	0.679378239	0.7604456	3.717079733	0.0675498924
## 848	2056-10001	RR_30	0.271247379	0.7604456	0.893355984	0.3684564622
## 849	1995-10037	RR_30	0.474295495	0.7604456	3.019863992	-0.9391829223
## 850	1678-10001	RR_30	0.646321337	0.7604456	0.878415646	0.2677326597
## 851	2326-10002	RR_30	0.127508574	0.7604456	-0.939325392	-0.7758057623
## 852	2286-10036	RR_30	0.360566148	-1.3148842	-0.819802693	0.3797197833
## 853	1302-10297	RR_30	0.766565822	-1.3148842	-0.346692012	-0.2348109209
## 854	1302-10309	RR_30	0.717560412	-1.3148842	-0.461234598	-0.8950789943
## 855	1535-10011	RR_30	0.260330368	-1.3148842	-0.311831225	-0.4274112980
## 856	2510-10101	RR_30	0.540378985	-1.3148842	1.744955210	-0.9835952011
## 857	1460-10031	RR_30	0.192163036	-1.3148842	-0.994106628	-0.4554133075
## 858	1701-10001	RR_30	0.639353880	-1.3148842	0.475026539	0.5555875056
## 859	2644-10030	RR_30	0.485798286	0.7604456	0.300722604	0.3049503503
## 860	1302-10234	RR_30	0.913528728	0.7604456	0.136378894	1.2197676456
## 861	1302-10219	RR_30	0.902032653	0.7604456	-0.057845491	0.7413966354
## 862	1302-10329	RR_30	0.903991397	0.7604456	0.096537994	0.7229112541
## 863	1435-10008	RR_30	0.401012568	0.7604456	0.280802154	1.0834862214

## 864	2552-10004	RR_30	0.671565004	0.7604456	0.410285078	1.3136965715
## 865	2721-10002	RR_30	0.551833669	0.7604456	-0.257049988	1.3132954408
## 866	1456-10007	RR_30	0.535451703	0.7604456	0.923236658	1.2912679950
## 867	2459-10006	RR_30	0.686129782	0.7604456	1.441168351	1.1948546563
## 868	2548-10007	RR_30	0.583688138	0.7604456	-0.008044367	1.0392901533
## 869	1343-10001	RR_30	0.518204360	0.7604456	0.968057670	1.1031371552
## 870	2398-10004	RR_30	0.648739627	0.7604456	0.813674185	1.2616409309
## 871	2164-10025	RR_30	0.050563812	-1.3148842	-0.799882243	-1.2922517433
## 872	2190-10016	RR_30	0.312112178	-1.3148842	-1.526978659	0.9008108937
## 873	2395-10029	RR_30	0.220620905	-1.3148842	2.322648252	-0.9483034740
## 874	1359-10004	RR_30	0.113734506	-1.3148842	-0.979166291	-1.0675299629
## 875	1307-10005	RR_30	0.126407591	-1.3148842	-0.356652237	-0.3827095104
## 876	1542-10004	RR_30	0.122358674	-1.3148842	0.484986764	-1.8698098020
## 877	1302-10143	RR_30	0.847835680	-1.3148842	-1.342714499	-1.4151166510
## 878	1135-10033	RR_30	0.254952334	-1.3148842	0.798733847	-1.4851896698
## 879	1391-10002	RR_30	0.047548501	-1.3148842	-0.162427852	-0.7901646034
## 880	2164-10028	RR_30	0.070140528	-1.3148842	-1.447296860	0.0960399176
## 881	2548-10025	RR_30	0.074825736	-1.3148842	0.803713960	-1.4762390416
## 882	2600-10005	RR_30	0.119119091	-1.3148842	1.147341718	-1.0306896086
## 883	2534-10034	RR_30	0.233714944	-1.3148842	2.755918033	-1.9154321585
## 884	1385-10001	RR_30	0.749521475	-1.3148842	8.697192165	-0.0934311055
## 885	1379-10025	RR_30	0.680138205	0.7604456	-0.132547177	1.2019450586
## 886	1044-10019	RR_30	0.558463782	0.7604456	0.579608900	1.2909563454
## 887	2223-10001	RR_30	0.985921653	0.7604456	8.836635313	1.0875350444
## 888	2746-10021	RR_30	0.745468327	0.7604456	2.780818595	0.3114714795
## 889	1459-10039	RR_30	0.840508557	0.7604456	0.006895971	0.8213220302
## 890	2698-10029	RR_30	0.689261824	0.7604456	0.340563504	0.8694970847

## 891	2829-10018	RR_30	0.659655033	0.7604456	-0.884544155	1.2041897918
## 892	2788-10011	RR_30	0.848449576	0.7604456	1.789776221	0.2171075337
## 893	2788-10023	RR_30	0.881836105	0.7604456	1.585591612	0.8311417249
## 894	1381-10022	RR_30	0.718329339	0.7604456	-1.063828202	1.1252079226
## 895	2523-10013	RR_30	0.844187957	0.7604456	0.982998007	1.0909938723
## 896	2698-10027	RR_30	0.708169833	0.7604456	0.509887326	1.0658564623
## 897	1547-10001	RR_30	0.644263272	0.7604456	2.467071512	0.6833961892
## 898	1211-10009	RR_30	0.733719301	0.7604456	-0.197288639	1.2219138525
## 899	1302-10020	RR_30	0.979387419	0.7604456	1.540770600	0.4769418236
## 900	1302-10374	RR_30	0.938890270	0.7604456	-0.047885266	1.0722915390
## 901	1477-10011	RR_40	0.826835681	0.7604456	-0.032944929	1.3463610316
## 902	1352-10002	RR_40	0.726561127	-1.3148842	0.265861817	-0.3128237372
## 903	1437-10005	RR_40	0.231367165	-1.3148842	-0.989126516	-0.9674974429
## 904	1055-10002	RR_40	0.231977778	0.7604456	-0.481155048	0.8163896084
## 905	2475-10009	RR_40	0.457642838	0.7604456	0.245941367	0.4140761875
## 906	1355-10008	RR_40	0.457186965	0.7604456	-0.132547177	0.0682864976
## 907	2734-10005	RR_40	0.788857493	0.7604456	-0.929365167	-0.4471308012
## 908	2398-10069	RR_40	0.914563831	0.7604456	-0.117606840	1.3109964558
## 909	1516-10008	RR_40	0.278768267	0.7604456	-0.550876622	-0.4659983287
## 910	2428-10003	RR_40	0.780000112	0.7604456	-0.027964816	1.4023211864
## 911	2510-10043	RR_40	0.910401564	0.7604456	0.176219793	1.2787158619
## 912	1302-10160	RR_40	0.942607124	0.7604456	-0.914424829	0.2917932121
## 913	2109-10002	RR_40	0.212112119	-1.3148842	2.920261744	0.7493447645
## 914	2449-10058	RR_40	0.840013625	0.7604456	0.415265190	0.5943667565
## 915	1111-10003	RR_40	0.751442742	0.7604456	-0.232149426	1.1866151786
## 916	2613-10007	RR_40	0.760763429	0.7604456	1.779815997	0.7032122877
## 917	1006-10004	RR_40	0.364660594	0.7604456	0.146339119	0.7156148785

## 918	2459-10008	RR_40	0.804704056	0.7604456	2.023841506	0.9397861920
## 919	2548-10021	RR_40	0.431297608	-1.3148842	2.178224991	-0.7849893073
## 920	2510-10100	RR_40	0.971161330	0.7604456	2.721057246	1.2786884729
## 921	1302-10011	RR_40	0.978955548	0.7604456	-0.565816959	1.0314910850
## 922	1302-10266	RR_40	0.986268758	0.7604456	1.266864416	1.2101483366
## 923	1298-10001	RR_40	0.312222411	0.7604456	-0.740120894	0.1106900230
## 924	2664-10013	RR_40	0.741421396	0.7604456	-0.590717521	0.3317594368
## 925	2398-10101	RR_40	0.962407501	0.7604456	2.721057246	1.2861886591
## 926	2405-10004	RR_40	0.682875429	0.7604456	-0.665419208	0.7848366131
## 927	2459-10015	RR_40	0.680732101	0.7604456	0.629410025	1.0360948049
## 928	2510-10046	RR_40	0.871332335	0.7604456	-0.013024479	1.2763001128
## 929	1575-10007	RR_40	0.657490265	0.7604456	0.694151486	1.0883158092
## 930	1047-10002	RR_40	0.782834889	0.7604456	-1.223191800	0.9666101975
## 931	2345-10006	RR_40	0.792291565	0.7604456	0.216060693	1.0687160827
## 932	1462-10006	RR_40	0.567804468	0.7604456	-0.018004592	1.2641773940
## 933	1302-10087	RR_40	0.983903710	0.7604456	0.928216771	1.1725938283
## 934	2191-10005	RR_40	0.302642877	-1.3148842	-1.462237197	0.1442281443
## 935	1336-10001	RR_40	0.356510483	0.7604456	0.245941367	0.4072291545
## 936	2235-10001	RR_40	0.890430784	0.7604456	1.236983741	1.3553148032
## 937	1549-10008	RR_40	0.286429886	0.7604456	-0.416413586	-0.0579942850
## 938	2383-10029	RR_40	0.667163119	0.7604456	-0.301871000	1.1551346439
## 939	2383-10016	RR_40	0.336797514	-1.3148842	0.066657320	-0.9886099825
## 940	2378-10003	RR_40	0.621042712	0.7604456	1.097540593	0.2387146670
## 941	1410-10004	RR_40	0.597385247	0.7604456	0.609489575	0.9800490884
## 942	1537-10015	RR_40	0.773203066	0.7604456	1.690173973	0.9520776917
## 943	1393-10002	RR_40	0.733358035	0.7604456	-0.057845491	1.1281609617
## 944	1302-10352	RR_40	0.779695875	-1.3148842	-0.456254486	-0.8675450083

## 945	1379-10015	RR_40	0.661384252	0.7604456	0.365464066	0.8602905604
## 946	1348-10007	RR_40	0.653563762	0.7604456	-0.600677746	1.3029188433
## 947	2510-10062	RR_40	0.926168381	0.7604456	0.350523728	1.2349921783
## 948	1302-10107	RR_40	0.956106996	0.7604456	-0.625578308	0.3631166395
## 949	1302-10394	RR_40	0.807989442	-1.3148842	0.325623166	-0.9622289503
## 950	1134-10001	RR_40	0.082502768	0.7604456	-0.570797072	0.5488405802
## 951	2164-10027	RR_40	0.018647529	-1.3148842	-1.218211688	-0.4535326823
## 952	1233-10005	RR_40	0.385495896	-1.3148842	0.161279456	-0.1749886529
## 953	1233-10007	RR_40	0.805130886	0.7604456	0.773833285	0.7471649329
## 954	1302-10102	RR_40	0.974733880	0.7604456	-0.695299882	0.8902869020
## 955	1362-10006	RR_40	0.751146919	0.7604456	-0.137527290	0.9302644764
## 956	1372-10030	RR_40	0.785168311	0.7604456	0.116458444	0.8474289624
## 957	1302-10294	RR_40	0.621284731	-1.3148842	-0.799882243	-1.4468607292
## 958	1040-10003	RR_40	0.705971234	0.7604456	1.560691050	0.4437813141
## 959	1995-10021	RR_40	0.808583324	0.7604456	-1.143510001	1.2271159646
## 960	1957-10009	RR_40	0.076262426	-1.3148842	-0.267010213	-1.1881937814
## 961	1044-10020	RR_40	0.608289889	0.7604456	-0.336731787	1.2404766253
## 962	2510-10005	RR_40	0.537204597	-1.3148842	0.614469687	-1.0522697325
## 963	2967-10030	RR_40	0.812171548	0.7604456	0.176219793	1.1104971880
## 964	1302-10330	RR_40	0.967561684	0.7604456	-0.560836847	1.0263795970
## 965	1995-10038	RR_40	0.841745284	0.7604456	-0.286930663	1.1979452426
## 966	1898-10003	RR_40	0.343540575	0.7604456	-0.969206066	0.8273536584
## 967	2642-10014	RR_40	0.512783392	-1.3148842	0.544748113	0.0576236547
## 968	1562-10002	RR_40	0.727079515	-1.3148842	-0.202268752	0.6982295914
## 969	1149-10016	RR_40	0.354552320	-1.3148842	1.580611499	-1.4344236549
## 970	1302-10055	RR_40	0.990491007	0.7604456	0.987978120	1.2067540238
## 971	2449-10031	RR_40	0.899846814	0.7604456	0.275822042	1.0369616093

##	972	1995-10090	RR_40	0.743503060	0.7604456	3.278829839	0.4328446766
##	973	1302-10251	RR_40	0.933194693	0.7604456	-0.879564042	0.5293259307
##	974	2548-10019	RR_40	0.345481814	-1.3148842	0.758892948	-0.5687288267
##	975	1500-10005	RR_40	0.859230474	0.7604456	1.401327452	0.8691235225
##	976	2510-10084	RR_40	0.902620543	0.7604456	0.868455421	0.8660721821
##	977	1463-10021	RR_40	0.598311000	0.7604456	-1.198291238	0.3284116590
##	978	1995-10056	RR_40	0.863059078	0.7604456	-0.047885266	1.1990713004
##	979	2378-10001	RR_40	0.836096161	0.7604456	0.086577770	1.1995871625
##	980	2615-10003	RR_40	0.752174086	0.7604456	-0.545896509	0.8485888360
##	981	2699-10005	RR_40	0.636897069	0.7604456	-0.172388077	1.2268873003
##	982	1387-10015	RR_40	0.808872477	0.7604456	0.420245303	0.9137442891
##	983	2263-10008	RR_40	0.879362483	0.7604456	0.992958232	1.0655411293
##	984	1058-10008	RR_40	0.911561036	0.7604456	1.152321830	0.6012229589
##	985	1302-10176	RR_40	0.985100618	0.7604456	0.136378894	1.2517207065
##	986	1207-10009	RR_40	0.840377982	0.7604456	0.748932723	1.1632786731
##	987	2736-10003	RR_40	0.745636230	0.7604456	1.411287677	0.9361956512
##	988	1302-10289	RR_40	0.981290509	0.7604456	1.177222392	0.9312998993
##	989	1539-10018	RR_40	0.782176280	0.7604456	0.245941367	0.7160513260
##	990	2214-10001	RR_40	0.922589810	0.7604456	0.126418669	1.3218117544
##	991	1302-10334	RR_40	0.977403483	0.7604456	0.116458444	0.9890357769
##	992	1324-10001	RR_40	0.535013934	0.7604456	-0.471194823	0.0463489835
##	993	2286-10056	RR_40	0.925355733	0.7604456	0.250921480	1.3142056059
##	994	1291-10001	RR_40	0.484763903	0.7604456	-1.213231575	0.8059368329
##	995	1410-10008	RR_40	0.527022351	0.7604456	-0.227169314	0.8793929052
##	996	1411-10001	RR_40	0.563252340	0.7604456	0.838574747	1.3733255243
##	997	1233-10009	RR_40	0.669223702	0.7604456	-0.411433474	0.3479898027
##	998	1995-10011	RR_40	0.392213582	0.7604456	0.788773623	-0.9702994077

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## 999 1460-10027 RR_40 0.448870947 -1.3148842 -0.117606840 -0.6283163888
## 1000 2126-10006 RR_40 0.703664006 0.7604456 0.325623166 0.6885952548
## 1001 2429-10005 RR_40 0.870705371 0.7604456 0.191160131 1.1325506243
## 1002 2788-10014 RR_40 0.780681877 0.7604456 0.046736870 -0.2009807606
## 1003 2510-10088 RR_40 0.919280045 0.7604456 -0.087726166 1.3702461327
## 1004 1169-10004 RR_40 0.489267822 -1.3148842 1.207103067 -0.2567222158
## 1005 1650-10004 RR_40 0.770495867 0.7604456 -0.476174935 0.8097845140
## 1006 1535-10005 RR_40 0.747727403 0.7604456 0.305702717 1.0987518354
## 1007 1302-10184 RR_40 0.972405524 0.7604456 1.017858794 0.9403981566
## 1008 1302-10065 RR_40 0.988888439 0.7604456 0.828614522 1.0419214328
## 1009 1302-10412 RR_40 0.982759351 0.7604456 0.250921480 0.7074910240
## 1010 2665-10013 RR_40 0.750171255 0.7604456 1.276824641 0.9621744197
## 1011 2398-10004 RR_40 0.793120361 0.7604456 0.813674185 1.2616409309
## 1012 1062-10010 RR_40 0.766193273 0.7604456 -0.391513024 0.8661896427
## 1013 1372-10015 RR_40 0.735474123 0.7604456 0.798733847 0.9571833138
## 1014 1366-10014 RR_40 0.413807407 0.7604456 -0.944305504 1.1122479817
## 1015 1302-10200 RR_40 0.992661985 0.7604456 5.908329203 0.7915258982
## 1016 2398-10007 RR_40 0.926981019 0.7604456 -0.366612462 1.3270180327
## 1017 1477-10027 RR_40 0.891018872 0.7604456 0.370444178 1.2991452090
## 1018 1302-10279 RR_40 0.963258220 0.7604456 -0.052865379 0.9201312231
## 1019 1234-10001 RR_40 0.872273604 0.7604456 3.318670738 1.2373290664
## 1020 1401-10004 RR_40 0.417299691 0.7604456 -0.057845491 1.3486680780
## 1021 1482-10006 RR_40 0.256165353 -1.3148842 0.320643054 -1.3255726182
## 1022 1141-10007 RR_40 0.590137700 0.7604456 0.265861817 1.0147873335
## 1023 2449-10068 RR_40 0.856407767 0.7604456 0.320643054 1.0267640890
## 1024 1186-10012 RR_40 0.580047376 0.7604456 0.076617545 0.5464946143
## 1025 2398-10133 RR_40 0.887045423 0.7604456 0.320643054 1.2110965365
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## 1026 1480-10006 RR_40 0.278340183 -1.3148842 0.231001030 -1.1251172535
## 1027 1186-10015 RR_40 0.623637894 0.7604456 0.450125977 0.6165215380
## 1028 1298-10045 RR_40 0.249050292 -1.3148842 0.106498219 -1.4312133351
## 1029 2475-10015 RR_40 0.563874130 0.7604456 0.061677207 0.6435105958
## 1030 1063-10007 RR_40 0.778694163 0.7604456 0.176219793 0.8414066214
## 1031 2398-10049 RR_40 0.847719725 0.7604456 -0.286930663 0.9633732096
## 1032 1298-10039 RR_40 0.775684188 0.7604456 0.061677207 1.1376488472
## 1033 1379-10014 RR_40 0.511103633 0.7604456 -0.117606840 0.7944917181
## 1034 2449-10022 RR_40 0.771018608 0.7604456 -0.122586953 0.5951529613
## 1035 2398-10076 RR_40 0.877325017 0.7604456 -0.092706278 1.1436380566
## 1036 1114-10001 RR_40 0.222356633 -1.3148842 -0.192308527 -1.5852462125
## 1037 1193-10006 RR_40 0.748865812 0.7604456 0.046736870 1.1016890404
## 1038 1381-10025 RR_40 0.182107512 -1.3148842 -0.690319770 -1.3977748085
## 1039 1115-10006 RR_40 0.705626371 0.7604456 -0.361632349 0.5307082183
## 1040 2449-10044 RR_40 0.838490332 0.7604456 0.435185640 0.7857174692
## 1041 1298-10047 RR_40 0.301062671 -1.3148842 -0.127567065 -1.1600084217
## 1042 1394-10012 RR_40 0.593386908 0.7604456 0.699131599 0.9340471439
## 1043 1230-10005 RR_40 0.736944462 0.7604456 0.181199906 1.0304066577
## 1044 1575-10005 RR_40 0.573104114 0.7604456 0.405304965 0.9226202443
## 1045 1452-10008 RR_40 0.787368021 0.7604456 -0.276970438 0.8789746169
## 1046 1410-10007 RR_40 0.556096391 0.7604456 -0.008044367 0.7952338966
## 1047 1233-10017 RR_40 0.701859204 0.7604456 -0.142507402 0.5021907059
## 1048 1004-10005 RR_40 0.546629092 0.7604456 0.743952611 0.8582500900
## 1049 2615-10006 RR_40 0.735973975 0.7604456 -0.003064254 0.6265779214
## 1050 2378-10001 RR_40 0.836096161 0.7604456 0.086577770 1.1995871625
## 1051 2515-10006 RR_40 0.212095950 -1.3148842 -0.008044367 -0.8995337291
## 1052 1323-10001 RR_40 0.518347595 0.7604456 -0.451274373 0.7199356870
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## 1053 2616-10003 RR_40 0.075728714 -1.3148842 0.335583391 -1.1988289855
## 1054 1076-10016 RR_40 0.552099047 0.7604456 0.529807776 0.7949693910
## 1055 2398-10022 RR_40 0.808276753 0.7604456 -0.426373811 0.5429198090
## 1056 1486-10008 RR_40 0.484719877 0.7604456 -0.451274373 0.5660908272
## 1057 2331-10008 RR_40 0.059932857 -1.3148842 0.091557882 -1.1334325401
## 1058 1985-10002 RR_40 0.072772075 -1.3148842 -0.252069876 -0.5322710042
## 1059 2820-10005 RR_40 0.037880127 0.7604456 0.290762379 -0.3796383217
## 1060 1589-10010 RR_40 0.088753722 -1.3148842 -0.525976060 -0.7465690858
## 1061 2844-10002 RR_40 0.044746921 -1.3148842 -0.491115273 -1.0861222912
## 1062 1270-10001 RR_40 0.061575933 -1.3148842 -0.247089763 -1.5809469287
## 1063 2518-10002 RR_40 0.133933101 -1.3148842 0.973037783 -1.1982191028
## 1064 2374-10001 RR_40 0.049419459 0.7604456 -1.118609439 0.3619548874
## 1065 2732-10001 RR_40 0.056688086 0.7604456 -0.645498758 -0.2617631299
## 1066 1720-10002 RR_40 0.112395704 -1.3148842 0.111478332 -0.8282253672
## 1067 1109-10017 RR_40 0.078116319 -1.3148842 -0.212228976 -1.0609859526
## 1068 2518-10013 RR_40 0.122004471 -1.3148842 -0.067805716 -0.7624918296
## 1069 2568-10009 RR_40 0.113736580 -1.3148842 -0.117606840 -0.9840205778
## 1070 1757-10003 RR_40 0.081168378 0.7604456 -0.356652237 -0.1840885729
## 1071 1957-10005 RR_40 0.099641417 -1.3148842 -0.540916397 -0.5701851804
## 1072 1819-10004 RR_40 0.068851024 -1.3148842 0.639370250 -1.5641839888
## 1073 2544-10001 RR_40 0.099057922 0.7604456 -0.022984704 0.2664080299
## 1074 2292-10001 RR_40 0.117684178 0.7604456 0.629410025 0.1951353296
## 1075 1275-10004 RR_40 0.069495196 -1.3148842 0.644350362 -0.7990070905
## 1076 1662-10002 RR_40 0.136817424 0.7604456 -0.212228976 -0.2492343087
## 1077 1635-10010 RR_40 0.071808436 0.7604456 -0.595697634 -0.0383025658
## 1078 1757-10001 RR_40 0.134414003 0.7604456 -0.934345279 0.3301364002
## 1079 2420-10001 RR_40 0.017766475 0.7604456 -1.566819558 -0.3416754155
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## 1080 2212-10001 RR_40 0.074316466 0.7604456 1.286784866 0.0347458439
## 1081 2510-10039 RR_40 0.634438967 0.7604456 1.182202505 -0.6364572847
## 1082 2946-10010 RR_40 0.339984238 0.7604456 -0.570797072 -0.3778919548
## 1083 2130-10019 RR_40 0.032540765 0.7604456 -1.512038321 0.4394340591
## 1084 2211-10012 RR_40 0.239514188 0.7604456 -0.072785828 -0.3380909486
## 1085 2753-10014 RR_40 0.414518882 0.7604456 -0.530956172 -0.4501055392
## 1086 2985-10001 RR_40 0.055922080 0.7604456 -0.560836847 0.0132385067
## 1087 2248-10003 RR_40 0.604631142 0.7604456 1.570651274 -0.4737611920
## 1088 1621-10004 RR_40 0.033482636 0.7604456 -1.327774161 0.2469711837
## 1089 1950-10001 RR_40 0.072382969 0.7604456 1.988980719 0.5253842483
## 1090 2206-10001 RR_40 0.411831899 0.7604456 3.453133774 -0.0906931171
## 1091 1282-10004 RR_40 0.695463485 -1.3148842 2.860500394 0.5237469322
## 1092 2417-10006 RR_40 0.304429574 -1.3148842 -0.082746053 -1.1304126366
## 1093 2286-10018 RR_40 0.436325072 -1.3148842 1.087580368 -1.1470774594
## 1094 1302-10196 RR_40 0.501174339 -1.3148842 -0.595697634 -1.9099076883
## 1095 2383-10023 RR_40 0.458232709 -1.3148842 0.126418669 -0.5881075149
## 1096 1566-10003 RR_40 0.404866364 -1.3148842 1.421247901 -1.6151005632
## 1097 2642-10030 RR_40 0.462584342 -1.3148842 0.539768001 -0.6069512598
## 1098 1444-10007 RR_40 0.514053185 -1.3148842 -0.321791450 0.2628896527
## 1099 1211-10031 RR_40 0.410983535 0.7604456 -0.486135160 0.4470256578
## 1100 2282-10004 RR_40 0.623910604 0.7604456 0.813674185 0.2271146265
## 1101 1004-10001 RR_40 0.377435220 0.7604456 1.301725203 0.3833007912
## 1102 1400-10004 RR_40 0.701296329 0.7604456 0.539768001 1.2481925319
## 1103 2931-10001 RR_40 0.469490335 0.7604456 -0.735140782 1.3031468337
## 1104 1437-10019 RR_40 0.731819624 0.7604456 -0.376572687 1.2729745835
## 1105 1343-10010 RR_40 0.556251886 0.7604456 0.554708338 1.0186335921
## 1106 2300-10006 RR_40 0.432642089 0.7604456 -0.705260107 0.9286311414
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##	1107	1178-10001	RR_40	0.521723060	0.7604456	0.938176995	0.7509226269
##	1108	1139-10001	RR_40	0.723461902	0.7604456	2.098543192	0.2249678620
##	1109	1310-10007	RR_40	0.737989277	0.7604456	0.987978120	1.1616095998
##	1110	1365-10002	RR_40	0.538517877	0.7604456	0.534787888	0.6248132327
##	1111	2255-10001	RR_40	0.251703401	-1.3148842	0.729012273	-1.1042834295
##	1112	2190-10012	RR_40	0.082788836	-1.3148842	-1.038927640	-1.0410049078
##	1113	1053-10005	RR_40	0.287318704	-1.3148842	0.813674185	-1.4812214837
##	1114	2888-10001	RR_40	0.030686375	-1.3148842	-0.720200444	-1.5885066789
##	1115	2532-10006	RR_40	0.333790605	-1.3148842	0.260881705	0.0037996177
##	1116	2198-10001	RR_40	0.178924404	-1.3148842	-0.919404942	-0.3398360180
##	1117	1359-10004	RR_40	0.210350234	-1.3148842	-0.979166291	-1.0675299629
##	1118	1687-10001	RR_40	0.293582609	-1.3148842	5.360516835	-1.4597499521
##	1119	2534-10014	RR_40	0.233561336	-1.3148842	0.534787888	-1.2914080395
##	1120	2360-10015	RR_40	0.155021425	-1.3148842	0.534787888	-0.8521282226
##	1121	1275-10004	RR_40	0.069495196	-1.3148842	0.644350362	-0.7990070905
##	1122	2644-10062	RR_40	0.423569956	-1.3148842	-0.411433474	-0.7934828379
##	1123	2864-10001	RR_40	0.314410872	-1.3148842	1.107500818	-0.5601757257
##	1124	1316-10001	RR_40	0.143571797	-1.3148842	-0.745101007	-0.2338512987
##	1125	2136-10001	RR_40	0.560329647	0.7604456	-1.711242819	0.9967915316
##	1126	1362-10008	RR_40	0.736067511	0.7604456	-0.675379433	0.9277002822
##	1127	1459-10009	RR_40	0.912475573	0.7604456	0.420245303	0.9425081042
##	1128	2428-10004	RR_40	0.820166072	0.7604456	0.938176995	1.4065342642
##	1129	2432-10001	RR_40	0.911009267	0.7604456	-0.052865379	1.3865046211
##	1130	2398-10103	RR_40	0.916825956	0.7604456	-0.710240220	1.3233075614
##	1131	1372-10030	RR_40	0.785168311	0.7604456	0.116458444	0.8474289624
##	1132	2323-10025	RR_40	0.885542863	0.7604456	0.480006652	1.3169361438
##	1133	1444-10022	RR_40	0.681013975	0.7604456	0.992958232	0.6762620412

##	1134	2510-10073	RR_40	0.934147329	0.7604456	0.987978120	0.9481539957
##	1135	2013-10006	RR_40	0.817211841	0.7604456	1.575631387	1.2534123554
##	1136	1298-10018	RR_40	0.873650791	0.7604456	0.788773623	1.1529926801
##	1137	2510-10009	RR_40	0.710878672	0.7604456	-0.172388077	0.1185171671
##	1138	1311-10005	RR_40	0.829878762	0.7604456	0.235981143	1.2700724497
##	1139	1302-10252	RR_40	0.981038780	0.7604456	0.300722604	0.6739894307
##	1140	1431-10012	RR_40	0.865214104	0.7604456	0.574628788	-0.7503825654
##	1141	2809-10001	RR_40	0.590478268	0.7604456	2.506912412	1.1488877582
##	1142	2842-10004	RR_40	0.283650036	0.7604456	0.021836308	0.1007243697
##	1143	2819-10006	RR_40	0.273438273	0.7604456	0.061677207	0.0592668099
##	1144	1995-10037	RR_40	0.651905447	0.7604456	3.019863992	-0.9391829223
##	1145	2170-10005	RR_40	0.334964877	0.7604456	-1.427376410	0.7524240214
##	1146	2207-10009	RR_40	0.388011406	0.7604456	-1.153470226	0.3083023326
##	1147	1314-10006	RR_40	0.490976037	-1.3148842	1.396347339	0.1893040868
##	1148	1293-10005	RR_40	0.205136369	0.7604456	-0.207248864	-0.6033414992
##	1149	2644-10035	RR_40	0.645939527	-1.3148842	1.993960831	-0.1527059834
##	1150	2212-10001	RR_40	0.074316466	0.7604456	1.286784866	0.0347458439
##	1151	2670-10028	RR_40	0.352131061	0.7604456	-0.615618083	-0.7020721571
##	1152	1302-10365	RR_40	0.813623801	-1.3148842	0.460086202	-1.1768365085
##	1153	1452-10016	RR_40	0.394013470	-1.3148842	1.376426890	-0.6862530970
##	1154	1444-10028	RR_40	0.339055614	-1.3148842	0.808694072	-0.8103072316
##	1155	2642-10030	RR_40	0.462584342	-1.3148842	0.539768001	-0.6069512598
##	1156	1298-10045	RR_40	0.249050292	-1.3148842	0.106498219	-1.4312133351
##	1157	1009-10005	RR_40	0.347339642	-1.3148842	0.365464066	-1.5714475839
##	1158	1302-10296	RR_40	0.890689059	-1.3148842	-0.291910775	-0.4750193734
##	1159	2395-10043	RR_40	0.782157979	0.7604456	2.392369826	0.5006041284
##	1160	1337-10006	RR_40	0.782793382	0.7604456	1.715074535	0.9917119410

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## 1161 1309-10001 RR_40 0.711953017 0.7604456 -0.291910775 1.1301013110
## 1162 2588-10007 RR_40 0.295681702 0.7604456 -0.207248864 0.6157908394
## 1163 2233-10004 RR_40 0.362011316 0.7604456 0.589569125 0.7278847019
## 1164 2719-10010 RR_40 0.638685568 0.7604456 -0.381552799 1.1054976822
## 1165 1394-10001 RR_40 0.538161587 0.7604456 0.629410025 0.8723532235
## 1166 1394-10012 RR_40 0.593386908 0.7604456 0.699131599 0.9340471439
## 1167 1461-10005 RR_40 0.522999971 0.7604456 -0.954265729 1.0323702299
## 1168 1551-10010 RR_40 0.524863188 0.7604456 -1.312833824 1.0159793943
## 1169 1348-10010 RR_40 0.711839334 0.7604456 -0.371592574 1.3341084878
## 1170 1139-10010 RR_40 0.639995979 0.7604456 0.599529350 1.0078009242
## 1171 2191-10009 RR_40 0.308455163 -1.3148842 -1.631561020 0.2222782416
## 1172 1181-10017 RR_40 0.290623714 -1.3148842 1.700134198 -1.4193235186
## 1173 2863-10004 RR_40 0.053269638 -1.3148842 0.136378894 -1.7865274846
## 1174 1520-10001 RR_40 0.265550313 -1.3148842 0.539768001 -0.8018858654
## 1175 1007-10006 RR_40 0.495103894 -1.3148842 4.653340870 -0.2048034928
## 1176 1502-10001 RR_40 0.157988436 -1.3148842 -1.352674723 -1.1846333050
## 1177 1135-10035 RR_40 0.532689314 -1.3148842 2.168264766 -1.1134143702
## 1178 1675-10001 RR_40 0.855877406 -1.3148842 10.385450280 -1.2562785920
## 1179 2395-10034 RR_40 0.124181216 -1.3148842 2.950142418 -1.7222088698
## 1180 1056-10003 RR_40 0.198301180 -1.3148842 -0.401473249 -0.9131478890
## 1181 2518-10002 RR_40 0.133933101 -1.3148842 0.973037783 -1.1982191028
## 1182 1181-10022 RR_40 0.279375866 -1.3148842 1.336585990 -1.2566031860
## 1183 2407-10001 RR_40 0.621739411 -1.3148842 0.315662941 0.2984649534
## 1184 1229-10013 RR_40 0.468215946 -1.3148842 2.457111287 -0.6677482536
## 1185 1065-10013 RR_40 0.726010820 0.7604456 0.724032161 0.4989322052
## 1186 1211-10010 RR_40 0.486703037 0.7604456 0.997938345 -0.6362992772
## 1187 1065-10021 RR_40 0.912652873 0.7604456 1.979020494 1.0447627518
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##	1188	2717-10035	RR_40	0.706238222	0.7604456	0.151319231	1.2767161738
##	1189	1375-10003	RR_40	0.874456928	0.7604456	0.689171374	0.5971935452
##	1190	1062-10006	RR_40	0.793694798	0.7604456	-0.799882243	1.0172303582
##	1191	2717-10017	RR_40	0.852785774	0.7604456	0.285782267	1.3458416397
##	1192	1302-10133	RR_40	0.946242787	0.7604456	-1.452276972	0.7348135224
##	1193	1510-10005	RR_40	0.633438807	0.7604456	0.051716983	1.0624209982
##	1194	1302-10022	RR_40	0.993803095	0.7604456	2.735997584	1.0642135295
##	1195	2523-10013	RR_40	0.918344159	0.7604456	0.982998007	1.0909938723
##	1196	2398-10020	RR_40	0.876494158	0.7604456	-0.102666503	1.1541117051
##	1197	1302-10252	RR_40	0.981038780	0.7604456	0.300722604	0.6739894307
##	1198	2126-10004	RR_40	0.597469292	0.7604456	0.405304965	0.8567760180
##	1199	2534-10001	RR_40	0.477658814	0.7604456	-0.730160669	-0.1810073125
##	1200	1387-10004	RR_40	0.707629967	0.7604456	0.918256546	0.3578769717
##	1201	2699-10004	RR_50	0.738617185	0.7604456	-0.376572687	1.0534697055
##	1202	2282-10012	RR_50	0.920546771	0.7604456	-0.252069876	0.9172227040
##	1203	1109-10012	RR_50	0.461316262	0.7604456	-0.047885266	0.9950623584
##	1204	1219-10003	RR_50	0.225259445	-1.3148842	-0.824782806	-1.0675299629
##	1205	1004-10002	RR_50	0.619520638	0.7604456	1.421247901	0.4466359200
##	1206	1207-10020	RR_50	0.713675635	-1.3148842	0.908296321	0.0318311690
##	1207	1102-10001	RR_50	0.434553192	0.7604456	0.011876083	-0.0825922564
##	1208	1389-10001	RR_50	0.113055837	-1.3148842	-0.451274373	-1.5211409506
##	1209	2383-10013	RR_50	0.732169364	0.7604456	-0.461234598	0.6755910709
##	1210	1381-10023	RR_50	0.819718678	-1.3148842	1.117461043	-0.1783557391
##	1211	1348-10010	RR_50	0.832246670	0.7604456	-0.371592574	1.3341084878
##	1212	2398-10126	RR_50	0.974577550	0.7604456	1.371446777	1.3547978621
##	1213	1452-10012	RR_50	0.773381896	0.7604456	-1.118609439	0.7887758334
##	1214	2449-10034	RR_50	0.896696020	0.7604456	-0.565816959	1.0445126785

##	1215	2225-10001	RR_50	0.907967590	0.7604456	0.370444178	1.2772334000
##	1216	2510-10051	RR_50	0.916591026	0.7604456	-0.715220332	1.3874002192
##	1217	1393-10005	RR_50	0.795149901	0.7604456	0.943157108	0.6073517311
##	1218	2750-10009	RR_50	0.549652692	0.7604456	0.066657320	0.5271591795
##	1219	3053-10003	RR_50	0.592145749	0.7604456	-0.894504380	0.0172824821
##	1220	1244-10002	RR_50	0.941768421	0.7604456	0.773833285	0.5722486170
##	1221	1302-10315	RR_50	0.992117187	0.7604456	0.250921480	1.1124400348
##	1222	1065-10017	RR_50	0.933116138	0.7604456	0.480006652	1.1874150632
##	1223	1290-10006	RR_50	0.542019139	-1.3148842	-0.481155048	0.2633926945
##	1224	1460-10022	RR_50	0.309237782	-1.3148842	-0.904464604	-1.3302300275
##	1225	1343-10013	RR_50	0.679518354	-1.3148842	1.187182617	0.4177503196
##	1226	2510-10091	RR_50	0.950119891	0.7604456	0.878415646	1.2157855217
##	1227	1919-10002	RR_50	0.262950497	0.7604456	-0.650478870	0.8350641715
##	1228	1302-10312	RR_50	0.988580012	0.7604456	0.051716983	1.1207870801
##	1229	1013-10009	RR_50	0.275796893	-1.3148842	-0.804862356	-1.6003120886
##	1230	1244-10006	RR_50	0.832512552	0.7604456	0.564668563	0.8244886548
##	1231	1459-10052	RR_50	0.878100380	0.7604456	-0.366612462	1.2487292595
##	1232	1295-10005	RR_50	0.766190990	0.7604456	-0.416413586	1.0337976237
##	1233	1337-10007	RR_50	0.913266251	0.7604456	2.203125553	1.1175330117
##	1234	1525-10009	RR_50	0.637109940	0.7604456	-1.213231575	-0.1564051039
##	1235	2717-10025	RR_50	0.896926646	0.7604456	1.042759357	1.2910023680
##	1236	2563-10012	RR_50	0.207524023	-1.3148842	0.026816420	-1.3417183039
##	1237	2220-10001	RR_50	0.586341893	0.7604456	-2.059850689	1.0537417061
##	1238	1094-10006	RR_50	0.938416519	0.7604456	1.371446777	0.4110346301
##	1239	2383-10001	RR_50	0.703645974	0.7604456	-1.188331013	0.8148409987
##	1240	1302-10351	RR_50	0.969496992	0.7604456	-0.650478870	0.4062827007
##	1241	1327-10003	RR_50	0.898690397	0.7604456	0.041756758	1.2703602879

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## 1242 2717-10017 RR_50 0.920847621 0.7604456 0.285782267 1.3458416397
## 1243 1374-10005 RR_50 0.354146004 0.7604456 -1.317813936 0.0503409724
## 1244 1308-10010 RR_50 0.082233032 -1.3148842 -0.774981681 -1.2742783713
## 1245 1422-10002 RR_50 0.376525069 -1.3148842 -0.974186179 -0.4381151544
## 1246 1452-10016 RR_50 0.566313908 -1.3148842 1.376426890 -0.6862530970
## 1247 2532-10002 RR_50 0.577565146 0.7604456 0.360483953 0.5945253466
## 1248 1302-10045 RR_50 0.991716773 0.7604456 0.345543616 0.6344491083
## 1249 1499-10003 RR_50 0.104677000 -1.3148842 -0.575777184 -1.3177663315
## 1250 2398-10089 RR_50 0.945454736 0.7604456 -0.311831225 1.3111500830
## 1251 1459-10022 RR_50 0.978837214 0.7604456 1.884398358 1.2241147461
## 1252 2491-10013 RR_50 0.829684738 0.7604456 -0.640518646 1.0724125290
## 1253 1995-10096 RR_50 0.918404066 0.7604456 0.176219793 1.4042522608
## 1254 2609-10002 RR_50 0.255852537 0.7604456 0.599529350 0.4303554997
## 1255 2398-10068 RR_50 0.969756741 0.7604456 1.077620144 1.2088771971
## 1256 2655-10001 RR_50 0.020749729 -1.3148842 -2.024989902 -0.7684510059
## 1257 2413-10012 RR_50 0.766147855 0.7604456 -0.555856734 1.1816706129
## 1258 1135-10017 RR_50 0.640749681 0.7604456 -1.282953149 0.2948847812
## 1259 2750-10005 RR_50 0.891746113 0.7604456 0.221040805 1.2178336571
## 1260 2597-10005 RR_50 0.229932386 0.7604456 1.306705315 0.0946985983
## 1261 1013-10005 RR_50 0.745238786 0.7604456 0.255901592 0.3747699063
## 1262 1662-10006 RR_50 0.194744525 0.7604456 -0.341711900 -0.5107200434
## 1263 1528-10011 RR_50 0.801623796 0.7604456 -0.779961794 0.5745472198
## 1264 2590-10009 RR_50 0.634145762 0.7604456 -0.486135160 0.6362559841
## 1265 1424-10021 RR_50 0.321316305 -1.3148842 -0.535936284 -1.5383957408
## 1266 1302-10296 RR_50 0.942410414 -1.3148842 -0.291910775 -0.4750193734
## 1267 2510-10135 RR_50 0.972238156 0.7604456 0.958097445 1.3178363420
## 1268 2788-10001 RR_50 0.918875779 0.7604456 -0.182348302 0.8796390933
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##	1269	2398-10131	RR_50	0.943777383	0.7604456	-0.147487515	0.9695873225
##	1270	1302-10022	RR_50	0.996904758	0.7604456	2.735997584	1.0642135295
##	1271	2510-10091	RR_50	0.950119891	0.7604456	0.878415646	1.2157855217
##	1272	2145-10003	RR_50	0.713089486	0.7604456	-1.835745629	0.5714891809
##	1273	2416-10001	RR_50	0.769453240	0.7604456	0.455106090	0.9233404558
##	1274	2567-10007	RR_50	0.945908699	0.7604456	-0.162427852	1.2814401789
##	1275	1650-10029	RR_50	0.705507858	-1.3148842	-0.281950550	0.3977013724
##	1276	1343-10001	RR_50	0.817646649	0.7604456	0.968057670	1.1031371552
##	1277	2413-10003	RR_50	0.820973120	0.7604456	-0.182348302	1.2649916490
##	1278	2552-10009	RR_50	0.829554335	0.7604456	-0.117606840	1.0968408498
##	1279	1302-10375	RR_50	0.991924803	0.7604456	0.240961255	0.5360035099
##	1280	1527-10003	RR_50	0.635525194	-1.3148842	3.159307140	-0.1530572983
##	1281	2432-10003	RR_50	0.944040621	0.7604456	2.835599832	-0.3811119573
##	1282	2788-10025	RR_50	0.968596443	0.7604456	1.525830262	1.1557356324
##	1283	2775-10001	RR_50	0.792246774	0.7604456	-1.168410563	1.2547938687
##	1284	2665-10013	RR_50	0.857762135	0.7604456	1.276824641	0.9621744197
##	1285	2510-10007	RR_50	0.911130338	0.7604456	-0.371592574	0.9417849284
##	1286	2170-10015	RR_50	0.681871022	0.7604456	0.699131599	0.3618757823
##	1287	1650-10027	RR_50	0.831387411	-1.3148842	-0.127567065	0.7722930055
##	1288	1379-10025	RR_50	0.898625186	0.7604456	-0.132547177	1.2019450586
##	1289	1060-10004	RR_50	0.269375069	-1.3148842	-0.147487515	-1.1777523201
##	1290	2588-10006	RR_50	0.650708816	0.7604456	-1.078768540	0.4531017096
##	1291	1324-10005	RR_50	0.674999196	-1.3148842	0.798733847	-1.2385563668
##	1292	2510-10034	RR_50	0.981506013	0.7604456	2.048742068	1.2817697334
##	1293	1995-10065	RR_50	0.895067123	0.7604456	-0.665419208	1.3952392697
##	1294	1211-10022	RR_50	0.804304167	0.7604456	0.614469687	1.0261311376
##	1295	2126-10011	RR_50	0.788014889	0.7604456	0.828614522	0.5883166510

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## 1296 1354-10007 RR_50 0.342352528 -1.3148842 -1.208251463 -0.6428002588
## 1297 1207-10041 RR_50 0.866805259 0.7604456 0.544748113 1.1807409717
## 1298 2207-10006 RR_50 0.716168121 0.7604456 -1.427376410 0.6822122656
## 1299 2398-10057 RR_50 0.953404684 0.7604456 -0.351672124 1.2615212377
## 1300 2786-10001 RR_50 0.915180694 0.7604456 -0.326771562 0.9693095042
## 1301 1354-10008 RR_50 0.755367526 0.7604456 -0.695299882 0.4125201730
## 1302 2510-10064 RR_50 0.741586240 -1.3148842 1.655313186 -1.6737194324
## 1303 2271-10009 RR_50 0.785635180 0.7604456 0.430205527 1.2639078808
## 1304 2461-10023 RR_50 0.797062201 0.7604456 -0.122586953 0.8533104868
## 1305 1123-10001 RR_50 0.172157632 -1.3148842 -0.545896509 -1.4574305496
## 1306 2615-10002 RR_50 0.468428864 0.7604456 -0.555856734 -0.7530325269
## 1307 2657-10001 RR_50 0.946603933 0.7604456 1.530810375 0.9395158816
## 1308 1444-10011 RR_50 0.897926694 0.7604456 2.173244879 0.9250578431
## 1309 2013-10008 RR_50 0.865904969 0.7604456 0.838574747 1.2609478824
## 1310 1145-10017 RR_50 0.801496603 0.7604456 -0.262030101 1.2503494160
## 1311 2746-10019 RR_50 0.885680166 0.7604456 1.057699694 0.2822542227
## 1312 1704-10001 RR_50 0.902955457 0.7604456 1.167262167 0.5055198243
## 1313 1302-10072 RR_50 0.993417726 0.7604456 0.021836308 1.0163360860
## 1314 1333-10008 RR_50 0.913744043 0.7604456 -0.212228976 1.1669176106
## 1315 1126-10002 RR_50 0.827681132 0.7604456 0.748932723 1.1390274296
## 1316 1459-10016 RR_50 0.967677251 0.7604456 0.639370250 1.2735834999
## 1317 1394-10006 RR_50 0.763125470 0.7604456 0.823634410 1.0721841555
## 1318 1302-10076 RR_50 0.988775494 0.7604456 0.440165752 0.6443671695
## 1319 3053-10002 RR_50 0.714578894 0.7604456 -0.520995947 0.0350175067
## 1320 1145-10012 RR_50 0.868884234 0.7604456 1.715074535 1.2528465479
## 1321 1141-10007 RR_50 0.743041033 0.7604456 0.265861817 1.0147873335
## 1322 1207-10052 RR_50 0.869797628 0.7604456 0.061677207 1.0041499941
```

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## 1323 1281-10003 RR_50 0.750584459 0.7604456 -0.117606840 0.9176838004
## 1324 2449-10068 RR_50 0.922946357 0.7604456 0.320643054 1.0267640890
## 1325 2417-10001 RR_50 0.528814102 -1.3148842 0.529807776 -0.8404812579
## 1326 2398-10133 RR_50 0.940375384 0.7604456 0.320643054 1.2110965365
## 1327 1186-10015 RR_50 0.768936955 0.7604456 0.450125977 0.6165215380
## 1328 1477-10033 RR_50 0.882352920 0.7604456 -0.042905154 0.8615180737
## 1329 1298-10045 RR_50 0.399779577 -1.3148842 0.106498219 -1.4312133351
## 1330 2475-10015 RR_50 0.721959122 0.7604456 0.061677207 0.6435105958
## 1331 1063-10007 RR_50 0.876031327 0.7604456 0.176219793 0.8414066214
## 1332 1209-10011 RR_50 0.705364707 0.7604456 -0.047885266 0.6521028444
## 1333 2398-10049 RR_50 0.917898275 0.7604456 -0.286930663 0.9633732096
## 1334 1281-10001 RR_50 0.788104463 0.7604456 0.778813398 0.8818839613
## 1335 1298-10039 RR_50 0.874131239 0.7604456 0.061677207 1.1376488472
## 1336 2324-10001 RR_50 0.102465373 0.7604456 -0.027964816 0.0586415561
## 1337 1379-10014 RR_50 0.677372305 0.7604456 -0.117606840 0.7944917181
## 1338 2449-10022 RR_50 0.871173204 0.7604456 -0.122586953 0.5951529613
## 1339 1076-10007 RR_50 0.745999152 0.7604456 0.489966877 0.9883835861
## 1340 2300-10018 RR_50 0.193826258 -1.3148842 0.435185640 -0.9218510187
## 1341 2398-10076 RR_50 0.934907563 0.7604456 -0.092706278 1.1436380566
## 1342 1114-10001 RR_50 0.364778077 -1.3148842 -0.192308527 -1.5852462125
## 1343 1281-10002 RR_50 0.657139533 0.7604456 -0.660439095 0.7998013677
## 1344 2360-10020 RR_50 0.179012735 -1.3148842 0.290762379 -1.2742912770
## 1345 1193-10006 RR_50 0.856911657 0.7604456 0.046736870 1.1016890404
## 1346 1381-10025 RR_50 0.308992549 -1.3148842 -0.690319770 -1.3977748085
## 1347 1297-10003 RR_50 0.717751788 0.7604456 0.335583391 0.7833669372
## 1348 1115-10006 RR_50 0.828002507 0.7604456 -0.361632349 0.5307082183
## 1349 2480-10003 RR_50 0.102268480 0.7604456 0.509887326 -0.2762996271
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## 1350 1460-10030 RR_50 0.546731601 -1.3148842 0.504907214 -1.2354460840
## 1351 1252-10014 RR_50 0.619783156 0.7604456 -0.147487515 0.5408065491
## 1352 2931-10017 RR_50 0.158460383 -1.3148842 0.131398781 -1.1984101688
## 1353 2449-10044 RR_50 0.912483149 0.7604456 0.435185640 0.7857174692
## 1354 1298-10047 RR_50 0.463827701 -1.3148842 -0.127567065 -1.1600084217
## 1355 1394-10012 RR_50 0.745600630 0.7604456 0.699131599 0.9340471439
## 1356 1230-10005 RR_50 0.849085644 0.7604456 0.181199906 1.0304066577
## 1357 1452-10008 RR_50 0.881470860 0.7604456 -0.276970438 0.8789746169
## 1358 2753-10018 RR_50 0.453702185 -1.3148842 -0.316811337 -0.8080882949
## 1359 1233-10017 RR_50 0.825413937 0.7604456 -0.142507402 0.5021907059
## 1360 1062-10011 RR_50 0.847788745 0.7604456 -0.162427852 0.6131524055
## 1361 2916-10001 RR_50 0.118538380 -1.3148842 0.056697095 -0.9369769575
## 1362 2424-10001 RR_50 0.072641412 0.7604456 -0.321791450 0.2413699507
## 1363 2276-10001 RR_50 0.094589495 0.7604456 0.111478332 -0.5866985814
## 1364 1977-10001 RR_50 0.168769227 -1.3148842 0.171239681 -0.6542075925
## 1365 2467-10001 RR_50 0.066938058 0.7604456 -1.098688989 0.3620107993
## 1366 1814-10007 RR_50 0.130992321 -1.3148842 -0.062825603 -1.5631357776
## 1367 2608-10006 RR_50 0.237253146 -1.3148842 0.499927101 -1.3998046602
## 1368 2355-10001 RR_50 0.091979818 0.7604456 -0.555856734 -0.1995524444
## 1369 2360-10018 RR_50 0.288022611 -1.3148842 0.863475309 -1.1296108684
## 1370 2914-10003 RR_50 0.095140196 -1.3148842 -1.019007190 -1.0856152277
## 1371 1308-10010 RR_50 0.082233032 -1.3148842 -0.774981681 -1.2742783713
## 1372 2514-10001 RR_50 0.071245792 0.7604456 0.330603279 0.2015294582
## 1373 1270-10001 RR_50 0.116435108 -1.3148842 -0.247089763 -1.5809469287
## 1374 2582-10001 RR_50 0.067275581 0.7604456 -0.232149426 0.4849922635
## 1375 2565-10001 RR_50 0.053492904 0.7604456 -0.311831225 -0.3794227981
## 1376 2405-10019 RR_50 0.192566171 -1.3148842 0.330603279 -1.0971779380
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## 1377 2568-10001 RR_50 0.175718708 -1.3148842 -0.281950550 -0.9536799525
## 1378 1512-10005 RR_50 0.165628731 -1.3148842 -0.022984704 -1.0113375507
## 1379 1850-10002 RR_50 0.039232106 0.7604456 -0.750081119 -0.3009370594
## 1380 2518-10004 RR_50 0.286165406 0.7604456 -0.062825603 -0.2560726862
## 1381 2424-10001 RR_50 0.072641412 0.7604456 -0.321791450 0.2413699507
## 1382 2762-10001 RR_50 0.110687811 0.7604456 -2.020009789 0.0347722158
## 1383 1683-10001 RR_50 0.704292076 0.7604456 4.424255698 0.0400293482
## 1384 2300-10015 RR_50 0.115985215 0.7604456 -0.959245841 -0.5787600905
## 1385 2326-10014 RR_50 0.221095285 0.7604456 0.036776645 0.5441862841
## 1386 2143-10003 RR_50 0.279394185 0.7604456 -0.809842468 0.2981254256
## 1387 2716-10011 RR_50 0.452711166 0.7604456 -0.635538533 -0.3215127892
## 1388 1685-10001 RR_50 0.768897691 0.7604456 1.162282055 -0.1977860847
## 1389 2417-10012 RR_50 0.429764632 0.7604456 -0.222189201 -0.6206967599
## 1390 1125-10002 RR_50 0.384457114 -1.3148842 -0.336731787 -0.0520309928
## 1391 1479-10001 RR_50 0.528528179 0.7604456 -0.281950550 -0.3406414346
## 1392 1694-10001 RR_50 0.816694921 -1.3148842 -0.804862356 0.7736338345
## 1393 1566-10017 RR_50 0.701352400 -1.3148842 2.910301519 -1.7253085462
## 1394 1183-10004 RR_50 0.178878085 -1.3148842 0.181199906 -1.9848547840
## 1395 1126-10007 RR_50 0.629975064 -1.3148842 0.644350362 -0.0258310966
## 1396 1216-10012 RR_50 0.387834774 -1.3148842 0.455106090 -1.4490448106
## 1397 2670-10027 RR_50 0.323919706 -1.3148842 -0.705260107 -1.2673762682
## 1398 1295-10022 RR_50 0.584588558 -1.3148842 -0.959245841 0.3610381130
## 1399 1229-10014 RR_50 0.606225767 0.7604456 -1.218211688 0.8955272984
## 1400 1076-10007 RR_50 0.745999152 0.7604456 0.489966877 0.9883835861
## 1401 2459-10011 RR_50 0.809871243 0.7604456 0.599529350 1.0023716557
## 1402 1402-10001 RR_50 0.606598472 0.7604456 -1.661441694 1.1207870801
## 1403 1302-10329 RR_50 0.975156853 0.7604456 0.096537994 0.7229112541
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## 1404 1302-10182 RR_50 0.974983719 0.7604456 -0.386532912 0.9975915835
## 1405 1277-10011 RR_50 0.690007864 0.7604456 1.027819019 0.7742440048
## 1406 1291-10003 RR_50 0.452026313 0.7604456 -0.799882243 0.4368148990
## 1407 1259-10002 RR_50 0.695262538 0.7604456 0.674231037 1.0339175247
## 1408 2613-10024 RR_50 0.832757543 0.7604456 0.968057670 0.9536792332
## 1409 1348-10006 RR_50 0.812606376 0.7604456 -0.087726166 1.2950592713
## 1410 1488-10002 RR_50 0.483732811 0.7604456 0.828614522 0.5050268732
## 1411 1486-10010 RR_50 0.212748852 -1.3148842 -0.321791450 -0.8813892256
## 1412 1125-10005 RR_50 0.332268967 -1.3148842 0.021836308 -0.1711527386
## 1413 2548-10022 RR_50 0.198745433 -1.3148842 0.305702717 -1.9071070462
## 1414 2267-10004 RR_50 0.182214478 -1.3148842 -0.401473249 -1.2390946359
## 1415 2658-10003 RR_50 0.501317944 -1.3148842 1.361486552 -0.5853852043
## 1416 2060-10001 RR_50 0.265465719 -1.3148842 3.463093999 -1.5229208144
## 1417 1013-10016 RR_50 0.339739329 -1.3148842 1.715074535 -1.2781173933
## 1418 1675-10001 RR_50 0.922639558 -1.3148842 10.385450280 -1.2562785920
## 1419 1011-10001 RR_50 0.117513924 -1.3148842 0.335583391 -2.0309493470
## 1420 2960-10004 RR_50 0.077586328 -1.3148842 -0.949285616 -1.3795894343
## 1421 2644-10063 RR_50 0.487965486 -1.3148842 0.853515084 -0.6555459059
## 1422 1135-10034 RR_50 0.665643586 -1.3148842 1.939179594 -1.6219629597
## 1423 1412-10019 RR_50 0.152870940 -1.3148842 -0.630558421 -1.4160174903
## 1424 1015-10006 RR_50 0.167440310 -1.3148842 0.161279456 -1.5144446800
## 1425 2567-10013 RR_50 0.958729563 0.7604456 1.431208126 1.3370146615
## 1426 2717-10017 RR_50 0.920847621 0.7604456 0.285782267 1.3458416397
## 1427 2523-10003 RR_50 0.930228250 0.7604456 0.480006652 1.0609615483
## 1428 1696-10001 RR_50 0.614161876 0.7604456 -0.491115273 0.8474025468
## 1429 2398-10115 RR_50 0.921504561 0.7604456 -1.253072475 1.2784359923
## 1430 1372-10033 RR_50 0.850137051 0.7604456 -1.407455960 1.1150945796
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## 1431 1564-10001 RR_50 0.715592817 0.7604456 -0.361632349 1.0636738835
## 1432 1650-10004 RR_50 0.870840804 0.7604456 -0.476174935 0.8097845140
## 1433 1645-10021 RR_50 0.763139530 0.7604456 0.489966877 0.8882901399
## 1434 1478-10015 RR_50 0.650299553 0.7604456 -0.794902131 -0.1626100993
## 1435 1302-10264 RR_50 0.995519146 0.7604456 3.009903767 1.0141149201
## 1436 1444-10020 RR_50 0.771673278 0.7604456 0.410285078 0.5125236770
## 1437 1302-10109 RR_50 0.984579894 0.7604456 -0.989126516 0.5197641870
## 1438 1207-10058 RR_50 0.795336675 0.7604456 -0.451274373 1.1914379277
## 1439 1302-10140 RR_50 0.982824921 0.7604456 -0.770001569 1.0600586645
## 1440 2493-10003 RR_50 0.805562036 0.7604456 0.674231037 -0.0165372150
## 1441 2515-10016 RR_50 0.321958930 0.7604456 -0.072785828 -0.1588012245
## 1442 2229-10001 RR_50 0.832517412 0.7604456 -0.615618083 0.5488405802
## 1443 2066-10001 RR_50 0.437440424 0.7604456 0.529807776 0.9050611575
## 1444 1616-10003 RR_50 0.318243610 0.7604456 -0.252069876 0.5633196566
## 1445 2345-10009 RR_50 0.380404801 0.7604456 -0.929365167 -0.3044470368
## 1446 1685-10001 RR_50 0.768897691 0.7604456 1.162282055 -0.1977860847
## 1447 2430-10001 RR_50 0.278610574 0.7604456 1.062679806 0.3596333260
## 1448 2461-10034 RR_50 0.270682963 0.7604456 -0.954265729 -0.7864697768
## 1449 2395-10031 RR_50 0.597602520 0.7604456 1.665273411 -0.3161236042
## 1450 2545-10006 RR_50 0.847650386 0.7604456 2.586594211 -0.6955901685
## 1451 1135-10004 RR_50 0.510483303 -1.3148842 -0.366612462 -0.6195790115
## 1452 1494-10003 RR_50 0.247046552 -1.3148842 -0.037925041 -1.8766431165
## 1453 1566-10014 RR_50 0.564400251 -1.3148842 1.321645653 -1.5980310642
## 1454 2286-10040 RR_50 0.786545722 -1.3148842 0.126418669 0.4024508698
## 1455 2190-10008 RR_50 0.779704817 -1.3148842 -2.005069452 1.3365000427
## 1456 1302-10395 RR_50 0.872011118 -1.3148842 0.738972498 -1.2497255763
## 1457 1302-10301 RR_50 0.918861719 -1.3148842 0.036776645 -0.7216359491
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## 1458 1463-10015 RR_50 0.402993960 -1.3148842 1.217063292 -1.6544469166
## 1459 2931-10002 RR_50 0.651848873 0.7604456 -0.356652237 1.1085845687
## 1460 1139-10008 RR_50 0.784502260 0.7604456 1.122441155 0.9230925290
## 1461 1032-10003 RR_50 0.774375327 0.7604456 0.056697095 1.1188607447
## 1462 1318-10001 RR_50 0.340578690 0.7604456 -0.511035722 0.5041612491
## 1463 1355-10005 RR_50 0.768488070 0.7604456 -0.381552799 0.7816511523
## 1464 1366-10016 RR_50 0.743546021 0.7604456 -0.152467627 1.1305488389
## 1465 1365-10004 RR_50 0.825744008 0.7604456 0.325623166 0.6267214939
## 1466 2807-10006 RR_50 0.813341401 0.7604456 1.595551837 0.7554998277
## 1467 1435-10008 RR_50 0.736214743 0.7604456 0.280802154 1.0834862214
## 1468 1422-10014 RR_50 0.798916000 0.7604456 0.763873060 1.1071231256
## 1469 1281-10004 RR_50 0.794236312 0.7604456 0.833594634 1.0078329044
## 1470 1302-10331 RR_50 0.974804017 0.7604456 0.196140243 1.2427167687
## 1471 1188-10007 RR_50 0.451444594 -1.3148842 1.774835884 -1.2708119849
## 1472 2448-10037 RR_50 0.666734259 -1.3148842 1.167262167 -1.1443555797
## 1473 1373-10004 RR_50 0.474946001 -1.3148842 0.788773623 -0.1947063380
## 1474 2084-10007 RR_50 0.585679050 -1.3148842 0.738972498 0.4888988881
## 1475 2534-10030 RR_50 0.417809735 -1.3148842 3.990985916 -1.9844949479
## 1476 1014-10001 RR_50 0.292915639 -1.3148842 2.412290275 -1.4131424389
## 1477 1351-10019 RR_50 0.275556064 -1.3148842 -0.874583930 -0.6552234075
## 1478 1067-10009 RR_50 0.598591445 -1.3148842 0.987978120 -0.0397672819
## 1479 1206-10002 RR_50 0.328260617 -1.3148842 -0.262030101 -1.2259023238
## 1480 1451-10011 RR_50 0.612526687 -1.3148842 2.407310163 -0.9585298322
## 1481 2448-10014 RR_50 0.635153952 -1.3148842 2.870460619 -1.7563686692
## 1482 2548-10017 RR_50 0.310393627 -1.3148842 1.615472286 -1.4319316779
## 1483 1486-10003 RR_50 0.217243304 -1.3148842 0.833594634 -1.4354409874
## 1484 2254-10001 RR_50 0.675069519 -1.3148842 -0.436334036 -0.0666429551
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##	1485	2675-10001	RR_50	0.832666619	0.7604456	-1.093708877	1.0218587157
##	1486	1510-10002	RR_50	0.858446283	0.7604456	-0.416413586	1.1656264325
##	1487	2429-10009	RR_50	0.881216653	0.7604456	-0.177368189	0.8227506722
##	1488	1207-10001	RR_50	0.877138748	0.7604456	-0.625578308	1.2206612054
##	1489	1298-10040	RR_50	0.944589850	0.7604456	2.447151062	0.8288010732
##	1490	2510-10086	RR_50	0.973604739	0.7604456	1.466068913	1.2330949241
##	1491	1193-10002	RR_50	0.840615947	0.7604456	0.435185640	1.0096158934
##	1492	2606-10003	RR_50	0.940284545	0.7604456	0.166259568	1.2476139531
##	1493	2717-10028	RR_50	0.912277288	0.7604456	0.295742492	1.3038156931
##	1494	1867-10001	RR_50	0.764913222	0.7604456	-2.388538109	0.8521884972
##	1495	2323-10016	RR_50	0.911833421	0.7604456	-0.834743030	1.3991474228
##	1496	1298-10017	RR_50	0.907379724	0.7604456	0.748932723	1.1717405406
##	1497	1705-10001	RR_50	0.777474529	0.7604456	-0.705260107	1.1088940527
##	1498	1995-10054	RR_50	0.911825081	0.7604456	-0.341711900	1.1689896955
##	1499	2644-10008	RR_50	0.891553687	0.7604456	0.111478332	1.2162415944
##	1500	1302-10054	RR_50	0.992410679	0.7604456	0.206100468	1.1595305134
##	1501	1302-10225	RR_60	0.992922221	0.7604456	0.992958232	0.7628619005
##	1502	3067-10001	RR_60	0.183301808	0.7604456	-0.999086741	-0.0492234669
##	1503	1138-10016	RR_60	0.391540336	-1.3148842	1.466068913	-1.4805790196
##	1504	2398-10086	RR_60	0.984053346	0.7604456	0.430205527	1.3226457781
##	1505	1812-10001	RR_60	0.284074972	-1.3148842	1.610492174	-0.6589185006
##	1506	2165-10005	RR_60	0.300944527	0.7604456	-1.696302481	-0.3539886612
##	1507	2755-10004	RR_60	0.922406280	0.7604456	0.475026539	1.0521928216
##	1508	1207-10046	RR_60	0.930414505	0.7604456	0.803713960	1.2727572904
##	1509	1360-10001	RR_60	0.825492005	0.7604456	0.619449800	0.9568924309
##	1510	1155-10003	RR_60	0.561185673	-1.3148842	0.061677207	-1.9302228084
##	1511	1993-10002	RR_60	0.158520501	-1.3148842	-0.052865379	-1.6590511440

##	1512	2145-10017	RR_60	0.961733379	0.7604456	-0.580757296	1.3093268576
##	1513	1298-10003	RR_60	0.725563823	0.7604456	-0.799882243	0.3868267495
##	1514	2606-10001	RR_60	0.948242383	0.7604456	0.235981143	0.5281468637
##	1515	2665-10024	RR_60	0.900065404	0.7604456	0.091557882	1.0826573134
##	1516	1211-10011	RR_60	0.891790384	0.7604456	-0.276970438	0.4842743065
##	1517	2717-10028	RR_60	0.954506598	0.7604456	0.295742492	1.3038156931
##	1518	2170-10015	RR_60	0.812181497	0.7604456	0.699131599	0.3618757823
##	1519	2510-10118	RR_60	0.984352853	0.7604456	0.295742492	1.3683291423
##	1520	1247-10002	RR_60	0.911734484	0.7604456	0.529807776	1.3252226346
##	1521	1145-10008	RR_60	0.878943864	0.7604456	-0.042905154	1.1135736825
##	1522	1995-10039	RR_60	0.971613641	0.7604456	0.973037783	1.3673614909
##	1523	1444-10021	RR_60	0.859912248	0.7604456	0.111478332	0.4769484741
##	1524	1995-10094	RR_60	0.889277095	0.7604456	0.753912835	0.3301364002
##	1525	1830-10003	RR_60	0.585994208	0.7604456	0.081597657	1.4022390138
##	1526	1366-10007	RR_60	0.783389715	0.7604456	-0.565816959	0.9337378870
##	1527	2461-10017	RR_60	0.900156798	0.7604456	0.290762379	0.7502760762
##	1528	2608-10002	RR_60	0.749765615	0.7604456	-0.755061232	0.5926713254
##	1529	1556-10001	RR_60	0.099888751	0.7604456	-1.268012812	0.6507738577
##	1530	1149-10029	RR_60	0.761455304	-1.3148842	1.515870038	-1.0743898909
##	1531	2448-10043	RR_60	0.900686926	0.7604456	0.021836308	0.0923820678
##	1532	1302-10034	RR_60	0.993450025	0.7604456	0.415265190	0.6771239566
##	1533	2347-10001	RR_60	0.834685558	0.7604456	-0.242109651	1.0860755868
##	1534	1302-10039	RR_60	0.996646994	0.7604456	0.928216771	0.9167677389
##	1535	2323-10029	RR_60	0.957082018	0.7604456	-1.088728764	1.3952392697
##	1536	1927-10004	RR_60	0.221459233	0.7604456	0.430205527	-0.5807669843
##	1537	2967-10005	RR_60	0.960709894	0.7604456	0.420245303	1.2386018960
##	1538	2716-10011	RR_60	0.625308413	0.7604456	-0.635538533	-0.3215127892

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## 1539 1444-10001 RR_60 0.900970072 0.7604456 -0.167407964 1.0569304660
## 1540 1645-10017 RR_60 0.304763974 -1.3148842 -0.341711900 -1.6410277272
## 1541 2412-10001 RR_60 0.429751290 0.7604456 -1.123589552 1.0671409013
## 1542 1645-10022 RR_60 0.337583216 -1.3148842 -0.530956172 -0.8990178484
## 1543 2510-10034 RR_60 0.990746956 0.7604456 2.048742068 1.2817697334
## 1544 2534-10003 RR_60 0.881917127 0.7604456 0.838574747 0.2495852222
## 1545 2608-10008 RR_60 0.687833758 0.7604456 -0.157447740 -0.0451649108
## 1546 1297-10004 RR_60 0.794567081 0.7604456 0.295742492 0.9315863390
## 1547 1581-10014 RR_60 0.738810410 0.7604456 -0.680359545 0.6809316321
## 1548 1302-10115 RR_60 0.997546790 0.7604456 1.660293298 1.0482769996
## 1549 1495-10003 RR_60 0.684452988 0.7604456 -0.242109651 0.7508597741
## 1550 2178-10002 RR_60 0.415968611 0.7604456 -1.825785404 0.2755412130
## 1551 1372-10003 RR_60 0.938059285 0.7604456 -1.004066853 1.1455869283
## 1552 2018-10005 RR_60 0.275627100 0.7604456 -1.387535510 0.0960399176
## 1553 1995-10037 RR_60 0.883560682 0.7604456 3.019863992 -0.9391829223
## 1554 2554-10004 RR_60 0.540656336 0.7604456 -0.192308527 0.5912968421
## 1555 2190-10018 RR_60 0.744163396 -1.3148842 -1.631561020 0.7775682575
## 1556 2510-10048 RR_60 0.972051578 0.7604456 -0.077765941 1.2735834999
## 1557 1480-10004 RR_60 0.734670346 0.7604456 -0.207248864 -0.5630802549
## 1558 2429-10016 RR_60 0.939312082 0.7604456 0.126418669 1.0216251265
## 1559 1460-10001 RR_60 0.897870793 0.7604456 -1.397495735 1.1800858811
## 1560 2170-10004 RR_60 0.650656442 0.7604456 -1.492117871 0.9130110530
## 1561 1302-10114 RR_60 0.993121983 0.7604456 -0.929365167 1.0923006653
## 1562 2664-10001 RR_60 0.484234569 -1.3148842 -0.809842468 -0.5373604248
## 1563 2710-10031 RR_60 0.663735416 -1.3148842 0.783793510 -1.4952464759
## 1564 2360-10010 RR_60 0.799392583 0.7604456 1.510889925 -0.5415134191
## 1565 2567-10009 RR_60 0.975075900 0.7604456 0.355503841 1.2190521763
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## 1566 1284-10002 RR_60 0.948852818 0.7604456 1.406307564 1.2221328093
## 1567 2510-10149 RR_60 0.953079664 0.7604456 1.232003629 -0.1863122658
## 1568 2590-10004 RR_60 0.940617877 0.7604456 0.196140243 1.2228953455
## 1569 2563-10002 RR_60 0.421191824 -1.3148842 0.584589013 -1.5002303502
## 1570 2510-10018 RR_60 0.977552908 0.7604456 -0.391513024 1.2755599947
## 1571 2642-10033 RR_60 0.921355308 -1.3148842 1.715074535 0.1504792767
## 1572 1381-10021 RR_60 0.947766785 0.7604456 -0.735140782 1.1258597763
## 1573 1995-10055 RR_60 0.953320994 0.7604456 -0.929365167 1.3031468337
## 1574 2164-10041 RR_60 0.682989639 -1.3148842 -0.525976060 -0.5652501164
## 1575 1460-10032 RR_60 0.672449664 -1.3148842 -0.919404942 -0.5021937418
## 1576 2567-10018 RR_60 0.980960456 0.7604456 1.824637008 1.1669176106
## 1577 1087-10003 RR_60 0.842415609 0.7604456 -0.082746053 0.9717241382
## 1578 1013-10013 RR_60 0.813893456 0.7604456 -0.087726166 0.0558841340
## 1579 1166-10007 RR_60 0.818018877 0.7604456 -0.132547177 0.4691378907
## 1580 1010-10001 RR_60 0.870270671 0.7604456 1.227023517 1.3687386818
## 1581 2116-10002 RR_60 0.796553567 0.7604456 -0.834743030 0.9332098347
## 1582 2571-10030 RR_60 0.919307530 0.7604456 1.331605878 0.8180220347
## 1583 2583-10003 RR_60 0.512482411 0.7604456 0.305702717 0.5216866984
## 1584 1379-10006 RR_60 0.874916657 0.7604456 0.221040805 0.8772758139
## 1585 1482-10002 RR_60 0.891371125 0.7604456 -1.043907753 0.5269323718
## 1586 1135-10036 RR_60 0.721024707 -1.3148842 1.137381493 -1.1618539734
## 1587 1465-10006 RR_60 0.811577132 0.7604456 -0.964225954 0.1950560435
## 1588 1470-10010 RR_60 0.906885095 0.7604456 1.012878682 0.9804008381
## 1589 1451-10001 RR_60 0.894075256 0.7604456 -0.147487515 1.1043852841
## 1590 1459-10029 RR_60 0.971320131 0.7604456 -0.954265729 1.1694723077
## 1591 2665-10011 RR_60 0.921125797 0.7604456 0.365464066 0.7747471892
## 1592 2788-10015 RR_60 0.967913303 0.7604456 1.540770600 -0.3494599157
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##	1593	2360-10011	RR_60	0.794078830	0.7604456	1.212083179	0.0594174944
##	1594	2449-10035	RR_60	0.932256438	0.7604456	-0.381552799	0.7983549773
##	1595	1995-10098	RR_60	0.824314419	0.7604456	2.223046003	0.0814913002
##	1596	1302-10221	RR_60	0.989378142	0.7604456	0.938176995	1.0661834921
##	1597	1456-10032	RR_60	0.950777582	0.7604456	-0.281950550	1.3247827366
##	1598	1302-10015	RR_60	0.997497141	0.7604456	1.720054647	1.0488308137
##	1599	1393-10004	RR_60	0.566646277	0.7604456	0.704111711	0.1479724308
##	1600	2670-10035	RR_60	0.675927525	-1.3148842	0.843554859	-1.5236042220
##	1601	1302-10077	RR_60	0.995391101	0.7604456	-0.471194823	0.4464460662
##	1602	1207-10053	RR_60	0.944831082	0.7604456	1.087580368	0.8606784184
##	1603	1302-10026	RR_60	0.994864269	0.7604456	1.082600256	1.0249880978
##	1604	2165-10005	RR_60	0.300944527	0.7604456	-1.696302481	-0.3539886612
##	1605	2621-10006	RR_60	0.951844125	0.7604456	0.166259568	1.0576401211
##	1606	2398-10063	RR_60	0.986073583	0.7604456	1.032799132	1.2684240746
##	1607	1535-10007	RR_60	0.849516409	-1.3148842	0.973037783	-0.2831712310
##	1608	2621-10002	RR_60	0.934552633	0.7604456	-0.501075497	1.0225772243
##	1609	2378-10006	RR_60	0.476287331	-1.3148842	0.584589013	-1.8741890127
##	1610	1058-10008	RR_60	0.976615286	0.7604456	1.152321830	0.6012229589
##	1611	2675-10006	RR_60	0.957284480	0.7604456	0.644350362	0.9620923327
##	1612	1302-10170	RR_60	0.998501873	0.7604456	2.800739045	0.9486437348
##	1613	2136-10005	RR_60	0.292341071	-1.3148842	-1.138529889	0.1189709283
##	1614	1247-10001	RR_60	0.889904251	0.7604456	0.395344740	1.2320211820
##	1615	2383-10027	RR_60	0.893403218	0.7604456	-0.271990326	1.0704809412
##	1616	2383-10018	RR_60	0.800331467	0.7604456	-0.854663480	0.2667816179
##	1617	2429-10017	RR_60	0.961303228	0.7604456	0.146339119	1.0408986268
##	1618	1510-10015	RR_60	0.930889735	0.7604456	1.366466665	0.9995057577
##	1619	2383-10026	RR_60	0.900468957	0.7604456	0.410285078	0.5214381503

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## 1620 1302-10409 RR_60 0.996223557 0.7604456 1.326625765 1.1489310034
## 1621 1439-10001 RR_60 0.587818792 -1.3148842 0.011876083 -0.6672898493
## 1622 1281-10003 RR_60 0.858586104 0.7604456 -0.117606840 0.9176838004
## 1623 2449-10068 RR_60 0.960263340 0.7604456 0.320643054 1.0267640890
## 1624 2361-10007 RR_60 0.127909007 0.7604456 -0.057845491 -0.1047982956
## 1625 1186-10012 RR_60 0.848403274 0.7604456 0.076617545 0.5464946143
## 1626 2398-10133 RR_60 0.969530175 0.7604456 0.320643054 1.2110965365
## 1627 1480-10006 RR_60 0.609795932 -1.3148842 0.231001030 -1.1251172535
## 1628 1186-10015 RR_60 0.870364170 0.7604456 0.450125977 0.6165215380
## 1629 2108-10001 RR_60 0.181040072 -1.3148842 -0.451274373 -1.0337780216
## 1630 1477-10033 RR_60 0.938008802 0.7604456 -0.042905154 0.8615180737
## 1631 2475-10015 RR_60 0.839708999 0.7604456 0.061677207 0.6435105958
## 1632 1063-10007 RR_60 0.934455645 0.7604456 0.176219793 0.8414066214
## 1633 1209-10011 RR_60 0.828472608 0.7604456 -0.047885266 0.6521028444
## 1634 2398-10049 RR_60 0.957547587 0.7604456 -0.286930663 0.9633732096
## 1635 1104-10006 RR_60 0.542117249 -1.3148842 0.086577770 -1.3491589361
## 1636 1281-10001 RR_60 0.882404662 0.7604456 0.778813398 0.8818839613
## 1637 1298-10039 RR_60 0.933382940 0.7604456 0.061677207 1.1376488472
## 1638 2518-10019 RR_60 0.682045124 -1.3148842 0.350523728 -0.7478637377
## 1639 2449-10022 RR_60 0.931708589 0.7604456 -0.122586953 0.5951529613
## 1640 1531-10005 RR_60 0.554551564 -1.3148842 0.216060693 -1.5258389631
## 1641 2398-10076 RR_60 0.966641124 0.7604456 -0.092706278 1.1436380566
## 1642 1114-10001 RR_60 0.536728437 -1.3148842 -0.192308527 -1.5852462125
## 1643 1281-10002 RR_60 0.794527750 0.7604456 -0.660439095 0.7998013677
## 1644 2360-10020 RR_60 0.305511849 -1.3148842 0.290762379 -1.2742912770
## 1645 1193-10006 RR_60 0.923560499 0.7604456 0.046736870 1.1016890404
## 1646 2596-10001 RR_60 0.249961579 0.7604456 -0.366612462 0.4308265640
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## 1647 1297-10003 RR_60 0.836880886 0.7604456 0.335583391 0.7833669372
## 1648 1115-10006 RR_60 0.906649981 0.7604456 -0.361632349 0.5307082183
## 1649 1460-10030 RR_60 0.708753473 -1.3148842 0.504907214 -1.2354460840
## 1650 1252-10014 RR_60 0.766829055 0.7604456 -0.147487515 0.5408065491
## 1651 2449-10044 RR_60 0.954618289 0.7604456 0.435185640 0.7857174692
## 1652 1394-10012 RR_60 0.855344452 0.7604456 0.699131599 0.9340471439
## 1653 1374-10008 RR_60 0.230002782 -1.3148842 -0.595697634 -1.4869773698
## 1654 1230-10005 RR_60 0.919035330 0.7604456 0.181199906 1.0304066577
## 1655 1575-10005 RR_60 0.844709020 0.7604456 0.405304965 0.9226202443
## 1656 1452-10008 RR_60 0.937514472 0.7604456 -0.276970438 0.8789746169
## 1657 2447-10006 RR_60 0.188504025 0.7604456 -0.396493136 -0.5782230759
## 1658 1410-10007 RR_60 0.835414598 0.7604456 -0.008044367 0.7952338966
## 1659 1771-10013 RR_60 0.204896523 -1.3148842 -0.336731787 -1.1227904943
## 1660 1233-10017 RR_60 0.905109411 0.7604456 -0.142507402 0.5021907059
## 1661 1062-10011 RR_60 0.918281698 0.7604456 -0.162427852 0.6131524055
## 1662 2707-10001 RR_60 0.103512446 0.7604456 -0.964225954 -0.1092314796
## 1663 2916-10001 RR_60 0.213411911 -1.3148842 0.056697095 -0.9369769575
## 1664 2615-10006 RR_60 0.918662482 0.7604456 -0.003064254 0.6265779214
## 1665 1662-10001 RR_60 0.203355586 -1.3148842 -0.182348302 -1.3990931512
## 1666 2986-10001 RR_60 0.156023323 -1.3148842 -0.640518646 -1.2336909200
## 1667 2543-10004 RR_60 0.161592035 0.7604456 -0.316811337 0.1679596830
## 1668 1582-10002 RR_60 0.141161687 0.7604456 -0.336731787 0.1726024818
## 1669 1873-10003 RR_60 0.251569645 -1.3148842 -0.142507402 -0.7289122387
## 1670 1744-10010 RR_60 0.199241429 -1.3148842 -0.720200444 -1.3201652608
## 1671 2346-10001 RR_60 0.210826601 0.7604456 0.151319231 -0.2864650025
## 1672 2759-10001 RR_60 0.131196947 0.7604456 -0.212228976 -0.3400968469
## 1673 2820-10005 RR_60 0.137578661 0.7604456 0.290762379 -0.3796383217
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## 1674 2608-10019 RR_60 0.284464419 -1.3148842 0.425225415 -1.6052464290
## 1675 1589-10010 RR_60 0.282968639 -1.3148842 -0.525976060 -0.7465690858
## 1676 1594-10003 RR_60 0.110112665 0.7604456 -1.118609439 -0.0956195483
## 1677 2914-10003 RR_60 0.175004773 -1.3148842 -1.019007190 -1.0856152277
## 1678 1308-10010 RR_60 0.153095980 -1.3148842 -0.774981681 -1.2742783713
## 1679 2844-10002 RR_60 0.159521945 -1.3148842 -0.491115273 -1.0861222912
## 1680 2374-10001 RR_60 0.173996429 0.7604456 -1.118609439 0.3619548874
## 1681 1459-10070 RR_60 0.721774594 0.7604456 -0.361632349 -0.5361204693
## 1682 2430-10001 RR_60 0.437946574 0.7604456 1.062679806 0.3596333260
## 1683 2602-10001 RR_60 0.275498668 0.7604456 -1.272992924 -0.5970686822
## 1684 2181-10012 RR_60 0.325074979 0.7604456 -1.900487091 -0.3829494976
## 1685 2615-10014 RR_60 0.640537898 0.7604456 -0.411433474 -0.7612068789
## 1686 1706-10001 RR_60 0.901680921 0.7604456 -0.132547177 -0.4784617574
## 1687 1265-10002 RR_60 0.272784108 0.7604456 -0.326771562 1.1499479432
## 1688 2269-10002 RR_60 0.551753317 0.7604456 0.768853173 0.0353079828
## 1689 2540-10001 RR_60 0.356979735 0.7604456 -0.735140782 -0.5117343503
## 1690 2116-10003 RR_60 0.827053204 0.7604456 -0.376572687 0.6224858653
## 1691 1898-10006 RR_60 0.332870390 0.7604456 0.350523728 0.4343772339
## 1692 1302-10354 RR_60 0.972398013 -1.3148842 -0.799882243 -0.1315470203
## 1693 1395-10010 RR_60 0.647983854 -1.3148842 -1.462237197 -1.1365257709
## 1694 1372-10020 RR_60 0.437767218 -1.3148842 -0.595697634 -1.8602813912
## 1695 1207-10049 RR_60 0.665164473 -1.3148842 0.773833285 -0.5393878092
## 1696 2913-10009 RR_60 0.563800407 -1.3148842 1.774835884 -1.0559286140
## 1697 1302-10397 RR_60 0.889718201 -1.3148842 -0.117606840 -1.5498838566
## 1698 1460-10031 RR_60 0.666741145 -1.3148842 -0.994106628 -0.4554133075
## 1699 1422-10019 RR_60 0.812384630 0.7604456 -0.237129539 0.8651772665
## 1700 2534-10003 RR_60 0.881917127 0.7604456 0.838574747 0.2495852222
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## 1701 1036-10005 RR_60 0.608016510 0.7604456 0.470046427 0.5736332549
## 1702 1647-10008 RR_60 0.746770774 0.7604456 -0.760041344 1.0806209687
## 1703 1171-10003 RR_60 0.782713785 0.7604456 -1.223191800 0.8763929235
## 1704 2242-10002 RR_60 0.707247604 0.7604456 0.156299344 0.4448540074
## 1705 1071-10001 RR_60 0.848908946 0.7604456 1.495949588 -0.1137575237
## 1706 2571-10030 RR_60 0.919307530 0.7604456 1.331605878 0.8180220347
## 1707 2528-10001 RR_60 0.566350620 0.7604456 0.166259568 0.7660544159
## 1708 1358-10005 RR_60 0.753099470 0.7604456 1.256904191 -0.5009061224
## 1709 2345-10006 RR_60 0.939229675 0.7604456 0.216060693 1.0687160827
## 1710 1111-10005 RR_60 0.926570834 0.7604456 -0.057845491 0.9019221641
## 1711 2181-10004 RR_60 0.201439911 -1.3148842 -1.691322369 -1.0331224622
## 1712 1183-10005 RR_60 0.118952641 -1.3148842 -0.605657859 -1.9896900805
## 1713 1453-10019 RR_60 0.211856854 -1.3148842 -0.192308527 -1.7393975509
## 1714 2896-10003 RR_60 0.081871349 -1.3148842 -0.107646615 -0.6609350334
## 1715 1444-10010 RR_60 0.433625744 -1.3148842 0.435185640 -0.3607768509
## 1716 1589-10010 RR_60 0.282968639 -1.3148842 -0.525976060 -0.7465690858
## 1717 2121-10003 RR_60 0.084386207 -1.3148842 -0.032944929 -1.0081583539
## 1718 1206-10007 RR_60 0.690245883 -1.3148842 1.640372848 -1.3784636575
## 1719 1464-10026 RR_60 0.167837601 -1.3148842 -1.297893487 -0.0116782564
## 1720 2939-10001 RR_60 0.088057786 -1.3148842 -1.502078096 -0.0812132057
## 1721 2014-10001 RR_60 0.119094340 -1.3148842 -0.630558421 -0.6163424688
## 1722 1725-10003 RR_60 0.034032434 -1.3148842 -1.143510001 -0.3773372035
## 1723 1437-10006 RR_60 0.616853268 -1.3148842 -0.979166291 -0.5440091392
## 1724 1464-10027 RR_60 0.171986669 -1.3148842 -0.954265729 -0.5361204693
## 1725 1650-10003 RR_60 0.739327024 0.7604456 -0.844703255 0.5547346211
## 1726 2286-10033 RR_60 0.973854922 0.7604456 0.858495197 1.1194166697
## 1727 2621-10006 RR_60 0.951844125 0.7604456 0.166259568 1.0576401211
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##	1728	2383-10011	RR_60	0.779185371	0.7604456	-1.536938883	0.6654858771
##	1729	1645-10004	RR_60	0.772408532	0.7604456	-0.974186179	0.6396600622
##	1730	2225-10001	RR_60	0.952162780	0.7604456	0.370444178	1.2772334000
##	1731	2510-10094	RR_60	0.988396810	0.7604456	2.262886902	0.8989329069
##	1732	2775-10001	RR_60	0.884972575	0.7604456	-1.168410563	1.2547938687
##	1733	1092-10002	RR_60	0.843362287	0.7604456	0.131398781	-0.5677311765
##	1734	2510-10010	RR_60	0.958249460	0.7604456	-0.426373811	0.5258501138
##	1735	1302-10382	RR_60	0.996238566	0.7604456	1.082600256	1.0627194313
##	1736	1500-10010	RR_60	0.926556658	0.7604456	-0.321791450	-1.0412585627
##	1737	1464-10037	RR_60	0.945895375	0.7604456	0.733992386	1.3378525132
##	1738	1452-10017	RR_60	0.867940246	0.7604456	-1.033947528	0.9082402302
##	1739	1460-10013	RR_60	0.954210723	0.7604456	-1.058848090	1.2582037310
##	1740	2967-10008	RR_60	0.978133652	0.7604456	1.102520706	1.1994512672
##	1741	1376-10015	RR_60	0.475625239	0.7604456	1.032799132	-0.0086475249
##	1742	2249-10002	RR_60	0.869108055	0.7604456	0.963077558	-0.2798469364
##	1743	2705-10001	RR_60	0.220422878	0.7604456	-1.123589552	0.4190088621
##	1744	2171-10001	RR_60	0.567665304	0.7604456	-1.621600795	1.0878981509
##	1745	1995-10098	RR_60	0.824314419	0.7604456	2.223046003	0.0814913002
##	1746	2762-10001	RR_60	0.200708756	0.7604456	-2.020009789	0.0347722158
##	1747	1589-10013	RR_60	0.406355172	0.7604456	-0.391513024	-0.3742614782
##	1748	2706-10006	RR_60	0.531899098	0.7604456	-0.013024479	-0.5765207827
##	1749	2566-10004	RR_60	0.834170006	0.7604456	0.101518107	0.9936221832
##	1750	1314-10006	RR_60	0.796257316	-1.3148842	1.396347339	0.1893040868
##	1751	2373-10001	RR_60	0.295074606	0.7604456	-0.177368189	0.1607747660
##	1752	1583-10004	RR_60	0.392026624	-1.3148842	-0.974186179	-0.2621185960
##	1753	1564-10010	RR_60	0.750766406	-1.3148842	1.690173973	-0.5057808201
##	1754	1424-10017	RR_60	0.518741569	-1.3148842	0.051716983	-1.6975000207

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## 1755 1126-10006 RR_60 0.750397110 -1.3148842 1.187182617 -0.4492710819
## 1756 2378-10009 RR_60 0.698570661 -1.3148842 3.308710513 -1.8826109220
## 1757 1302-10393 RR_60 0.984512830 -1.3148842 2.098543192 -0.1057841762
## 1758 2286-10059 RR_60 0.678358161 -1.3148842 1.939179594 -1.7686561587
## 1759 2807-10007 RR_60 0.896060620 0.7604456 0.973037783 0.7143151714
## 1760 2665-10009 RR_60 0.930694325 0.7604456 1.695154085 0.7126485840
## 1761 2552-10006 RR_60 0.937349748 0.7604456 0.036776645 1.1969760680
## 1762 1075-10006 RR_60 0.777449704 0.7604456 -1.502078096 0.7153016071
## 1763 1553-10008 RR_60 0.786088711 0.7604456 -1.098688989 0.7212294118
## 1764 2548-10004 RR_60 0.931368162 0.7604456 0.709091824 1.0078329044
## 1765 2448-10015 RR_60 0.916377682 0.7604456 0.425225415 0.8734015779
## 1766 2682-10001 RR_60 0.849429646 0.7604456 0.166259568 0.9938419709
## 1767 2413-10012 RR_60 0.868590140 0.7604456 -0.555856734 1.1816706129
## 1768 2286-10037 RR_60 0.796716212 -1.3148842 -0.242109651 0.3123861966
## 1769 2413-10014 RR_60 0.950541013 0.7604456 1.132401380 1.2530355791
## 1770 2418-10010 RR_60 0.670641312 0.7604456 -1.093708877 0.8675933726
## 1771 1026-10011 RR_60 0.734147056 -1.3148842 2.442170950 -1.1000503279
## 1772 2448-10028 RR_60 0.458390925 -1.3148842 0.350523728 -1.7998642060
## 1773 1012-10008 RR_60 0.370932610 -1.3148842 0.828614522 -0.9162180839
## 1774 1314-10017 RR_60 0.636032629 -1.3148842 1.291764978 -0.4580957887
## 1775 1206-10001 RR_60 0.459421668 -1.3148842 0.255901592 -1.6633669200
## 1776 1206-10005 RR_60 0.614016655 -1.3148842 0.370444178 -1.0490527574
## 1777 2267-10011 RR_60 0.274517892 -1.3148842 0.295742492 -1.7745813773
## 1778 2613-10018 RR_60 0.544596243 -1.3148842 -0.291910775 -0.1939610023
## 1779 2269-10012 RR_60 0.733001947 -1.3148842 1.396347339 -1.5299051904
## 1780 2000-10001 RR_60 0.270351232 -1.3148842 2.153324429 -0.4719864562
## 1781 2515-10019 RR_60 0.608231247 -1.3148842 2.551733424 -1.4469697323
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## 1782 1008-10006 RR_60 0.316357173 -1.3148842 1.466068913 -1.9425459396
## 1783 1542-10006 RR_60 0.532995419 -1.3148842 0.051716983 -1.2802977843
## 1784 3038-10001 RR_60 0.134071298 -1.3148842 -0.869603817 -0.8105684919
## 1785 1459-10015 RR_60 0.972646958 0.7604456 0.584589013 1.0625123379
## 1786 2510-10046 RR_60 0.964836666 0.7604456 -0.013024479 1.2763001128
## 1787 1044-10013 RR_60 0.934630070 0.7604456 0.176219793 1.3650787142
## 1788 2429-10027 RR_60 0.963749572 0.7604456 0.006895971 0.9326806324
## 1789 1063-10012 RR_60 0.959401421 0.7604456 0.305702717 1.2359616613
## 1790 1718-10001 RR_60 0.883670789 0.7604456 -0.610637971 1.1164623428
## 1791 1233-10008 RR_60 0.941390874 0.7604456 0.156299344 0.7150878530
## 1792 2534-10001 RR_60 0.787469651 0.7604456 -0.730160669 -0.1810073125
## 1793 2286-10026 RR_60 0.961276533 0.7604456 -0.172388077 1.2861016838
## 1794 2510-10057 RR_60 0.974048071 0.7604456 0.783793510 1.0612458033
## 1795 2282-10036 RR_60 0.961249307 0.7604456 -0.013024479 1.1852864816
## 1796 2670-10020 RR_60 0.958736173 0.7604456 0.141359006 1.0283616939
## 1797 1995-10050 RR_60 0.919704062 0.7604456 1.451128576 1.4068776283
## 1798 2664-10013 RR_60 0.920746542 0.7604456 -0.590717521 0.3317594368
## 1799 1311-10014 RR_60 0.973609856 0.7604456 1.002918457 1.4062998256
## 1800 1460-10001 RR_60 0.897870793 0.7604456 -1.397495735 1.1800858811
## 1801 2181-10005 RR_70 0.591133613 0.7604456 -1.621600795 0.0453028071
## 1802 1302-10265 RR_70 0.998296199 0.7604456 0.295742492 1.1071344782
## 1803 2448-10007 RR_70 0.956395320 0.7604456 0.634390137 -0.0306254562
## 1804 1865-10001 RR_70 0.599935158 0.7604456 -0.316811337 -0.1562335635
## 1805 1229-10014 RR_70 0.868129477 0.7604456 -1.218211688 0.8955272984
## 1806 1298-10013 RR_70 0.749934252 -1.3148842 -1.123589552 -0.9180471210
## 1807 2266-10005 RR_70 0.954651574 0.7604456 1.730014872 0.4751450645
## 1808 2719-10006 RR_70 0.950170727 0.7604456 -0.341711900 1.0123621064
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## 1809 1132-10009 RR_70 0.693953639 0.7604456 -0.520995947 0.0008403106
## 1810 1116-10007 RR_70 0.372643084 -1.3148842 0.141359006 -1.3386117848
## 1811 2651-10001 RR_70 0.521487973 0.7604456 -1.417416185 0.2664080299
## 1812 1711-10001 RR_70 0.968831613 0.7604456 1.047739469 0.5909944471
## 1813 2126-10002 RR_70 0.926064733 0.7604456 -0.062825603 0.4138087979
## 1814 2534-10001 RR_70 0.887046533 0.7604456 -0.730160669 -0.1810073125
## 1815 1424-10006 RR_70 0.521314792 -1.3148842 1.107500818 -1.8006104227
## 1816 2461-10025 RR_70 0.864353065 0.7604456 0.355503841 -0.0509790888
## 1817 2820-10002 RR_70 0.833364780 0.7604456 0.380404403 0.8776407420
## 1818 1268-10013 RR_70 0.813787711 0.7604456 -0.899484492 0.7229112541
## 1819 1826-10001 RR_70 0.399651835 -1.3148842 1.744955210 -1.0458591663
## 1820 2084-10004 RR_70 0.508309757 -1.3148842 0.594549238 -0.9340782104
## 1821 1287-10004 RR_70 0.778313189 0.7604456 -0.127567065 0.6807123028
## 1822 1867-10004 RR_70 0.970586176 0.7604456 0.644350362 0.9952058400
## 1823 2664-10001 RR_70 0.665543869 -1.3148842 -0.809842468 -0.5373604248
## 1824 2734-10001 RR_70 0.978184118 0.7604456 0.081597657 0.5219778219
## 1825 2425-10022 RR_70 0.926439932 0.7604456 1.022838907 0.0014617142
## 1826 2829-10030 RR_70 0.959536970 0.7604456 0.748932723 0.2192173893
## 1827 1486-10013 RR_70 0.640391638 -1.3148842 1.914279032 -1.7652038326
## 1828 1650-10010 RR_70 0.524444885 -1.3148842 -1.038927640 -0.0900358292
## 1829 2395-10020 RR_70 0.988102750 0.7604456 2.058702293 1.0471818238
## 1830 2259-10004 RR_70 0.929457700 0.7604456 0.186180018 1.0256831177
## 1831 2475-10010 RR_70 0.841011994 0.7604456 -0.770001569 0.1505432756
## 1832 1459-10033 RR_70 0.722672290 -1.3148842 -0.072785828 -1.3048127790
## 1833 1437-10008 RR_70 0.620695748 -1.3148842 -1.058848090 -0.6696541369
## 1834 1135-10015 RR_70 0.940890766 0.7604456 0.355503841 0.8200189297
## 1835 1030-10003 RR_70 0.496346016 0.7604456 -0.814822581 1.0810434131
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## 1836 2323-10019 RR_70 0.981117890 0.7604456 1.336585990 0.9860603479
## 1837 1444-10010 RR_70 0.618717496 -1.3148842 0.435185640 -0.3607768509
## 1838 2727-10001 RR_70 0.912058659 0.7604456 -0.187328414 1.3229890866
## 1839 1401-10001 RR_70 0.810304121 0.7604456 -0.336731787 1.3976594332
## 1840 1175-10001 RR_70 0.926194556 0.7604456 0.923236658 0.9616367497
## 1841 1389-10001 RR_70 0.352777036 -1.3148842 -0.451274373 -1.5211409506
## 1842 1451-10006 RR_70 0.811751228 -1.3148842 0.574628788 -0.6434932264
## 1843 1219-10004 RR_70 0.847973597 0.7604456 -0.954265729 0.1584016855
## 1844 2510-10075 RR_70 0.981554567 0.7604456 -1.228171913 1.2970390907
## 1845 1395-10012 RR_70 0.754681629 -1.3148842 -0.411433474 -1.8600321753
## 1846 1302-10142 RR_70 0.996950128 0.7604456 -0.919404942 0.5467633645
## 1847 1391-10015 RR_70 0.901967833 0.7604456 0.021836308 1.2092594685
## 1848 1535-10006 RR_70 0.924929330 0.7604456 -0.934345279 0.6371372988
## 1849 1473-10004 RR_70 0.549615938 -1.3148842 -0.695299882 -1.4981016033
## 1850 1199-10007 RR_70 0.941044449 0.7604456 -0.471194823 1.0530797215
## 1851 2493-10015 RR_70 0.957251309 0.7604456 1.291764978 0.3588867622
## 1852 1344-10004 RR_70 0.526555776 -1.3148842 -0.351672124 -1.3469291151
## 1853 1437-10011 RR_70 0.953353435 0.7604456 -0.237129539 0.6365020706
## 1854 1610-10001 RR_70 0.536881140 -1.3148842 -0.535936284 -0.4397494733
## 1855 1302-10192 RR_70 0.996635795 0.7604456 -1.163430451 1.0442724982
## 1856 1086-10001 RR_70 0.962146579 0.7604456 -0.959245841 1.0527293730
## 1857 1083-10001 RR_70 0.159310212 0.7604456 -0.595697634 0.3747699063
## 1858 2657-10010 RR_70 0.876787551 0.7604456 0.166259568 0.1371063222
## 1859 2510-10132 RR_70 0.993559326 0.7604456 1.899338695 1.0067221354
## 1860 1452-10020 RR_70 0.895429621 0.7604456 0.106498219 0.7944803813
## 1861 2286-10010 RR_70 0.984141740 0.7604456 0.031796533 1.1209420161
## 1862 1004-10010 RR_70 0.439001200 0.7604456 1.361486552 -0.4586593807
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## 1863 1460-10014 RR_70 0.971286607 0.7604456 -0.127567065 0.6817189572
## 1864 1091-10003 RR_70 0.726112781 0.7604456 -0.476174935 -1.0495790897
## 1865 1096-10001 RR_70 0.828837021 0.7604456 1.481009251 -0.1600445170
## 1866 2282-10013 RR_70 0.989213023 0.7604456 0.958097445 1.1889417355
## 1867 2198-10005 RR_70 0.865424765 -1.3148842 -1.960248440 0.5198288012
## 1868 2323-10009 RR_70 0.975082387 0.7604456 -0.959245841 1.3600437206
## 1869 2286-10002 RR_70 0.971497500 0.7604456 -1.362634948 1.1591365573
## 1870 1477-10018 RR_70 0.973044788 0.7604456 -0.809842468 1.1447256671
## 1871 1459-10049 RR_70 0.938418283 0.7604456 0.096537994 0.2994100414
## 1872 1510-10016 RR_70 0.971160920 0.7604456 0.908296321 0.8935993887
## 1873 2571-10007 RR_70 0.414045993 -1.3148842 0.021836308 -1.9101698429
## 1874 1430-10008 RR_70 0.849118615 0.7604456 -0.555856734 0.3454869892
## 1875 1133-10005 RR_70 0.665617394 -1.3148842 -0.341711900 -1.2361214146
## 1876 2164-10024 RR_70 0.634796524 -1.3148842 -0.202268752 -0.6233604087
## 1877 2775-10005 RR_70 0.778414955 0.7604456 0.729012273 0.4837301755
## 1878 2385-10001 RR_70 0.881219270 0.7604456 0.888375871 1.2398749137
## 1879 2788-10011 RR_70 0.990079404 0.7604456 1.789776221 0.2171075337
## 1880 1006-10007 RR_70 0.854212973 0.7604456 -0.237129539 0.9550054859
## 1881 1302-10038 RR_70 0.999239492 0.7604456 2.641375447 0.8582078916
## 1882 2590-10003 RR_70 0.698062854 -1.3148842 -0.341711900 -1.2825979770
## 1883 1372-10006 RR_70 0.966870563 0.7604456 -1.028967415 0.5906653417
## 1884 1010-10001 RR_70 0.934289987 0.7604456 1.227023517 1.3687386818
## 1885 1995-10061 RR_70 0.985730951 0.7604456 0.997938345 1.2676284552
## 1886 1650-10007 RR_70 0.944491181 0.7604456 -0.182348302 0.7485320459
## 1887 1212-10002 RR_70 0.916825026 0.7604456 -0.496095385 0.7436958122
## 1888 1452-10019 RR_70 0.923326524 0.7604456 0.380404403 1.0240641991
## 1889 1219-10004 RR_70 0.847973597 0.7604456 -0.954265729 0.1584016855
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##	1890	2163-10003	RR_70	0.441096938	0.7604456	-2.159452937	0.9863695713
##	1891	2398-10023	RR_70	0.992572711	0.7604456	1.217063292	1.2692378394
##	1892	2372-10001	RR_70	0.359777565	0.7604456	0.315662941	-1.1498490993
##	1893	2433-10003	RR_70	0.732123211	0.7604456	0.166259568	0.6029773927
##	1894	2084-10006	RR_70	0.909480749	0.7604456	-0.127567065	0.9277002822
##	1895	1536-10014	RR_70	0.819379442	-1.3148842	-1.098688989	0.1868351965
##	1896	2599-10003	RR_70	0.839952565	0.7604456	0.509887326	0.7171008282
##	1897	2211-10003	RR_70	0.901494530	0.7604456	0.395344740	0.2975413679
##	1898	2621-10001	RR_70	0.969947261	0.7604456	-0.730160669	1.0748783309
##	1899	1302-10029	RR_70	0.997019425	0.7604456	0.813674185	0.5691997233
##	1900	1393-10008	RR_70	0.893076217	0.7604456	1.276824641	0.8817680325
##	1901	2233-10001	RR_70	0.931673733	0.7604456	-0.326771562	0.6880971193
##	1902	2271-10001	RR_70	0.798916142	0.7604456	-0.117606840	0.5135125837
##	1903	2820-10004	RR_70	0.619161585	0.7604456	0.958097445	0.2304186158
##	1904	2590-10019	RR_70	0.923133463	0.7604456	0.609489575	0.2619779690
##	1905	1670-10001	RR_70	0.952265415	-1.3148842	-0.341711900	0.5951529613
##	1906	2398-10014	RR_70	0.989352456	0.7604456	0.475026539	1.1339187936
##	1907	2534-10030	RR_70	0.754225032	-1.3148842	3.990985916	-1.9844949479
##	1908	2829-10033	RR_70	0.976720136	0.7604456	1.535790487	0.7416855823
##	1909	1645-10006	RR_70	0.943206521	0.7604456	-1.377575286	1.2288041500
##	1910	1536-10008	RR_70	0.861538414	-1.3148842	-0.301871000	0.0398796133
##	1911	2191-10011	RR_70	0.902734897	0.7604456	-0.959245841	0.3600107968
##	1912	1212-10003	RR_70	0.850095377	0.7604456	-0.570797072	1.0260288574
##	1913	1302-10156	RR_70	0.970460710	-1.3148842	-0.844703255	-1.5187793753
##	1914	2755-10004	RR_70	0.961826068	0.7604456	0.475026539	1.0521928216
##	1915	1065-10008	RR_70	0.991660136	0.7604456	2.392369826	1.2526347682
##	1916	1549-10002	RR_70	0.721402742	0.7604456	1.217063292	-0.4097931049


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## 1917 2056-10004 RR_70 0.912369007 0.7604456 0.385384515 0.2405904286
## 1918 2967-10039 RR_70 0.963048912 0.7604456 -0.217209089 1.1600024216
## 1919 1456-10024 RR_70 0.973444783 0.7604456 -0.107646615 1.3327758845
## 1920 2156-10004 RR_70 0.794923681 0.7604456 -1.023987303 -0.0673482469
## 1921 1141-10007 RR_70 0.925178433 0.7604456 0.265861817 1.0147873335
## 1922 1207-10052 RR_70 0.966177333 0.7604456 0.061677207 1.0041499941
## 1923 1439-10001 RR_70 0.751408249 -1.3148842 0.011876083 -0.6672898493
## 1924 1281-10003 RR_70 0.927893811 0.7604456 -0.117606840 0.9176838004
## 1925 2986-10006 RR_70 0.381129919 -1.3148842 -0.311831225 -1.0746348884
## 1926 2449-10068 RR_70 0.980849963 0.7604456 0.320643054 1.0267640890
## 1927 2361-10007 RR_70 0.237145549 0.7604456 -0.057845491 -0.1047982956
## 1928 2417-10001 RR_70 0.827559653 -1.3148842 0.529807776 -0.8404812579
## 1929 1186-10012 RR_70 0.922249705 0.7604456 0.076617545 0.5464946143
## 1930 2465-10004 RR_70 0.433652273 -1.3148842 0.121438557 -1.1171773405
## 1931 2398-10133 RR_70 0.985388919 0.7604456 0.320643054 1.2110965365
## 1932 1186-10015 RR_70 0.934340827 0.7604456 0.450125977 0.6165215380
## 1933 1477-10033 RR_70 0.969761916 0.7604456 -0.042905154 0.8615180737
## 1934 2475-10015 RR_70 0.917378177 0.7604456 0.061677207 0.6435105958
## 1935 2827-10001 RR_70 0.554946899 -1.3148842 0.689171374 -1.0061907731
## 1936 1063-10007 RR_70 0.967966602 0.7604456 0.176219793 0.8414066214
## 1937 1138-10026 RR_70 0.746601626 -1.3148842 0.390364628 -1.0412041304
## 1938 1209-10011 RR_70 0.911009384 0.7604456 -0.047885266 0.6521028444
## 1939 2986-10005 RR_70 0.350223736 -1.3148842 -0.351672124 -0.9017483687
## 1940 2398-10049 RR_70 0.979511157 0.7604456 -0.286930663 0.9633732096
## 1941 2370-10001 RR_70 0.311487176 0.7604456 0.181199906 -0.0172317687
## 1942 1104-10006 RR_70 0.715052421 -1.3148842 0.086577770 -1.3491589361
## 1943 1281-10001 RR_70 0.940843082 0.7604456 0.778813398 0.8818839613
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## 1944 1298-10039 RR_70 0.967423221 0.7604456 0.061677207 1.1376488472
## 1945 1379-10014 RR_70 0.899778657 0.7604456 -0.117606840 0.7944917181
## 1946 2449-10022 RR_70 0.966573798 0.7604456 -0.122586953 0.5951529613
## 1947 2335-10001 RR_70 0.330142593 0.7604456 -0.854663480 -0.0610920960
## 1948 1531-10005 RR_70 0.725171272 -1.3148842 0.216060693 -1.5258389631
## 1949 1076-10007 RR_70 0.926247900 0.7604456 0.489966877 0.9883835861
## 1950 2398-10076 RR_70 0.983978695 0.7604456 -0.092706278 1.1436380566
## 1951 1114-10001 RR_70 0.710612431 -1.3148842 -0.192308527 -1.5852462125
## 1952 1281-10002 RR_70 0.891254370 0.7604456 -0.660439095 0.7998013677
## 1953 2360-10020 RR_70 0.482505876 -1.3148842 0.290762379 -1.2742912770
## 1954 1193-10006 RR_70 0.962417802 0.7604456 0.046736870 1.1016890404
## 1955 1381-10025 RR_70 0.656607459 -1.3148842 -0.690319770 -1.3977748085
## 1956 1297-10003 RR_70 0.915782991 0.7604456 0.335583391 0.7833669372
## 1957 1981-10006 RR_70 0.331420431 -1.3148842 -0.844703255 -1.0937060041
## 1958 1115-10006 RR_70 0.953672380 0.7604456 -0.361632349 0.5307082183
## 1959 2480-10003 RR_70 0.327563896 0.7604456 0.509887326 -0.2762996271
## 1960 2449-10044 RR_70 0.978062667 0.7604456 0.435185640 0.7857174692
## 1961 1394-10012 RR_70 0.926104171 0.7604456 0.699131599 0.9340471439
## 1962 1230-10005 RR_70 0.960093565 0.7604456 0.181199906 1.0304066577
## 1963 2535-10001 RR_70 0.378988832 0.7604456 -0.057845491 0.1814935364
## 1964 1452-10008 RR_70 0.969512561 0.7604456 -0.276970438 0.8789746169
## 1965 1233-10017 RR_70 0.952867486 0.7604456 -0.142507402 0.5021907059
## 1966 1062-10011 RR_70 0.959705353 0.7604456 -0.162427852 0.6131524055
## 1967 2424-10001 RR_70 0.250910989 0.7604456 -0.321791450 0.2413699507
## 1968 1662-10004 RR_70 0.326722882 -1.3148842 -0.396493136 -1.3454579296
## 1969 2565-10003 RR_70 0.177764296 0.7604456 -0.799882243 0.0119871000
## 1970 2276-10001 RR_70 0.308786974 0.7604456 0.111478332 -0.5866985814
```

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## 1971 1792-10003 RR_70 0.485890110 -1.3148842 0.240961255 -1.2249846277
## 1972 1792-10004 RR_70 0.501047046 -1.3148842 0.529807776 -1.0400603383
## 1973 2269-10008 RR_70 0.414930116 0.7604456 0.684191261 -0.3741021166
## 1974 1977-10001 RR_70 0.464726289 -1.3148842 0.171239681 -0.6542075925
## 1975 2103-10006 RR_70 0.404939749 -1.3148842 -0.391513024 -1.2256506701
## 1976 1873-10003 RR_70 0.416033746 -1.3148842 -0.142507402 -0.7289122387
## 1977 1345-10006 RR_70 0.293913690 0.7604456 0.335583391 0.2522124333
## 1978 1985-10002 RR_70 0.402629360 -1.3148842 -0.252069876 -0.5322710042
## 1979 2346-10001 RR_70 0.361521013 0.7604456 0.151319231 -0.2864650025
## 1980 1100-10002 RR_70 0.267198620 -1.3148842 -0.680359545 -1.2455916752
## 1981 1146-10002 RR_70 0.607557173 0.7604456 -1.223191800 -0.5289545249
## 1982 1091-10003 RR_70 0.726112781 0.7604456 -0.476174935 -1.0495790897
## 1983 2777-10001 RR_70 0.082054050 0.7604456 -1.282953149 -0.2501273393
## 1984 1476-10003 RR_70 0.688960108 -1.3148842 0.176219793 0.4785814120
## 1985 1836-10001 RR_70 0.847046903 0.7604456 -0.939325392 1.3952392697
## 1986 2448-10036 RR_70 0.921500788 0.7604456 -0.356652237 0.3916699718
## 1987 1596-10001 RR_70 0.523146453 0.7604456 -0.162427852 -0.1861244873
## 1988 1329-10002 RR_70 0.496745739 -1.3148842 0.161279456 -0.7499944479
## 1989 2407-10004 RR_70 0.928452038 0.7604456 0.579608900 0.4754961951
## 1990 2275-10005 RR_70 0.547992228 0.7604456 -0.884544155 0.3805861102
## 1991 1615-10003 RR_70 0.476039467 0.7604456 -0.809842468 0.7975129715
## 1992 2670-10011 RR_70 0.686526047 -1.3148842 -0.446294261 -1.9292928315
## 1993 1362-10003 RR_70 0.713409595 -1.3148842 -0.705260107 -0.4044035862
## 1994 1047-10001 RR_70 0.811081951 -1.3148842 -0.008044367 -0.8733054482
## 1995 1333-10012 RR_70 0.803798273 -1.3148842 -0.157447740 -0.3031895603
## 1996 1138-10024 RR_70 0.660039490 -1.3148842 0.101518107 -1.2784116155
## 1997 1455-10001 RR_70 0.907055592 -1.3148842 0.111478332 -0.7939450370
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## 1998 2819-10009 RR_70 0.652341970 -1.3148842 0.006895971 -0.6086396739
## 1999 1427-10005 RR_70 0.917216206 0.7604456 -2.144512600 1.2163931645
## 2000 1669-10002 RR_70 0.856861890 0.7604456 0.923236658 0.6613958815
## 2001 1203-10001 RR_70 0.632011115 0.7604456 -0.615618083 0.5689961319
## 2002 1302-10003 RR_70 0.994187216 0.7604456 -0.271990326 1.2522768650
## 2003 1199-10012 RR_70 0.944985467 0.7604456 0.315662941 0.9982549089
## 2004 2475-10006 RR_70 0.964753739 0.7604456 1.456108688 0.9871036244
## 2005 1120-10001 RR_70 0.884810469 -1.3148842 -0.252069876 0.4055293828
## 2006 1229-10014 RR_70 0.868129477 0.7604456 -1.218211688 0.8955272984
## 2007 2233-10005 RR_70 0.889019127 0.7604456 0.674231037 1.1422633320
## 2008 2719-10006 RR_70 0.950170727 0.7604456 -0.341711900 1.0123621064
## 2009 1135-10023 RR_70 0.845785388 0.7604456 -0.640518646 -0.2509937528
## 2010 2398-10005 RR_70 0.867790957 0.7604456 -0.436334036 1.0795438542
## 2011 1268-10004 RR_70 0.680372648 -1.3148842 -0.092706278 -0.2525739084
## 2012 1332-10003 RR_70 0.583704912 -1.3148842 -0.735140782 -1.7853842393
## 2013 1006-10006 RR_70 0.532000912 -1.3148842 0.166259568 -1.1334718430
## 2014 2255-10001 RR_70 0.742842974 -1.3148842 0.729012273 -1.1042834295
## 2015 2197-10002 RR_70 0.538356263 -1.3148842 0.211080580 0.0497568299
## 2016 1540-10005 RR_70 0.554075677 -1.3148842 0.006895971 -0.7643781079
## 2017 1119-10001 RR_70 0.329682608 -1.3148842 -0.580757296 -1.7524327354
## 2018 2919-10002 RR_70 0.398489873 -1.3148842 0.011876083 -0.3614634356
## 2019 1765-10001 RR_70 0.202011119 -1.3148842 -0.765021456 -1.2259976632
## 2020 1093-10004 RR_70 0.446197579 -1.3148842 0.654310587 -1.9556456459
## 2021 2655-10001 RR_70 0.083080591 -1.3148842 -2.024989902 -0.7684510059
## 2022 1014-10007 RR_70 0.614932036 -1.3148842 0.923236658 -0.8188575717
## 2023 1100-10005 RR_70 0.327179898 -1.3148842 -0.167407964 -1.7983059256
## 2024 1181-10038 RR_70 0.795491373 -1.3148842 0.320643054 -0.2263781520
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##	2025	2510-10021	RR_70	0.989795646	0.7604456	-0.765021456	1.3247088239
##	2026	2545-10009	RR_70	0.977372666	0.7604456	1.027819019	0.8589664934
##	2027	2145-10005	RR_70	0.953225556	0.7604456	-1.845705854	1.3645529309
##	2028	1444-10009	RR_70	0.951344349	0.7604456	0.499927101	0.9270298419
##	2029	2788-10009	RR_70	0.989755315	0.7604456	1.510889925	1.0335604567
##	2030	1298-10016	RR_70	0.983351352	0.7604456	1.620452399	1.2651808019
##	2031	2615-10012	RR_70	0.956595868	0.7604456	0.584589013	0.1158076230
##	2032	1298-10015	RR_70	0.930852327	0.7604456	-1.078768540	0.7723739592
##	2033	1444-10011	RR_70	0.974104333	0.7604456	2.173244879	0.9250578431
##	2034	2717-10043	RR_70	0.936576946	0.7604456	-0.834743030	1.2228065226
##	2035	1302-10053	RR_70	0.999048390	0.7604456	1.645352961	1.0209510795
##	2036	2644-10046	RR_70	0.942086374	0.7604456	0.738972498	0.0729879698
##	2037	2510-10034	RR_70	0.995612891	0.7604456	2.048742068	1.2817697334
##	2038	1324-10007	RR_70	0.903044617	0.7604456	-0.022984704	-0.5678897430
##	2039	2642-10010	RR_70	0.978827152	0.7604456	0.131398781	0.8107915943
##	2040	1514-10001	RR_70	0.953540351	0.7604456	-1.033947528	0.5047986025
##	2041	2314-10003	RR_70	0.637268583	0.7604456	1.167262167	-0.7284589178
##	2042	2644-10065	RR_70	0.751845393	-1.3148842	1.077620144	-0.4340958121
##	2043	2116-10003	RR_70	0.910198946	0.7604456	-0.376572687	0.6224858653
##	2044	2142-10003	RR_70	0.616957040	0.7604456	-0.132547177	0.5097862624
##	2045	1169-10001	RR_70	0.852579160	-1.3148842	0.609489575	-0.1176014283
##	2046	1697-10001	RR_70	0.974208889	0.7604456	3.717079733	0.0675498924
##	2047	2819-10010	RR_70	0.696465070	0.7604456	-0.411433474	-0.1399666876
##	2048	2153-10002	RR_70	0.638847110	0.7604456	-1.452276972	0.7114024492
##	2049	2385-10003	RR_70	0.670652185	0.7604456	0.121438557	0.8978508331
##	2050	2156-10007	RR_70	0.520486390	0.7604456	-0.979166291	-0.0580311240
##	2051	1078-10003	RR_70	0.782440990	-1.3148842	-0.042905154	1.0972135124

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## 2052 1146-10013 RR_70 0.530958606 -1.3148842 -0.177368189 -1.6151897818
## 2053 2190-10010 RR_70 0.752609869 -1.3148842 -0.814822581 -0.8886603481
## 2054 2642-10025 RR_70 0.924086807 -1.3148842 0.858495197 0.1628049181
## 2055 2282-10008 RR_70 0.925419366 -1.3148842 -0.306851113 0.0062619715
## 2056 2515-10006 RR_70 0.698045563 -1.3148842 -0.008044367 -0.8995337291
## 2057 1464-10039 RR_70 0.551809996 -1.3148842 0.201120355 -1.3026384055
## 2058 2716-10013 RR_70 0.729476935 -1.3148842 0.051716983 -0.7196706632
## 2059 2708-10005 RR_70 0.932074557 0.7604456 0.196140243 1.0374032522
## 2060 1186-10010 RR_70 0.961639383 0.7604456 0.046736870 1.2099007640
## 2061 1211-10015 RR_70 0.876065883 0.7604456 -0.262030101 0.5452881175
## 2062 1302-10197 RR_70 0.996222389 0.7604456 1.351526327 0.8566484791
## 2063 2353-10003 RR_70 0.937129775 0.7604456 0.430205527 1.0390742805
## 2064 1111-10002 RR_70 0.973534220 0.7604456 1.809696671 0.3000485199
## 2065 2265-10001 RR_70 0.601849398 0.7604456 -1.193311126 0.8758519618
## 2066 1036-10001 RR_70 0.727052669 0.7604456 -0.132547177 0.4324831779
## 2067 2636-10004 RR_70 0.855736430 0.7604456 1.117461043 0.4859923063
## 2068 1145-10015 RR_70 0.947581212 0.7604456 -0.112626728 1.2234518263
## 2069 1109-10007 RR_70 0.753668066 0.7604456 0.216060693 0.7229112541
## 2070 1589-10002 RR_70 0.870875444 0.7604456 0.285782267 0.3710760989
## 2071 1041-10005 RR_70 0.654860881 -1.3148842 1.660293298 -1.1947323057
## 2072 2983-10001 RR_70 0.158756912 -1.3148842 0.599529350 -0.7006237660
## 2073 1351-10011 RR_70 0.677498364 -1.3148842 -0.326771562 -0.5414307711
## 2074 1714-10006 RR_70 0.622341807 -1.3148842 2.496952187 -1.3462964652
## 2075 1988-10001 RR_70 0.230738986 -1.3148842 -0.446294261 -1.4874890297
## 2076 1431-10009 RR_70 0.727718589 -1.3148842 0.295742492 -0.6284074892
## 2077 1181-10005 RR_70 0.845816766 -1.3148842 1.167262167 -0.1070946081
## 2078 1551-10009 RR_70 0.533562353 -1.3148842 -0.092706278 -1.1950542661
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## 2079 1209-10009 RR_70 0.779527150 -1.3148842 1.157301943 -1.3047768659
## 2080 1188-10004 RR_70 0.751366612 -1.3148842 1.500929700 -1.4089565870
## 2081 2331-10006 RR_70 0.479884128 -1.3148842 0.071637432 -1.1280298649
## 2082 3041-10006 RR_70 0.400986397 -1.3148842 -0.087726166 -1.5367231539
## 2083 1803-10002 RR_70 0.105820382 -1.3148842 -0.849683368 -0.9250744222
## 2084 1437-10004 RR_70 0.727237907 -1.3148842 -0.486135160 -1.2132682906
## 2085 1510-10029 RR_70 0.949781913 0.7604456 1.585591612 0.5791222350
## 2086 2510-10026 RR_70 0.996341771 0.7604456 1.924239257 1.3247088239
## 2087 1995-10078 RR_70 0.979311707 0.7604456 0.255901592 1.3192742274
## 2088 2788-10024 RR_70 0.990130301 0.7604456 0.534787888 1.2843995693
## 2089 1510-10002 RR_70 0.962869903 0.7604456 -0.416413586 1.1656264325
## 2090 1311-10005 RR_70 0.976686066 0.7604456 0.235981143 1.2700724497
## 2091 1502-10005 RR_70 0.981950949 0.7604456 0.056697095 0.0351457781
## 2092 1510-10013 RR_70 0.976180654 0.7604456 1.107500818 0.9781866394
## 2093 2717-10042 RR_70 0.972497185 0.7604456 0.410285078 1.2305724763
## 2094 1302-10175 RR_70 0.998077992 0.7604456 0.116458444 1.1670730968
## 2095 1302-10078 RR_70 0.998204255 0.7604456 -0.167407964 0.4283301137
## 2096 1372-10031 RR_70 0.963997665 0.7604456 -1.078768540 1.2741350547
## 2097 2398-10104 RR_70 0.993296991 0.7604456 0.614469687 1.1701658038
## 2098 1103-10016 RR_70 0.955628676 0.7604456 1.007898570 0.8571134257
## 2099 2271-10015 RR_70 0.984720363 0.7604456 1.017858794 1.2154471048
## 2100 1302-10010 RR_70 0.997779751 0.7604456 -0.102666503 0.9678996099
## 2101 1643-10003 RR_80 0.676531744 0.7604456 -0.565816959 0.1909030473
## 2102 2064-10003 RR_80 0.708023439 -1.3148842 -1.083748652 -1.4256182063
## 2103 2510-10024 RR_80 0.996105240 0.7604456 -0.177368189 1.2562572814
## 2104 1995-10024 RR_80 0.988222711 0.7604456 -0.411433474 1.2007246828
## 2105 2145-10006 RR_80 0.968955957 0.7604456 -1.392515623 0.8087826712
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## 2106 1463-10011 RR_80 0.863382669 -1.3148842 0.131398781 -1.7607563497
## 2107 1103-10012 RR_80 0.955711198 -1.3148842 1.485989363 -0.6661727234
## 2108 2286-10007 RR_80 0.979546631 0.7604456 -0.286930663 0.5961956416
## 2109 1412-10011 RR_80 0.775287740 -1.3148842 1.157301943 -1.7501231177
## 2110 2567-10018 RR_80 0.996159804 0.7604456 1.824637008 1.1669176106
## 2111 1589-10014 RR_80 0.968140753 0.7604456 1.924239257 0.6492305456
## 2112 1995-10049 RR_80 0.991309145 0.7604456 1.505909813 1.3031468337
## 2113 1424-10021 RR_80 0.827855626 -1.3148842 -0.535936284 -1.5383957408
## 2114 1495-10004 RR_80 0.905265783 0.7604456 0.061677207 0.8317440733
## 2115 1035-10001 RR_80 0.992041919 0.7604456 0.559688451 1.3947801103
## 2116 2475-10003 RR_80 0.977375043 0.7604456 0.460086202 1.0423399134
## 2117 1243-10002 RR_80 0.849436397 0.7604456 -1.611640570 -0.8981555788
## 2118 2755-10008 RR_80 0.984752901 0.7604456 1.202122954 0.8632267783
## 2119 1995-10030 RR_80 0.995353084 0.7604456 2.735997584 1.0960782310
## 2120 1411-10001 RR_80 0.963381884 0.7604456 0.838574747 1.3733255243
## 2121 2636-10001 RR_80 0.857113221 0.7604456 0.689171374 -1.1214589152
## 2122 1246-10001 RR_80 0.956405640 -1.3148842 1.281804753 -0.6679538129
## 2123 1333-10017 RR_80 0.978617977 0.7604456 0.340563504 0.8835918761
## 2124 1207-10018 RR_80 0.943280322 -1.3148842 0.196140243 -0.0920305503
## 2125 1995-10002 RR_80 0.990210505 0.7604456 -0.705260107 1.3951288795
## 2126 1103-10016 RR_80 0.980828350 0.7604456 1.007898570 0.8571134257
## 2127 1178-10008 RR_80 0.972958420 0.7604456 2.053722180 1.0486233273
## 2128 1548-10005 RR_80 0.937761520 0.7604456 0.106498219 0.5632028470
## 2129 2238-10002 RR_80 0.977509223 0.7604456 -0.580757296 1.0304924448
## 2130 1632-10002 RR_80 0.449796780 0.7604456 -1.985149002 0.6989015060
## 2131 2282-10037 RR_80 0.990460549 0.7604456 0.489966877 0.9343748875
## 2132 2665-10010 RR_80 0.987130998 0.7604456 1.416267789 1.1027018153
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## 2133 2181-10011 RR_80 0.827058012 0.7604456 -1.352674723 0.0469086371
## 2134 1478-10016 RR_80 0.949025683 0.7604456 -0.919404942 -0.1469946328
## 2135 2433-10003 RR_80 0.866528907 0.7604456 0.166259568 0.6029773927
## 2136 2665-10013 RR_80 0.983937271 0.7604456 1.276824641 0.9621744197
## 2137 2710-10024 RR_80 0.952769457 0.7604456 1.824637008 -0.2148687004
## 2138 2271-10002 RR_80 0.987039253 0.7604456 0.146339119 1.2662227513
## 2139 1455-10001 RR_80 0.958647519 -1.3148842 0.111478332 -0.7939450370
## 2140 2191-10017 RR_80 0.941036077 -1.3148842 -1.178370788 0.4923540701
## 2141 2130-10011 RR_80 0.805567363 0.7604456 -2.104671701 0.7295583443
## 2142 1275-10002 RR_80 0.663229477 -1.3148842 0.265861817 -0.6073766524
## 2143 1360-10005 RR_80 0.700793368 -1.3148842 0.270841930 -1.3326163734
## 2144 1138-10020 RR_80 0.929708196 0.7604456 -0.097686390 0.1042715930
## 2145 2345-10005 RR_80 0.974375966 0.7604456 -0.167407964 0.5644078762
## 2146 1012-10013 RR_80 0.855139293 0.7604456 -0.306851113 0.0929411963
## 2147 1402-10004 RR_80 0.989084293 0.7604456 -0.027964816 1.3574269363
## 2148 2398-10103 RR_80 0.995572650 0.7604456 -0.710240220 1.3233075614
## 2149 1295-10015 RR_80 0.980896077 -1.3148842 1.371446777 0.5423615229
## 2150 1092-10003 RR_80 0.959562147 -1.3148842 -0.535936284 -0.8311493629
## 2151 2644-10035 RR_80 0.973833817 -1.3148842 1.993960831 -0.1527059834
## 2152 2461-10015 RR_80 0.940875205 0.7604456 -0.037925041 -0.2701476723
## 2153 2419-10005 RR_80 0.762976298 -1.3148842 -0.525976060 -1.9468932015
## 2154 2286-10030 RR_80 0.990385122 0.7604456 -0.486135160 0.9668068875
## 2155 2750-10005 RR_80 0.988190097 0.7604456 0.221040805 1.2178336571
## 2156 1460-10018 RR_80 0.921545181 -1.3148842 -0.396493136 -1.0459489270
## 2157 2461-10034 RR_80 0.790356255 0.7604456 -0.954265729 -0.7864697768
## 2158 1302-10394 RR_80 0.988485118 -1.3148842 0.325623166 -0.9622289503
## 2159 2143-10001 RR_80 0.819607420 -1.3148842 1.241963854 -0.4616630400
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## 2160 1102-10003 RR_80 0.956312038 0.7604456 -0.496095385 0.9882920850
## 2161 1211-10017 RR_80 0.930577473 0.7604456 -0.177368189 0.3160071948
## 2162 2728-10003 RR_80 0.884157572 0.7604456 1.560691050 -0.9069290436
## 2163 2644-10049 RR_80 0.950777682 -1.3148842 -0.346692012 -0.5550602049
## 2164 2461-10013 RR_80 0.972104467 0.7604456 -0.784941906 0.9137126471
## 2165 1382-10001 RR_80 0.982182622 0.7604456 1.560691050 -0.3354384431
## 2166 1302-10169 RR_80 0.999047408 0.7604456 -1.277973037 1.2682656196
## 2167 1302-10326 RR_80 0.998552383 0.7604456 -0.326771562 0.5444075410
## 2168 1530-10004 RR_80 0.763603199 0.7604456 -0.466214710 1.1310232590
## 2169 1302-10310 RR_80 0.994500802 -1.3148842 2.706116909 -1.7088147041
## 2170 2914-10001 RR_80 0.486796520 -1.3148842 -1.427376410 -0.8137126256
## 2171 2207-10011 RR_80 0.558776137 0.7604456 -0.804862356 0.4099752112
## 2172 1395-10011 RR_80 0.888690390 -1.3148842 -0.929365167 -1.8940353019
## 2173 1372-10009 RR_80 0.981655532 0.7604456 -0.934345279 0.6560269557
## 2174 2326-10007 RR_80 0.993365027 0.7604456 1.730014872 1.2525305384
## 2175 2215-10003 RR_80 0.987268454 0.7604456 -1.028967415 1.3384655211
## 2176 1471-10009 RR_80 0.934388797 -1.3148842 -0.157447740 -0.3007900899
## 2177 2323-10009 RR_80 0.989356822 0.7604456 -0.959245841 1.3600437206
## 2178 2554-10005 RR_80 0.862678473 0.7604456 -0.232149426 0.2433958128
## 2179 1412-10005 RR_80 0.711361936 -1.3148842 -0.540916397 -1.2738433296
## 2180 2723-10001 RR_80 0.919170332 0.7604456 -0.242109651 0.7281268548
## 2181 2286-10002 RR_80 0.987799897 0.7604456 -1.362634948 1.1591365573
## 2182 2644-10025 RR_80 0.938103369 -1.3148842 1.794756334 -0.4958361055
## 2183 1302-10062 RR_80 0.998836050 0.7604456 -0.670399320 1.1568471091
## 2184 2461-10030 RR_80 0.952853919 0.7604456 0.166259568 0.3186863458
## 2185 2156-10002 RR_80 0.958850214 0.7604456 -0.889524267 0.4905290641
## 2186 2510-10135 RR_80 0.997196761 0.7604456 0.958097445 1.3178363420
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## 2187 1145-10018 RR_80 0.973299931 0.7604456 -1.004066853 1.0203685393
## 2188 1183-10008 RR_80 0.817950571 0.7604456 0.250921480 -0.8430963968
## 2189 2523-10012 RR_80 0.996278923 0.7604456 1.286784866 1.1760353586
## 2190 2448-10022 RR_80 0.979025554 -1.3148842 0.858495197 -1.0208841912
## 2191 1145-10011 RR_80 0.987043019 0.7604456 2.003921056 1.1877049178
## 2192 2204-10010 RR_80 0.902338007 -1.3148842 -1.387535510 0.0846521165
## 2193 1456-10025 RR_80 0.951277121 0.7604456 -0.814822581 1.2426516840
## 2194 2599-10004 RR_80 0.990989492 0.7604456 -0.072785828 1.0984607146
## 2195 1402-10010 RR_80 0.923956944 0.7604456 0.216060693 -0.7449279418
## 2196 2583-10004 RR_80 0.836628132 0.7604456 -0.107646615 0.7380478344
## 2197 1302-10180 RR_80 0.999052783 0.7604456 -0.107646615 0.6068641382
## 2198 1241-10006 RR_80 0.867697598 0.7604456 0.499927101 0.2266897095
## 2199 2698-10035 RR_80 0.805953924 -1.3148842 0.519847551 -1.8355228363
## 2200 3041-10003 RR_80 0.747720232 -1.3148842 -0.580757296 -0.6827915463
## 2201 2146-10007 RR_80 0.794405375 0.7604456 -2.129572263 1.0943973569
## 2202 2429-10028 RR_80 0.932070364 0.7604456 -0.989126516 1.2763667300
## 2203 1293-10001 RR_80 0.753116375 -1.3148842 0.405304965 -1.3386117848
## 2204 1302-10254 RR_80 0.998171240 0.7604456 -0.869603817 0.9840172649
## 2205 1606-10007 RR_80 0.911222645 0.7604456 0.176219793 0.3742601825
## 2206 1525-10007 RR_80 0.972082607 -1.3148842 1.984000606 -1.1927606635
## 2207 1464-10014 RR_80 0.644491025 -1.3148842 0.021836308 0.0281488265
## 2208 1819-10006 RR_80 0.565185793 -1.3148842 -0.306851113 -1.3740331428
## 2209 1290-10007 RR_80 0.914937825 -1.3148842 -0.122586953 0.1026930547
## 2210 1400-10011 RR_80 0.980718824 0.7604456 -0.167407964 1.0018816608
## 2211 1544-10007 RR_80 0.862081007 0.7604456 1.167262167 -0.2436335276
## 2212 1635-10004 RR_80 0.458799809 -1.3148842 -0.690319770 -1.4598176453
## 2213 1298-10017 RR_80 0.990051029 0.7604456 0.748932723 1.1717405406
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## 2214 1055-10005 RR_80 0.968444022 0.7604456 0.470046427 0.5894497538
## 2215 2064-10001 RR_80 0.406861685 -1.3148842 -1.213231575 -1.0207710517
## 2216 2286-10045 RR_80 0.923823282 -1.3148842 1.152321830 -1.8692737207
## 2217 1264-10001 RR_80 0.464314420 -1.3148842 -0.859643593 -0.4988405027
## 2218 2403-10005 RR_80 0.963702579 0.7604456 0.171239681 0.8215671128
## 2219 2710-10019 RR_80 0.986985869 0.7604456 -0.037925041 0.9072213794
## 2220 2432-10002 RR_80 0.996400868 0.7604456 -0.102666503 1.3428471628
## 2221 2725-10001 RR_80 0.464115808 0.7604456 -0.281950550 -0.0909777316
## 2222 1482-10006 RR_80 0.875396369 -1.3148842 0.320643054 -1.3255726182
## 2223 1141-10007 RR_80 0.967075812 0.7604456 0.265861817 1.0147873335
## 2224 2706-10010 RR_80 0.636906838 -1.3148842 0.016856196 -1.0613131531
## 2225 1207-10052 RR_80 0.985477184 0.7604456 0.061677207 1.0041499941
## 2226 1439-10001 RR_80 0.877753464 -1.3148842 0.011876083 -0.6672898493
## 2227 1281-10003 RR_80 0.968322737 0.7604456 -0.117606840 0.9176838004
## 2228 2986-10006 RR_80 0.593977725 -1.3148842 -0.311831225 -1.0746348884
## 2229 2449-10068 RR_80 0.991847977 0.7604456 0.320643054 1.0267640890
## 2230 2417-10001 RR_80 0.919355234 -1.3148842 0.529807776 -0.8404812579
## 2231 1186-10012 RR_80 0.965726312 0.7604456 0.076617545 0.5464946143
## 2232 2465-10004 RR_80 0.645249789 -1.3148842 0.121438557 -1.1171773405
## 2233 2398-10133 RR_80 0.993796662 0.7604456 0.320643054 1.2110965365
## 2234 1480-10006 RR_80 0.887237097 -1.3148842 0.231001030 -1.1251172535
## 2235 1186-10015 RR_80 0.971266936 0.7604456 0.450125977 0.6165215380
## 2236 1477-10033 RR_80 0.987043765 0.7604456 -0.042905154 0.8615180737
## 2237 2483-10001 RR_80 0.479139400 0.7604456 -0.262030101 0.1049254079
## 2238 2475-10015 RR_80 0.963470961 0.7604456 0.061677207 0.6435105958
## 2239 2827-10001 RR_80 0.747602781 -1.3148842 0.689171374 -1.0061907731
## 2240 1063-10007 RR_80 0.986259982 0.7604456 0.176219793 0.8414066214
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## 2241 2361-10006 RR_80 0.454991971 0.7604456 -0.122586953 -0.3535110748
## 2242 1209-10011 RR_80 0.960502193 0.7604456 -0.047885266 0.6521028444
## 2243 2398-10049 RR_80 0.991271215 0.7604456 -0.286930663 0.9633732096
## 2244 2370-10001 RR_80 0.517995493 0.7604456 0.181199906 -0.0172317687
## 2245 1104-10006 RR_80 0.856342630 -1.3148842 0.086577770 -1.3491589361
## 2246 1281-10001 RR_80 0.974213307 0.7604456 0.778813398 0.8818839613
## 2247 2121-10007 RR_80 0.612929188 -1.3148842 -0.421393699 -0.9868794576
## 2248 1298-10039 RR_80 0.986022430 0.7604456 0.061677207 1.1376488472
## 2249 2518-10019 RR_80 0.915255054 -1.3148842 0.350523728 -0.7478637377
## 2250 1379-10014 RR_80 0.955210435 0.7604456 -0.117606840 0.7944917181
## 2251 2103-10002 RR_80 0.581786067 -1.3148842 -0.341711900 -1.3518705153
## 2252 2449-10022 RR_80 0.985650778 0.7604456 -0.122586953 0.5951529613
## 2253 2335-10001 RR_80 0.539330738 0.7604456 -0.854663480 -0.0610920960
## 2254 1531-10005 RR_80 0.862409534 -1.3148842 0.216060693 -1.5258389631
## 2255 1076-10007 RR_80 0.967567409 0.7604456 0.489966877 0.9883835861
## 2256 2398-10076 RR_80 0.993192325 0.7604456 -0.092706278 1.1436380566
## 2257 2272-10001 RR_80 0.644964592 0.7604456 0.370444178 0.0312937693
## 2258 1281-10002 RR_80 0.951144882 0.7604456 -0.660439095 0.7998013677
## 2259 1193-10006 RR_80 0.983827003 0.7604456 0.046736870 1.1016890404
## 2260 1297-10003 RR_80 0.962729537 0.7604456 0.335583391 0.7833669372
## 2261 1115-10006 RR_80 0.979959789 0.7604456 -0.361632349 0.5307082183
## 2262 1252-10014 RR_80 0.943045529 0.7604456 -0.147487515 0.5408065491
## 2263 2931-10017 RR_80 0.656673704 -1.3148842 0.131398781 -1.1984101688
## 2264 2449-10044 RR_80 0.990646181 0.7604456 0.435185640 0.7857174692
## 2265 1374-10008 RR_80 0.600626168 -1.3148842 -0.595697634 -1.4869773698
## 2266 1230-10005 RR_80 0.982803139 0.7604456 0.181199906 1.0304066577
## 2267 2535-10001 RR_80 0.591784307 0.7604456 -0.057845491 0.1814935364
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## 2268 1476-10001 RR_80 0.666644332 -1.3148842 -0.112626728 -1.1825075202
## 2269 1452-10008 RR_80 0.986935003 0.7604456 -0.276970438 0.8789746169
## 2270 1233-10017 RR_80 0.979601842 0.7604456 -0.142507402 0.5021907059
## 2271 2382-10003 RR_80 0.508635895 0.7604456 -0.630558421 -0.2723799377
## 2272 1957-10002 RR_80 0.625606708 -1.3148842 -0.222189201 -1.2094846478
## 2273 1062-10011 RR_80 0.982631851 0.7604456 -0.162427852 0.6131524055
## 2274 1662-10004 RR_80 0.535476337 -1.3148842 -0.396493136 -1.3454579296
## 2275 2616-10003 RR_80 0.625670258 -1.3148842 0.335583391 -1.1988289855
## 2276 2905-10005 RR_80 0.536500814 -1.3148842 -0.401473249 -1.4671645720
## 2277 2289-10002 RR_80 0.387924876 0.7604456 -0.346692012 -0.2536930461
## 2278 2276-10001 RR_80 0.514843743 0.7604456 0.111478332 -0.5866985814
## 2279 1792-10003 RR_80 0.691839727 -1.3148842 0.240961255 -1.2249846277
## 2280 2385-10004 RR_80 0.634621004 0.7604456 0.455106090 -0.1075564222
## 2281 2004-10001 RR_80 0.184793251 0.7604456 -0.525976060 -0.3643170532
## 2282 1390-10001 RR_80 0.608561150 0.7604456 -0.894504380 -0.1467700277
## 2283 2146-10007 RR_80 0.794405375 0.7604456 -2.129572263 1.0943973569
## 2284 1519-10003 RR_80 0.490336059 0.7604456 0.544748113 -0.4939667076
## 2285 2929-10008 RR_80 0.724206754 0.7604456 -0.999086741 -0.0213909377
## 2286 1184-10003 RR_80 0.827502633 0.7604456 0.330603279 0.2313531876
## 2287 2824-10001 RR_80 0.331995152 0.7604456 -1.004066853 0.2713709774
## 2288 1780-10001 RR_80 0.486677648 0.7604456 0.046736870 -0.7574111599
## 2289 2191-10010 RR_80 0.950693681 0.7604456 -1.282953149 0.7597191499
## 2290 2132-10007 RR_80 0.586821245 0.7604456 -1.462237197 0.2568234923
## 2291 2510-10011 RR_80 0.959081636 0.7604456 0.584589013 -0.8618907067
## 2292 1198-10006 RR_80 0.734798588 -1.3148842 -0.286930663 -1.9825793503
## 2293 1460-10033 RR_80 0.951834317 -1.3148842 0.066657320 -0.6920010477
## 2294 1459-10063 RR_80 0.853840462 -1.3148842 -0.232149426 -1.3734506744
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## 2295 1146-10003 RR_80 0.909216790 -1.3148842 3.378432087 -1.9931830000
## 2296 2642-10041 RR_80 0.965801809 -1.3148842 1.456108688 -1.6616185250
## 2297 2282-10007 RR_80 0.968217888 -1.3148842 -0.575777184 -0.0758915929
## 2298 2893-10003 RR_80 0.684753760 -1.3148842 -0.416413586 -0.8926821878
## 2299 2515-10005 RR_80 0.953193676 0.7604456 -0.027964816 0.5325418280
## 2300 1075-10008 RR_80 0.979302265 0.7604456 -0.560836847 1.1112227573
## 2301 1258-10001 RR_80 0.952077928 0.7604456 -0.281950550 1.0226622987
## 2302 1241-10003 RR_80 0.920822403 0.7604456 -0.735140782 0.7804552785
## 2303 1036-10003 RR_80 0.932800290 0.7604456 0.141359006 1.0928114361
## 2304 1259-10001 RR_80 0.885916424 0.7604456 -0.715220332 0.8048268653
## 2305 1650-10036 RR_80 0.936963599 0.7604456 -0.381552799 0.9518446695
## 2306 1247-10001 RR_80 0.976016977 0.7604456 0.395344740 1.2320211820
## 2307 1553-10005 RR_80 0.899426388 0.7604456 -0.635538533 0.2309270740
## 2308 1497-10003 RR_80 0.867231475 0.7604456 -1.073788427 0.5294034082
## 2309 1247-10007 RR_80 0.976942357 0.7604456 -0.755061232 1.2705621755
## 2310 1397-10001 RR_80 0.870398911 0.7604456 -0.217209089 1.0140590479
## 2311 2563-10001 RR_80 0.948684789 -1.3148842 3.149346915 -1.2864490165
## 2312 2563-10015 RR_80 0.930991905 -1.3148842 1.376426890 -0.9485415606
## 2313 2405-10008 RR_80 0.691942353 -1.3148842 -0.296890888 -0.6606946169
## 2314 1720-10003 RR_80 0.562131008 -1.3148842 -0.919404942 -1.5234293469
## 2315 2963-10002 RR_80 0.178357690 -1.3148842 -0.999086741 -0.0713819088
## 2316 1494-10001 RR_80 0.459462458 -1.3148842 -1.238132137 -1.9084947769
## 2317 1219-10001 RR_80 0.819581225 -1.3148842 -0.740120894 -0.6966651035
## 2318 1172-10001 RR_80 0.332126021 -1.3148842 -0.625578308 -0.7020393786
## 2319 3048-10001 RR_80 0.674338194 -1.3148842 -0.650478870 -0.9501013337
## 2320 2456-10018 RR_80 0.487566584 -1.3148842 -0.062825603 -1.9456363976
## 2321 1271-10004 RR_80 0.633989019 -1.3148842 -0.072785828 -1.7417283955
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## 2322 2927-10005 RR_80 0.188843340 -1.3148842 -0.849683368 -1.3270666819
## 2323 1160-10007 RR_80 0.662449475 -1.3148842 -0.794902131 -1.0637430737
## 2324 2068-10001 RR_80 0.844360374 -1.3148842 0.146339119 -0.6193056528
## 2325 2398-10081 RR_80 0.998548402 0.7604456 1.879418245 1.3499809580
## 2326 1456-10034 RR_80 0.987787652 0.7604456 -0.276970438 1.1727925391
## 2327 1302-10302 RR_80 0.995676113 0.7604456 -0.067805716 0.0918322893
## 2328 3025-10003 RR_80 0.926444559 0.7604456 -0.804862356 0.8478850712
## 2329 1302-10290 RR_80 0.998593328 0.7604456 -0.565816959 0.9339060103
## 2330 1435-10015 RR_80 0.989003316 0.7604456 0.599529350 1.0740538203
## 2331 2819-10003 RR_80 0.961109650 0.7604456 -0.730160669 1.2588656973
## 2332 1302-10379 RR_80 0.999477029 0.7604456 0.923236658 0.9359943543
## 2333 1207-10046 RR_80 0.985362810 0.7604456 0.803713960 1.2727572904
## 2334 2750-10004 RR_80 0.979831447 0.7604456 0.435185640 0.7896930849
## 2335 1233-10012 RR_80 0.972759070 0.7604456 -0.511035722 0.5818085109
## 2336 1537-10014 RR_80 0.956825303 0.7604456 0.748932723 0.5125758565
## 2337 1302-10267 RR_80 0.999003073 0.7604456 -0.137527290 0.8241887371
## 2338 2286-10015 RR_80 0.996256579 0.7604456 0.684191261 1.2735070941
## 2339 1477-10013 RR_80 0.996324716 0.7604456 1.336585990 1.3263562568
## 2340 2523-10005 RR_80 0.986763119 0.7604456 0.709091824 0.6418824154
## 2341 2275-10002 RR_80 0.744855884 0.7604456 -0.610637971 -0.1348724605
## 2342 2644-10068 RR_80 0.952924574 -1.3148842 1.431208126 -0.2682070918
## 2343 2178-10001 RR_80 0.913392302 0.7604456 -0.675379433 1.0744162863
## 2344 2644-10035 RR_80 0.973833817 -1.3148842 1.993960831 -0.1527059834
## 2345 2931-10004 RR_80 0.705053642 0.7604456 -0.520995947 -0.0985296945
## 2346 1044-10010 RR_80 0.694842873 0.7604456 -0.799882243 0.6701367710
## 2347 2395-10031 RR_80 0.937831388 0.7604456 1.665273411 -0.3161236042
## 2348 2609-10002 RR_80 0.777403095 0.7604456 0.599529350 0.4303554997
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## 2349 1516-10003 RR_80 0.902463816 0.7604456 -0.779961794 -0.0539790189
## 2350 2514-10001 RR_80 0.437952987 0.7604456 0.330603279 0.2015294582
## 2351 2156-10003 RR_80 0.727141214 0.7604456 -0.849683368 -0.6238687984
## 2352 2189-10007 RR_80 0.697183899 -1.3148842 -1.058848090 -0.8620605726
## 2353 1193-10005 RR_80 0.963311834 -1.3148842 1.007898570 0.0581475283
## 2354 2937-10003 RR_80 0.621342727 -1.3148842 -1.248092362 -0.8629665562
## 2355 1302-10229 RR_80 0.967566119 -1.3148842 -0.227169314 -1.7706139546
## 2356 2271-10026 RR_80 0.759044927 -1.3148842 -0.087726166 -1.5506139631
## 2357 2029-10003 RR_80 0.918147994 -1.3148842 -0.555856734 0.8612751231
## 2358 1207-10049 RR_80 0.909105794 -1.3148842 0.773833285 -0.5393878092
## 2359 1453-10017 RR_80 0.950847010 0.7604456 -1.088728764 0.5467830072
## 2360 2263-10002 RR_80 0.988613481 0.7604456 2.203125553 0.9963502074
## 2361 1510-10032 RR_80 0.979641202 0.7604456 1.500929700 1.0892197222
## 2362 1139-10011 RR_80 0.940203164 0.7604456 0.494946989 0.8977268809
## 2363 1241-10005 RR_80 0.853760555 0.7604456 -1.507058209 0.5587085322
## 2364 2364-10003 RR_80 0.955900358 0.7604456 1.271844528 1.1670788096
## 2365 1178-10011 RR_80 0.963435250 0.7604456 -0.829762918 1.3058145835
## 2366 1207-10019 RR_80 0.929194670 0.7604456 -0.182348302 0.7836978386
## 2367 2807-10002 RR_80 0.985369430 0.7604456 1.192162730 1.1729069050
## 2368 1166-10001 RR_80 0.958868278 0.7604456 0.664270812 0.2739921478
## 2369 2353-10007 RR_80 0.968406445 0.7604456 0.146339119 0.9785086993
## 2370 1302-10218 RR_80 0.997906909 0.7604456 0.071637432 1.1084562177
## 2371 2515-10021 RR_80 0.748926961 -1.3148842 0.290762379 -1.3162023542
## 2372 1206-10018 RR_80 0.899042468 -1.3148842 2.641375447 -1.9256248341
## 2373 1359-10005 RR_80 0.781566692 -1.3148842 -1.038927640 -1.1187470408
## 2374 1268-10006 RR_80 0.805124184 -1.3148842 0.853515084 -0.9473128805
## 2375 1209-10013 RR_80 0.802134251 -1.3148842 0.405304965 -1.7485323460
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## 2376 2170-10019 RR_80 0.693457991 -1.3148842 -0.411433474 -0.3571907051
## 2377 1542-10006 RR_80 0.851769074 -1.3148842 0.051716983 -1.2802977843
## 2378 1528-10007 RR_80 0.673747216 -1.3148842 0.156299344 -1.7612327719
## 2379 2571-10014 RR_80 0.581216945 -1.3148842 -0.396493136 -1.6554801315
## 2380 1057-10003 RR_80 0.650078336 -1.3148842 -0.366612462 -1.6610157442
## 2381 1727-10001 RR_80 0.906691916 -1.3148842 4.613499971 -1.1321585395
## 2382 1360-10006 RR_80 0.849391559 -1.3148842 -0.630558421 -0.5617377106
## 2383 1374-10007 RR_80 0.750578346 -1.3148842 0.798733847 -1.2033318915
## 2384 1788-10006 RR_80 0.836487888 -1.3148842 -0.112626728 0.0058928670
## 2385 1302-10118 RR_80 0.997638980 0.7604456 -1.108649214 0.7500934614
## 2386 1995-10044 RR_80 0.994964791 0.7604456 1.321645653 1.4065648801
## 2387 2567-10016 RR_80 0.995826121 0.7604456 0.539768001 1.2682259538
## 2388 1650-10016 RR_80 0.985694622 0.7604456 -0.969206066 0.5287863551
## 2389 2753-10006 RR_80 0.992475304 0.7604456 0.400324853 0.9959217943
## 2390 1596-10006 RR_80 0.916500499 0.7604456 -0.520995947 0.7819410009
## 2391 2345-10016 RR_80 0.968513656 0.7604456 -0.605657859 0.2107032942
## 2392 1445-10001 RR_80 0.972724508 0.7604456 -0.640518646 1.0964593669
## 2393 2271-10015 RR_80 0.993510283 0.7604456 1.017858794 1.2154471048
## 2394 2716-10008 RR_80 0.965632633 0.7604456 -1.148490114 0.9511737415
## 2395 1216-10009 RR_80 0.961837011 0.7604456 1.620452399 0.6302405356
## 2396 1995-10042 RR_80 0.993834020 0.7604456 -0.794902131 1.4041662655
## 2397 2429-10028 RR_80 0.932070364 0.7604456 -0.989126516 1.2763667300
## 2398 1901-10005 RR_80 0.892784370 0.7604456 -0.889524267 0.7448281428
## 2399 2510-10002 RR_80 0.993817319 0.7604456 0.684191261 0.9496776413
## 2400 1302-10324 RR_80 0.996978717 0.7604456 -0.680359545 0.6971230061
## 2401 2385-10001 RR_90 0.982590146 0.7604456 0.888375871 1.2398749137
## 2402 1331-10004 RR_90 0.763192235 -1.3148842 -0.994106628 -1.7566913243
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## 2403 2425-10006 RR_90 0.994353344 0.7604456 0.579608900 -0.0350173554
## 2404 2670-10006 RR_90 0.957773828 -1.3148842 -0.281950550 -1.2234851146
## 2405 2552-10010 RR_90 0.998241499 0.7604456 0.594549238 1.0950137472
## 2406 1379-10006 RR_90 0.991211277 0.7604456 0.221040805 0.8772758139
## 2407 2675-10001 RR_90 0.993860291 0.7604456 -1.093708877 1.0218587157
## 2408 2552-10002 RR_90 0.995860859 0.7604456 -0.167407964 1.2863578232
## 2409 1369-10012 RR_90 0.988762575 -1.3148842 -0.809842468 -0.2572925405
## 2410 1065-10010 RR_90 0.994055852 0.7604456 0.400324853 0.4461584411
## 2411 1478-10009 RR_90 0.975068040 -1.3148842 0.529807776 -1.6180035649
## 2412 1478-10006 RR_90 0.901890312 -1.3148842 -1.243112250 -1.7791777818
## 2413 2670-10028 RR_90 0.972609575 0.7604456 -0.615618083 -0.7020721571
## 2414 1459-10016 RR_90 0.998974246 0.7604456 0.639370250 1.2735834999
## 2415 1041-10001 RR_90 0.990147334 0.7604456 0.793753735 -0.1415947800
## 2416 1199-10015 RR_90 0.989082853 0.7604456 0.235981143 0.3487316338
## 2417 1302-10295 RR_90 0.997946270 -1.3148842 -0.889524267 -0.4709296766
## 2418 2191-10010 RR_90 0.984063514 0.7604456 -1.282953149 0.7597191499
## 2419 2259-10007 RR_90 0.977125862 0.7604456 -0.994106628 0.8144413737
## 2420 1233-10015 RR_90 0.989439357 -1.3148842 0.051716983 -0.0675306671
## 2421 2191-10013 RR_90 0.973913035 -1.3148842 -1.332754274 -0.3986869795
## 2422 2546-10001 RR_90 0.926545195 0.7604456 -0.720200444 0.7782973776
## 2423 1068-10006 RR_90 0.975059334 -1.3148842 0.186180018 -1.3970496185
## 2424 1450-10001 RR_90 0.910662770 -1.3148842 -0.047885266 -1.6794848538
## 2425 2807-10011 RR_90 0.995343909 0.7604456 1.446148464 1.0658453594
## 2426 2432-10039 RR_90 0.996763229 0.7604456 -1.228171913 1.2300801310
## 2427 2728-10001 RR_90 0.938317345 -1.3148842 0.773833285 -1.2177387319
## 2428 1995-10029 RR_90 0.998207085 0.7604456 1.665273411 1.4082231088
## 2429 2378-10010 RR_90 0.964827431 -1.3148842 2.486991962 -0.8441956963
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## 2430 2175-10002 RR_90 0.750103578 0.7604456 -1.835745629 0.8711222048
## 2431 1302-10190 RR_90 0.999528849 0.7604456 -1.193311126 1.0222631968
## 2432 2755-10009 RR_90 0.995021834 0.7604456 1.705114310 1.0718331878
## 2433 2642-10040 RR_90 0.971574246 -1.3148842 0.310682829 -1.6002310096
## 2434 1920-10002 RR_90 0.822411595 -1.3148842 -0.755061232 -0.6073004627
## 2435 2398-10122 RR_90 0.996804862 0.7604456 -0.052865379 1.1346553481
## 2436 1284-10005 RR_90 0.993264975 0.7604456 0.036776645 1.2257820897
## 2437 1400-10004 RR_90 0.993522697 0.7604456 0.539768001 1.2481925319
## 2438 2510-10121 RR_90 0.995535851 0.7604456 -0.082746053 0.5044347961
## 2439 2164-10004 RR_90 0.888334560 -1.3148842 -1.661441694 -1.2960397278
## 2440 1611-10001 RR_90 0.424179671 0.7604456 -1.322794049 -0.0259210788
## 2441 1770-10005 RR_90 0.893226735 0.7604456 1.212083179 -0.6630699034
## 2442 1012-10003 RR_90 0.988393222 0.7604456 0.813674185 0.8055016232
## 2443 1477-10024 RR_90 0.997602565 0.7604456 0.868455421 0.7826813405
## 2444 3025-10004 RR_90 0.940302890 -1.3148842 -0.974186179 -0.5645174336
## 2445 2819-10009 RR_90 0.934531611 -1.3148842 0.006895971 -0.6086396739
## 2446 2829-10009 RR_90 0.995219453 0.7604456 -0.695299882 1.1451252290
## 2447 2698-10010 RR_90 0.988940528 0.7604456 -1.088728764 0.2469711837
## 2448 1467-10003 RR_90 0.521870338 -1.3148842 -0.003064254 -1.5221982954
## 2449 2173-10004 RR_90 0.847446645 0.7604456 -1.736143381 0.7813190740
## 2450 2418-10005 RR_90 0.970167764 0.7604456 -0.132547177 0.4122823011
## 2451 2515-10019 RR_90 0.961587155 -1.3148842 2.551733424 -1.4469697323
## 2452 2493-10003 RR_90 0.992634833 0.7604456 0.674231037 -0.0165372150
## 2453 2448-10011 RR_90 0.992159136 -1.3148842 1.525830262 -0.5345430516
## 2454 2839-10001 RR_90 0.626187333 -1.3148842 -1.641521244 -0.5997079301
## 2455 1181-10023 RR_90 0.974890122 -1.3148842 1.505909813 -0.3811631758
## 2456 1199-10019 RR_90 0.985618059 0.7604456 -0.555856734 0.7595577117
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## 2457 1026-10005 RR_90 0.977069717 0.7604456 -0.147487515 0.0630278226
## 2458 2722-10002 RR_90 0.957191547 0.7604456 0.036776645 1.0424965052
## 2459 1938-10001 RR_90 0.923083690 0.7604456 -1.108649214 0.0960691509
## 2460 2145-10025 RR_90 0.910205366 -1.3148842 2.726037359 -1.6909059814
## 2461 1236-10009 RR_90 0.968929554 0.7604456 1.227023517 0.6501317051
## 2462 2467-10001 RR_90 0.700036170 0.7604456 -1.098688989 0.3620107993
## 2463 2717-10023 RR_90 0.995996344 0.7604456 0.240961255 1.2292123137
## 2464 2706-10006 RR_90 0.948244410 0.7604456 -0.013024479 -0.5765207827
## 2465 2456-10018 RR_90 0.752910485 -1.3148842 -0.062825603 -1.9456363976
## 2466 1359-10005 RR_90 0.919735546 -1.3148842 -1.038927640 -1.1187470408
## 2467 1995-10085 RR_90 0.992449604 0.7604456 -0.381552799 1.1977123765
## 2468 2658-10004 RR_90 0.953384834 -1.3148842 1.580611499 -1.6246854397
## 2469 1596-10005 RR_90 0.951724744 0.7604456 -0.560836847 0.7808251267
## 2470 1091-10009 RR_90 0.954127138 0.7604456 -0.705260107 -0.6233455491
## 2471 1792-10003 RR_90 0.877898025 -1.3148842 0.240961255 -1.2249846277
## 2472 1610-10007 RR_90 0.886587939 0.7604456 -1.382555398 0.1381120239
## 2473 1318-10008 RR_90 0.978452748 0.7604456 0.101518107 1.2458167844
## 2474 1910-10001 RR_90 0.802624680 -1.3148842 0.425225415 -0.8295412744
## 2475 1202-10006 RR_90 0.930555591 -1.3148842 -0.242109651 -1.5984665131
## 2476 1995-10049 RR_90 0.997269931 0.7604456 1.505909813 1.3031468337
## 2477 1832-10001 RR_90 0.790082602 -1.3148842 0.211080580 -1.1012615491
## 2478 2639-10001 RR_90 0.795195929 0.7604456 -0.321791450 0.6771396825
## 2479 1995-10006 RR_90 0.977169203 0.7604456 -0.451274373 -0.0630672472
## 2480 2449-10027 RR_90 0.998590960 0.7604456 0.589569125 1.0966651805
## 2481 1422-10019 RR_90 0.985879268 0.7604456 -0.237129539 0.8651772665
## 2482 1372-10021 RR_90 0.993420670 0.7604456 -0.605657859 0.1827395598
## 2483 2398-10085 RR_90 0.999128638 0.7604456 1.007898570 1.3268487645
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##	2484	2398-10087	RR_90	0.998902273	0.7604456	0.669250924	1.2969458427
##	2485	2670-10021	RR_90	0.996677217	0.7604456	-0.540916397	1.0291600745
##	2486	1456-10028	RR_90	0.995696865	0.7604456	0.918256546	1.2369983362
##	2487	2383-10029	RR_90	0.992421678	0.7604456	-0.301871000	1.1551346439
##	2488	2594-10001	RR_90	0.917683486	0.7604456	-0.341711900	0.4331288606
##	2489	2545-10012	RR_90	0.989871917	0.7604456	0.226020918	0.5435657113
##	2490	1351-10019	RR_90	0.925225512	-1.3148842	-0.874583930	-0.6552234075
##	2491	1850-10001	RR_90	0.918395687	0.7604456	-0.715220332	-0.2823076824
##	2492	1040-10008	RR_90	0.987920707	0.7604456	2.626435110	0.1651192505
##	2493	1387-10009	RR_90	0.998465386	0.7604456	0.818654297	1.3066109267
##	2494	2398-10101	RR_90	0.999402470	0.7604456	2.721057246	1.2861886591
##	2495	2190-10013	RR_90	0.988752525	-1.3148842	-1.307853711	0.5463609410
##	2496	1551-10005	RR_90	0.951788461	0.7604456	-0.909444717	-0.1389211732
##	2497	2773-10004	RR_90	0.975917405	0.7604456	-0.964225954	0.7718959663
##	2498	1460-10022	RR_90	0.935745325	-1.3148842	-0.904464604	-1.3302300275
##	2499	1003-10009	RR_90	0.786900018	-1.3148842	-0.451274373	-1.4805790196
##	2500	1154-10002	RR_90	0.965064702	-1.3148842	1.217063292	-1.5587270967
##	2501	1310-10007	RR_90	0.994595037	0.7604456	0.987978120	1.1616095998
##	2502	2731-10007	RR_90	0.901344925	0.7604456	-0.705260107	0.4992760375
##	2503	2345-10007	RR_90	0.928127276	-1.3148842	-0.904464604	-0.6854388832
##	2504	2635-10005	RR_90	0.987978550	0.7604456	0.958097445	-0.2067957262
##	2505	2472-10002	RR_90	0.993728693	0.7604456	1.271844528	0.6015892693
##	2506	2579-10002	RR_90	0.955098362	0.7604456	0.056697095	-0.7307315663
##	2507	2148-10002	RR_90	0.672817307	0.7604456	-1.512038321	0.4412688155
##	2508	1103-10017	RR_90	0.951220348	-1.3148842	1.316665540	0.3822769974
##	2509	2186-10002	RR_90	0.911632879	0.7604456	-1.830765517	-0.2232215161
##	2510	1259-10003	RR_90	0.989890289	0.7604456	0.549728226	1.2788143739

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## 2511 3053-10002 RR_90 0.987870388 0.7604456 -0.520995947 0.0350175067
## 2512 1366-10014 RR_90 0.978777170 0.7604456 -0.944305504 1.1122479817
## 2513 1139-10008 RR_90 0.991626487 0.7604456 1.122441155 0.9230925290
## 2514 1302-10254 RR_90 0.999428244 0.7604456 -0.869603817 0.9840172649
## 2515 2282-10043 RR_90 0.952312731 -1.3148842 -0.247089763 -0.3247185106
## 2516 1439-10004 RR_90 0.862614308 -1.3148842 -0.774981681 -1.5254029373
## 2517 1650-10005 RR_90 0.984696512 0.7604456 0.196140243 0.5187381328
## 2518 1098-10007 RR_90 0.953068375 -1.3148842 1.570651274 -1.2890172251
## 2519 1444-10021 RR_90 0.989997538 0.7604456 0.111478332 0.4769484741
## 2520 2323-10014 RR_90 0.996431844 0.7604456 0.460086202 1.2689942926
## 2521 2725-10001 RR_90 0.735002910 0.7604456 -0.281950550 -0.0909777316
## 2522 1482-10006 RR_90 0.957445313 -1.3148842 0.320643054 -1.3255726182
## 2523 1141-10007 RR_90 0.989481119 0.7604456 0.265861817 1.0147873335
## 2524 2706-10010 RR_90 0.848887687 -1.3148842 0.016856196 -1.0613131531
## 2525 1207-10052 RR_90 0.995419448 0.7604456 0.061677207 1.0041499941
## 2526 1439-10001 RR_90 0.958324202 -1.3148842 0.011876083 -0.6672898493
## 2527 1281-10003 RR_90 0.989888369 0.7604456 -0.117606840 0.9176838004
## 2528 2986-10006 RR_90 0.824099587 -1.3148842 -0.311831225 -1.0746348884
## 2529 2449-10068 RR_90 0.997440149 0.7604456 0.320643054 1.0267640890
## 2530 2361-10007 RR_90 0.702814249 0.7604456 -0.057845491 -0.1047982956
## 2531 2417-10001 RR_90 0.973339718 -1.3148842 0.529807776 -0.8404812579
## 2532 1186-10012 RR_90 0.989039562 0.7604456 0.076617545 0.5464946143
## 2533 2465-10004 RR_90 0.853480377 -1.3148842 0.121438557 -1.1171773405
## 2534 2398-10133 RR_90 0.998054686 0.7604456 0.320643054 1.2110965365
## 2535 2490-10001 RR_90 0.740074817 0.7604456 -0.680359545 -0.2196177606
## 2536 1480-10006 RR_90 0.961829140 -1.3148842 0.231001030 -1.1251172535
## 2537 1186-10015 RR_90 0.990847127 0.7604456 0.450125977 0.6165215380
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## 2538 1477-10033 RR_90 0.995917996 0.7604456 -0.042905154 0.8615180737
## 2539 1298-10045 RR_90 0.955883003 -1.3148842 0.106498219 -1.4312133351
## 2540 2475-10015 RR_90 0.988299733 0.7604456 0.061677207 0.6435105958
## 2541 2827-10001 RR_90 0.904633909 -1.3148842 0.689171374 -1.0061907731
## 2542 1063-10007 RR_90 0.995668701 0.7604456 0.176219793 0.8414066214
## 2543 1138-10026 RR_90 0.957290983 -1.3148842 0.390364628 -1.0412041304
## 2544 1209-10011 RR_90 0.987322284 0.7604456 -0.047885266 0.6521028444
## 2545 2986-10005 RR_90 0.803935056 -1.3148842 -0.351672124 -0.9017483687
## 2546 2398-10049 RR_90 0.997257944 0.7604456 -0.286930663 0.9633732096
## 2547 1104-10006 RR_90 0.950224674 -1.3148842 0.086577770 -1.3491589361
## 2548 1281-10001 RR_90 0.991802634 0.7604456 0.778813398 0.8818839613
## 2549 1298-10039 RR_90 0.995593090 0.7604456 0.061677207 1.1376488472
## 2550 2324-10001 RR_90 0.787855530 0.7604456 -0.027964816 0.0586415561
## 2551 1379-10014 RR_90 0.985569791 0.7604456 -0.117606840 0.7944917181
## 2552 2103-10002 RR_90 0.816685270 -1.3148842 -0.341711900 -1.3518705153
## 2553 2449-10022 RR_90 0.995474746 0.7604456 -0.122586953 0.5951529613
## 2554 2335-10001 RR_90 0.789445826 0.7604456 -0.854663480 -0.0610920960
## 2555 1076-10007 RR_90 0.989641762 0.7604456 0.489966877 0.9883835861
## 2556 2398-10076 RR_90 0.997864280 0.7604456 -0.092706278 1.1436380566
## 2557 2272-10001 RR_90 0.853324531 0.7604456 0.370444178 0.0312937693
## 2558 1281-10002 RR_90 0.984214419 0.7604456 -0.660439095 0.7998013677
## 2559 2360-10020 RR_90 0.876438049 -1.3148842 0.290762379 -1.2742912770
## 2560 1193-10006 RR_90 0.994893120 0.7604456 0.046736870 1.1016890404
## 2561 1297-10003 RR_90 0.988056008 0.7604456 0.335583391 0.7833669372
## 2562 1115-10006 RR_90 0.993654920 0.7604456 -0.361632349 0.5307082183
## 2563 2480-10003 RR_90 0.787497172 0.7604456 0.509887326 -0.2762996271
## 2564 1252-10014 RR_90 0.981490749 0.7604456 -0.147487515 0.5408065491
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## 2565 2931-10017 RR_90 0.859657180 -1.3148842 0.131398781 -1.1984101688
## 2566 2449-10044 RR_90 0.997060325 0.7604456 0.435185640 0.7857174692
## 2567 2356-10001 RR_90 0.768368873 0.7604456 -0.137527290 0.0191282064
## 2568 1374-10008 RR_90 0.828070589 -1.3148842 -0.595697634 -1.4869773698
## 2569 1230-10005 RR_90 0.994565949 0.7604456 0.181199906 1.0304066577
## 2570 2535-10001 RR_90 0.822778419 0.7604456 -0.057845491 0.1814935364
## 2571 1476-10001 RR_90 0.864945285 -1.3148842 -0.112626728 -1.1825075202
## 2572 1452-10008 RR_90 0.995883419 0.7604456 -0.276970438 0.8789746169
## 2573 2447-10006 RR_90 0.789273171 0.7604456 -0.396493136 -0.5782230759
## 2574 1771-10013 RR_90 0.806018316 -1.3148842 -0.336731787 -1.1227904943
## 2575 1233-10017 RR_90 0.993539976 0.7604456 -0.142507402 0.5021907059
## 2576 2382-10003 RR_90 0.768255449 0.7604456 -0.630558421 -0.2723799377
## 2577 1957-10002 RR_90 0.842553928 -1.3148842 -0.222189201 -1.2094846478
## 2578 1062-10011 RR_90 0.994511169 0.7604456 -0.162427852 0.6131524055
## 2579 2916-10001 RR_90 0.813941801 -1.3148842 0.056697095 -0.9369769575
## 2580 1662-10004 RR_90 0.786857093 -1.3148842 -0.396493136 -1.3454579296
## 2581 1091-10004 RR_90 0.955553387 0.7604456 -1.367615061 -0.6087000962
## 2582 1630-10007 RR_90 0.937958572 0.7604456 -0.376572687 0.7706222739
## 2583 2774-10001 RR_90 0.930137824 0.7604456 0.106498219 0.4465332847
## 2584 1104-10001 RR_90 0.967798267 0.7604456 0.982998007 -0.4507355602
## 2585 1007-10005 RR_90 0.820622952 0.7604456 0.534787888 0.1374795350
## 2586 2921-10001 RR_90 0.548995747 0.7604456 -0.779961794 -0.0613040499
## 2587 1184-10003 RR_90 0.938886964 0.7604456 0.330603279 0.2313531876
## 2588 2479-10006 RR_90 0.951522102 0.7604456 -0.132547177 -0.2173679415
## 2589 1690-10001 RR_90 0.996090270 0.7604456 0.878415646 0.3472850631
## 2590 1169-10001 RR_90 0.977775898 -1.3148842 0.609489575 -0.1176014283
## 2591 1830-10004 RR_90 0.951428267 0.7604456 -0.301871000 1.3985938698
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## 2592 2991-10001 RR_90 0.877202222 -1.3148842 -0.067805716 -1.4402500667
## 2593 1525-10005 RR_90 0.977299708 -1.3148842 0.096537994 -0.8571148626
## 2594 2642-10023 RR_90 0.946432777 -1.3148842 -0.207248864 -1.4777945218
## 2595 1566-10021 RR_90 0.962194733 -1.3148842 -0.132547177 -1.6753958082
## 2596 2143-10014 RR_90 0.947479035 -1.3148842 1.605512061 -1.5881764043
## 2597 2644-10049 RR_90 0.984091616 -1.3148842 -0.346692012 -0.5550602049
## 2598 2224-10001 RR_90 0.998232887 -1.3148842 2.870460619 0.8075942846
## 2599 1214-10001 RR_90 0.918059344 0.7604456 -0.760041344 0.8732653580
## 2600 2608-10001 RR_90 0.990470780 0.7604456 -0.760041344 0.9352306410
## 2601 1077-10011 RR_90 0.987905649 0.7604456 -0.884544155 1.0543989155
## 2602 1145-10017 RR_90 0.992444149 0.7604456 -0.262030101 1.2503494160
## 2603 1109-10013 RR_90 0.980758756 0.7604456 -0.341711900 0.7319246223
## 2604 1289-10001 RR_90 0.963424624 0.7604456 -0.486135160 0.9138274770
## 2605 1553-10003 RR_90 0.972372028 0.7604456 -0.695299882 -0.0114106386
## 2606 2642-10028 RR_90 0.984751238 0.7604456 0.111478332 1.0569659577
## 2607 2413-10011 RR_90 0.980787161 0.7604456 -1.113629327 1.3173982339
## 2608 1116-10014 RR_90 0.938199247 0.7604456 -1.178370788 -0.4464866063
## 2609 1561-10008 RR_90 0.985293307 0.7604456 1.217063292 0.4308078673
## 2610 2552-10013 RR_90 0.994730104 0.7604456 0.036776645 1.1063218233
## 2611 1370-10001 RR_90 0.718568531 -1.3148842 0.863475309 -1.2997071893
## 2612 1013-10003 RR_90 0.948046905 -1.3148842 1.052719581 -0.9191337045
## 2613 1581-10002 RR_90 0.886447322 -1.3148842 -0.466214710 -0.4560219462
## 2614 1486-10001 RR_90 0.887308022 -1.3148842 0.300722604 -1.6643437019
## 2615 1181-10038 RR_90 0.967310900 -1.3148842 0.320643054 -0.2263781520
## 2616 1056-10009 RR_90 0.915791469 -1.3148842 0.156299344 -1.7354849297
## 2617 1374-10001 RR_90 0.888770385 -1.3148842 0.564668563 -1.4835395397
## 2618 1738-10001 RR_90 0.385820263 -1.3148842 -1.058848090 -0.6013539270
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## 2619 1533-10007 RR_90 0.888431070 -1.3148842 0.509887326 -0.8116661326
## 2620 1816-10001 RR_90 0.828889375 -1.3148842 1.092560481 -0.7167457202
## 2621 1471-10002 RR_90 0.917868333 -1.3148842 0.793753735 -1.4545908523
## 2622 1771-10011 RR_90 0.729780854 -1.3148842 -0.132547177 -1.6170769649
## 2623 2162-10001 RR_90 0.628858974 -1.3148842 -0.989126516 0.1021290918
## 2624 1340-10001 RR_90 0.930509315 -1.3148842 -0.585737409 -0.8763197178
## 2625 2615-10009 RR_90 0.977858048 0.7604456 -0.969206066 -0.0957307436
## 2626 1302-10274 RR_90 0.998732131 0.7604456 -0.750081119 0.3149570757
## 2627 1295-10005 RR_90 0.990706480 0.7604456 -0.416413586 1.0337976237
## 2628 1302-10245 RR_90 0.999303266 0.7604456 -0.974186179 0.4562497962
## 2629 1302-10165 RR_90 0.999631211 0.7604456 -0.745101007 0.3020810535
## 2630 1650-10017 RR_90 0.988914825 0.7604456 -1.028967415 0.5129497196
## 2631 1065-10002 RR_90 0.996390197 0.7604456 0.699131599 0.8059368329
## 2632 1302-10062 RR_90 0.999636261 0.7604456 -0.670399320 1.1568471091
## 2633 1302-10116 RR_90 0.999460344 0.7604456 -1.850685967 0.5399291123
## 2634 2392-10004 RR_90 0.994021175 0.7604456 0.380404403 0.6220478730
## 2635 1455-10008 RR_90 0.997779876 0.7604456 0.504907214 1.0406711680
## 2636 2788-10020 RR_90 0.998393348 0.7604456 1.217063292 0.7949693910
## 2637 1302-10150 RR_90 0.999661059 0.7604456 -0.655458983 1.1415812369
## 2638 2383-10005 RR_90 0.995441980 0.7604456 0.709091824 1.2794291749
## 2639 2266-10003 RR_90 0.998747364 0.7604456 2.213085778 0.7594638668
## 2640 1076-10001 RR_90 0.991357930 0.7604456 -0.187328414 1.2592025214
## 2641 2156-10010 RR_90 0.870544926 0.7604456 -0.964225954 -0.2094871080
## 2642 2397-10001 RR_90 0.767781493 0.7604456 -1.666421807 0.1976453610
## 2643 3032-10001 RR_90 0.832631988 0.7604456 -0.535936284 -0.0301811174
## 2644 2236-10003 RR_90 0.973352943 0.7604456 -0.232149426 -0.6620166668
## 2645 1104-10001 RR_90 0.967798267 0.7604456 0.982998007 -0.4507355602
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## 2646 1659-10004 RR_90 0.875343354 0.7604456 -0.730160669 0.9623568869
## 2647 2497-10001 RR_90 0.959330773 0.7604456 -0.271990326 1.3021198680
## 2648 2590-10020 RR_90 0.976218191 0.7604456 0.554708338 -0.0997052823
## 2649 2370-10002 RR_90 0.851368963 0.7604456 0.763873060 -0.1868981347
## 2650 1069-10001 RR_90 0.574518830 0.7604456 -1.357654836 0.3557396719
## 2651 2758-10001 RR_90 0.879283834 0.7604456 -0.262030101 0.0978392888
## 2652 1450-10012 RR_90 0.942693577 -1.3148842 0.833594634 -1.7353929565
## 2653 2190-10008 RR_90 0.991389465 -1.3148842 -2.005069452 1.3365000427
## 2654 2190-10017 RR_90 0.990334780 -1.3148842 -1.910447316 0.6960738054
## 2655 2590-10023 RR_90 0.952778364 -1.3148842 -0.142507402 -0.8685920499
## 2656 2644-10038 RR_90 0.923302382 -1.3148842 0.519847551 -0.7095684316
## 2657 1103-10002 RR_90 0.974924064 -1.3148842 0.201120355 -0.1973827896
## 2658 2456-10004 RR_90 0.968667710 -1.3148842 0.624429912 -1.7457273936
## 2659 1430-10004 RR_90 0.961970270 0.7604456 0.559688451 -0.0706001061
## 2660 1449-10003 RR_90 0.979604932 0.7604456 -0.710240220 0.8943243604
## 2661 1078-10002 RR_90 0.986152587 -1.3148842 0.853515084 0.8484704287
## 2662 2345-10012 RR_90 0.990948396 0.7604456 0.001915858 0.6727287175
## 2663 1016-10001 RR_90 0.944975952 0.7604456 -0.276970438 0.9865922749
## 2664 1169-10009 RR_90 0.980858511 0.7604456 -0.436334036 0.8810365227
## 2665 1178-10005 RR_90 0.993027865 0.7604456 0.191160131 1.3416856718
## 2666 2579-10003 RR_90 0.981140250 0.7604456 0.335583391 0.2459301950
## 2667 1139-10007 RR_90 0.993609831 0.7604456 0.021836308 1.1398212631
## 2668 1333-10009 RR_90 0.993157064 0.7604456 0.091557882 1.0997982177
## 2669 1287-10004 RR_90 0.963910338 0.7604456 -0.127567065 0.6807123028
## 2670 1211-10001 RR_90 0.975976134 0.7604456 -0.799882243 0.4599605637
## 2671 2190-10012 RR_90 0.855007687 -1.3148842 -1.038927640 -1.0410049078
## 2672 1088-10004 RR_90 0.919409051 -1.3148842 0.265861817 -1.2559974594
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## 2673 1941-10005 RR_90 0.606541452 -1.3148842 -1.223191800 -1.8561545557
## 2674 1366-10005 RR_90 0.960580212 -1.3148842 0.933196883 -0.4797588563
## 2675 1655-10003 RR_90 0.765477935 -1.3148842 -0.247089763 -1.4874067107
## 2676 2642-10045 RR_90 0.954102063 -1.3148842 1.396347339 -1.7009782207
## 2677 2827-10001 RR_90 0.904633909 -1.3148842 0.689171374 -1.0061907731
## 2678 2114-10001 RR_90 0.896362886 -1.3148842 0.290762379 -0.4483549856
## 2679 1013-10006 RR_90 0.914861666 -1.3148842 1.545750712 -1.7383671114
## 2680 1296-10001 RR_90 0.852874125 -1.3148842 1.162282055 -1.9368886427
## 2681 2164-10043 RR_90 0.913563562 -1.3148842 -1.048887865 -0.3282684427
## 2682 1006-10006 RR_90 0.896349644 -1.3148842 0.166259568 -1.1334718430
## 2683 1060-10005 RR_90 0.908369981 -1.3148842 -0.695299882 -0.7601708873
## 2684 2664-10001 RR_90 0.938035565 -1.3148842 -0.809842468 -0.5373604248
## 2685 2398-10103 RR_90 0.998613322 0.7604456 -0.710240220 1.3233075614
## 2686 1128-10007 RR_90 0.995808957 0.7604456 -0.057845491 1.0662671537
## 2687 2432-10007 RR_90 0.996784252 0.7604456 -0.506055610 0.8616722183
## 2688 1589-10006 RR_90 0.981441303 0.7604456 0.161279456 -0.0300822492
## 2689 1460-10017 RR_90 0.989975051 0.7604456 -0.476174935 -0.1213315142
## 2690 1302-10311 RR_90 0.999810149 0.7604456 0.958097445 0.8430735160
## 2691 1535-10003 RR_90 0.991311183 0.7604456 -0.341711900 0.7520241194
## 2692 1445-10004 RR_90 0.995005596 0.7604456 -0.496095385 1.2249828672
## 2693 2510-10123 RR_90 0.997873510 0.7604456 1.590571724 0.1392058272
## 2694 2398-10075 RR_90 0.998211913 0.7604456 0.310682829 1.2836248889
## 2695 2266-10001 RR_90 0.999398055 0.7604456 2.611494773 1.1586578615
## 2696 2716-10007 RR_90 0.984783612 0.7604456 0.295742492 0.6279636138
## 2697 2238-10001 RR_90 0.993494776 0.7604456 -0.560836847 1.0386673602
## 2698 2398-10008 RR_90 0.998782133 0.7604456 -0.117606840 1.3595125757
## 2699 1477-10034 RR_90 0.997929151 0.7604456 0.554708338 1.2567279873
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##	2700	2244-10002	RR_90	0.994758502	0.7604456	1.764875659	0.3883338549
##	2701	1295-10017	RR_10	0.290772037	0.7604456	-0.306851113	1.3872543764
##	2702	2510-10023	RR_10	0.462233653	0.7604456	0.798733847	1.2446245059
##	2703	2753-10021	RR_10	0.363163698	0.7604456	0.196140243	1.1383493311
##	2704	2432-10001	RR_10	0.395771099	0.7604456	-0.052865379	1.3865046211
##	2705	2967-10003	RR_10	0.331271657	0.7604456	1.655313186	1.1933143934
##	2706	1362-10005	RR_10	0.067988688	0.7604456	-0.924385054	0.4105601383
##	2707	2805-10004	RR_10	0.037818998	0.7604456	0.768853173	0.1995540307
##	2708	1372-10015	RR_10	0.151027912	0.7604456	0.798733847	0.9571833138
##	2709	1302-10355	RR_10	0.398841825	0.7604456	-0.650478870	0.6464899826
##	2710	2432-10004	RR_10	0.355199545	0.7604456	-0.267010213	1.0693868538
##	2711	2398-10073	RR_10	0.418756453	0.7604456	0.803713960	1.2843674249
##	2712	1302-10404	RR_10	0.715176274	0.7604456	0.480006652	0.9311453312
##	2713	1431-10007	RR_10	0.119473943	0.7604456	0.335583391	0.3099200474
##	2714	2734-10002	RR_10	0.227782114	0.7604456	0.903316208	0.2072807834
##	2715	1302-10255	RR_10	0.543417379	0.7604456	-0.172388077	0.7397568032
##	2716	1065-10023	RR_10	0.173750005	0.7604456	0.948137220	0.1487040961
##	2717	1302-10218	RR_10	0.599251089	0.7604456	0.071637432	1.1084562177
##	2718	1058-10003	RR_10	0.430888825	0.7604456	0.943157108	0.9739519538
##	2719	2642-10035	RR_10	0.035429711	-1.3148842	0.664270812	-1.4232259149
##	2720	2510-10067	RR_10	0.272205036	0.7604456	-0.889524267	1.2298972357
##	2721	1867-10002	RR_10	0.244835519	0.7604456	1.227023517	0.9159126909
##	2722	1995-10082	RR_10	0.201871696	0.7604456	0.564668563	1.2806601953
##	2723	1535-10001	RR_10	0.139890964	0.7604456	-0.755061232	0.9624923966
##	2724	1302-10290	RR_10	0.690070418	0.7604456	-0.565816959	0.9339060103
##	2725	1007-10001	RR_10	0.027153253	-1.3148842	0.539768001	0.8120276047
##	2726	1302-10217	RR_10	0.761588671	0.7604456	2.193165328	1.1535071316

##	2727	2449-10066	RR_10	0.247964184	0.7604456	0.470046427	0.7346134843
##	2728	1268-10015	RR_10	0.028956430	0.7604456	-1.178370788	0.3063447170
##	2729	2510-10085	RR_10	0.460106734	0.7604456	0.574628788	1.2594455463
##	2730	1302-10090	RR_10	0.726958710	0.7604456	-0.506055610	1.1334623899
##	2731	1387-10010	RR_10	0.324934618	0.7604456	0.056697095	1.1226697733
##	2732	2398-10034	RR_10	0.499602868	0.7604456	0.893355984	1.2888511745
##	2733	1302-10018	RR_10	0.861465999	0.7604456	1.530810375	1.1477844292
##	2734	1302-10155	RR_10	0.845958866	0.7604456	0.923236658	0.6094673202
##	2735	1302-10344	RR_10	0.839766526	0.7604456	0.719052048	0.9404414954
##	2736	2429-10005	RR_10	0.301128878	0.7604456	0.191160131	1.1325506243
##	2737	2398-10064	RR_10	0.517030476	0.7604456	0.948137220	1.2972174190
##	2738	2461-10024	RR_10	0.128883904	0.7604456	0.260881705	0.9195466449
##	2739	1302-10121	RR_10	0.586428162	0.7604456	-1.123589552	0.4876592776
##	2740	1302-10019	RR_10	0.789618326	0.7604456	0.006895971	1.1513929128
##	2741	1302-10384	RR_10	0.749192201	0.7604456	-0.212228976	0.8603048294
##	2742	1422-10006	RR_10	0.149528611	0.7604456	1.894358582	1.0721720274
##	2743	1700-10001	RR_10	0.163025143	0.7604456	0.639370250	0.5403905475
##	2744	1473-10002	RR_10	0.339661624	0.7604456	-0.262030101	1.1809515262
##	2745	1085-10003	RR_10	0.028643237	0.7604456	1.575631387	0.1130890254
##	2746	1302-10247	RR_10	0.483720169	0.7604456	-1.248092362	0.9622065003
##	2747	2383-10023	RR_10	0.051339170	-1.3148842	0.126418669	-0.5881075149
##	2748	1510-10023	RR_10	0.143138252	0.7604456	-0.217209089	1.0820738363
##	2749	1302-10149	RR_10	0.846843083	0.7604456	1.381407002	1.1469688869
##	2750	2449-10001	RR_10	0.369566296	0.7604456	0.614469687	1.0329001254
##	2751	1302-10327	RR_10	0.701023374	0.7604456	-0.610637971	0.9719031388
##	2752	2606-10013	RR_10	0.332006132	0.7604456	0.046736870	1.1380860290
##	2753	2360-10011	RR_10	0.057399176	0.7604456	1.212083179	0.0594174944

##	2754	1333-10016	RR_10	0.320025697	0.7604456	1.152321830	1.2566222496
##	2755	1454-10001	RR_10	0.058813568	0.7604456	-1.163430451	0.8461217722
##	2756	1302-10038	RR_10	0.907314692	0.7604456	2.641375447	0.8582078916
##	2757	2326-10007	RR_10	0.319530782	0.7604456	1.730014872	1.2525305384
##	2758	1302-10188	RR_10	0.104228321	-1.3148842	-0.386532912	-1.7406431826
##	2759	2644-10010	RR_10	0.188803825	0.7604456	-0.107646615	1.1188607447
##	2760	2510-10124	RR_10	0.748658480	0.7604456	2.561693648	1.2153100664
##	2761	2323-10013	RR_10	0.142603330	0.7604456	0.375424291	1.2793781473
##	2762	2510-10097	RR_10	0.589789772	0.7604456	2.397349938	1.1188710114
##	2763	1302-10283	RR_10	0.857255440	0.7604456	1.092560481	1.1835790351
##	2764	1302-10383	RR_10	0.859511543	0.7604456	1.879418245	1.0319755118
##	2765	1302-10061	RR_10	0.720703881	0.7604456	-1.019007190	1.3053602664
##	2766	1362-10010	RR_10	0.384054704	0.7604456	0.604509463	0.3859402170
##	2767	1302-10327	RR_10	0.701023374	0.7604456	-0.610637971	0.9719031388
##	2768	1302-10320	RR_10	0.604369394	0.7604456	-0.799882243	0.8048268653
##	2769	1302-10349	RR_10	0.696175597	0.7604456	-0.326771562	0.4574026776
##	2770	2326-10008	RR_10	0.124491911	0.7604456	1.271844528	0.4997330071
##	2771	1302-10243	RR_10	0.504158721	0.7604456	-0.107646615	0.9855882999
##	2772	1149-10021	RR_10	0.065850647	-1.3148842	1.754915434	-0.9973165818
##	2773	2491-10002	RR_10	0.168039690	0.7604456	-0.446294261	0.9535728055
##	2774	1302-10058	RR_10	0.774593279	0.7604456	0.196140243	1.0639476764
##	2775	2223-10001	RR_10	0.902923209	0.7604456	8.836635313	1.0875350444
##	2776	1302-10355	RR_10	0.398841825	0.7604456	-0.650478870	0.6464899826
##	2777	1302-10144	RR_10	0.813091957	0.7604456	0.166259568	1.1304382151
##	2778	2571-10031	RR_10	0.063471261	0.7604456	0.250921480	0.4001247384
##	2779	1302-10340	RR_10	0.778448893	0.7604456	0.768853173	0.9022835728
##	2780	1302-10279	RR_10	0.626508959	0.7604456	-0.052865379	0.9201312231

##	2781	1302-10266	RR_10	0.821290790	0.7604456	1.266864416	1.2101483366
##	2782	1477-10014	RR_10	0.418929480	0.7604456	0.823634410	1.3437842714
##	2783	1302-10045	RR_10	0.792287064	0.7604456	0.345543616	0.6344491083
##	2784	1302-10057	RR_10	0.733076827	0.7604456	-1.253072475	1.0101278660
##	2785	2294-10001	RR_10	0.330462352	0.7604456	0.101518107	1.2896770791
##	2786	1302-10140	RR_10	0.645778337	0.7604456	-0.770001569	1.0600586645
##	2787	2788-10010	RR_10	0.432112620	0.7604456	0.654310587	1.1971650288
##	2788	1302-10412	RR_10	0.784816105	0.7604456	0.250921480	0.7074910240
##	2789	1302-10019	RR_10	0.789618326	0.7604456	0.006895971	1.1513929128
##	2790	2459-10008	RR_10	0.208633939	0.7604456	2.023841506	0.9397861920
##	2791	1302-10018	RR_10	0.861465999	0.7604456	1.530810375	1.1477844292
##	2792	1302-10339	RR_10	0.773516806	0.7604456	1.864477908	0.6804906697
##	2793	2398-10059	RR_10	0.309698886	0.7604456	-0.356652237	1.3547233296
##	2794	1302-10015	RR_10	0.862891142	0.7604456	1.720054647	1.0488308137
##	2795	1302-10128	RR_10	0.864632082	0.7604456	1.505909813	1.1124980004
##	2796	2263-10006	RR_10	0.317210822	0.7604456	1.187182617	1.2002641255
##	2797	2398-10007	RR_10	0.448205404	0.7604456	-0.366612462	1.3270180327
##	2798	1302-10329	RR_10	0.555662885	0.7604456	0.096537994	0.7229112541
##	2799	1302-10347	RR_10	0.398740216	0.7604456	-0.441314148	0.5509896009
##	2800	2282-10014	RR_10	0.317689912	0.7604456	0.753912835	1.2589615301
##	2801	1459-10007	RR_10	0.348872300	0.7604456	-0.944305504	1.1047437000
##	2802	1302-10224	RR_10	0.537635443	0.7604456	-0.680359545	1.0338217260
##	2803	1302-10198	RR_10	0.822985434	0.7604456	3.786801307	0.9009862601
##	2804	1302-10291	RR_10	0.661831059	0.7604456	-0.321791450	0.7922727487
##	2805	1065-10023	RR_10	0.173750005	0.7604456	0.948137220	0.1487040961
##	2806	2567-10006	RR_10	0.410017116	0.7604456	0.081597657	1.4031751759
##	2807	1302-10037	RR_10	0.861729885	0.7604456	0.778813398	1.2585860008

##	2808	1302-10384	RR_10	0.749192201	0.7604456	-0.212228976	0.8603048294
##	2809	2398-10104	RR_10	0.524727181	0.7604456	0.614469687	1.1701658038
##	2810	1302-10326	RR_10	0.683891757	0.7604456	-0.326771562	0.5444075410
##	2811	1302-10256	RR_10	0.364647244	-1.3148842	0.699131599	-0.5717565699
##	2812	1302-10113	RR_10	0.692334268	0.7604456	-0.496095385	1.0873082290
##	2813	1995-10089	RR_10	0.437609606	0.7604456	3.956125129	1.0384963974
##	2814	1302-10262	RR_10	0.790916670	0.7604456	0.415265190	1.1586091084
##	2815	1302-10169	RR_10	0.766865847	0.7604456	-1.277973037	1.2682656196
##	2816	1302-10341	RR_10	0.865483626	0.7604456	1.555710937	1.2954281035
##	2817	1680-10001	RR_10	0.358860512	0.7604456	2.895361181	0.5496734542
##	2818	1302-10014	RR_10	0.776637513	0.7604456	0.001915858	1.1429826324
##	2819	1302-10055	RR_10	0.869531744	0.7604456	0.987978120	1.2067540238
##	2820	1302-10252	RR_10	0.768004604	0.7604456	0.300722604	0.6739894307
##	2821	1477-10033	RR_10	0.192859577	0.7604456	-0.042905154	0.8615180737
##	2822	2449-10022	RR_10	0.177253655	0.7604456	-0.122586953	0.5951529613
##	2823	1281-10002	RR_10	0.057548016	0.7604456	-0.660439095	0.7998013677
##	2824	1394-10012	RR_10	0.085399011	0.7604456	0.699131599	0.9340471439
##	2825	2615-10006	RR_10	0.151357832	0.7604456	-0.003064254	0.6265779214
##	2826	2449-10020	RR_10	0.200257831	0.7604456	-0.252069876	0.6607431563
##	2827	2532-10008	RR_10	0.251741534	0.7604456	1.162282055	0.8670569453
##	2828	1456-10013	RR_10	0.223648741	0.7604456	0.305702717	1.2878198561
##	2829	2448-10041	RR_10	0.049341783	-1.3148842	0.509887326	-1.1026957556
##	2830	2510-10038	RR_10	0.442943793	0.7604456	0.743952611	1.1379212144
##	2831	2360-10002	RR_10	0.024457119	-1.3148842	-0.346692012	-0.9505635991
##	2832	2532-10017	RR_10	0.075762835	0.7604456	0.231001030	0.8037925773
##	2833	2472-10006	RR_10	0.216001413	0.7604456	1.022838907	0.9022323195
##	2834	2398-10075	RR_10	0.353476378	0.7604456	0.310682829	1.2836248889

##	2835	2398-10083	RR_10	0.417420979	0.7604456	0.365464066	0.8873113350
##	2836	2523-10016	RR_10	0.260242059	0.7604456	0.743952611	0.7845126722
##	2837	1343-10007	RR_10	0.081426504	0.7604456	-0.232149426	1.1653408835
##	2838	2510-10139	RR_10	0.375215558	0.7604456	0.325623166	1.0251591352
##	2839	1466-10002	RR_10	0.114195096	0.7604456	0.211080580	0.8126587403
##	2840	2449-10001	RR_10	0.369566296	0.7604456	0.614469687	1.0329001254
##	2841	2360-10016	RR_10	0.007470286	-1.3148842	0.943157108	-1.4941767850
##	2842	1387-10002	RR_10	0.183047020	0.7604456	0.300722604	0.6111735801
##	2843	2967-10001	RR_10	0.286672077	0.7604456	0.898336096	1.2033650817
##	2844	1431-10002	RR_10	0.117293623	0.7604456	0.554708338	0.7770888702
##	2845	2398-10072	RR_10	0.344281843	0.7604456	-0.252069876	1.1676849911
##	2846	1209-10006	RR_10	0.073348903	0.7604456	-0.794902131	0.7950960692
##	2847	1199-10003	RR_10	0.111873744	0.7604456	0.245941367	0.8316367854
##	2848	1560-10003	RR_10	0.073553378	0.7604456	-0.540916397	0.8694970847
##	2849	1379-10008	RR_10	0.112824612	0.7604456	0.659290699	0.9010723615
##	2850	1744-10007	RR_10	0.016841760	-1.3148842	-0.281950550	-0.7187427128
##	2851	2642-10039	RR_10	0.030206884	-1.3148842	-0.262030101	-1.4032376911
##	2852	2736-10005	RR_10	0.083058242	0.7604456	0.001915858	0.8515721869
##	2853	1275-10005	RR_10	0.010408011	0.7604456	-0.008044367	0.0979015904
##	2854	1462-10003	RR_10	0.056166820	0.7604456	0.913276433	0.9088749554
##	2855	2980-10002	RR_10	0.002959932	-1.3148842	-0.535936284	-1.4909898221
##	2856	2515-10014	RR_10	0.012546181	-1.3148842	0.191160131	-1.7097496021
##	2857	2448-10030	RR_10	0.054222713	-1.3148842	0.928216771	-1.3408455641
##	2858	2400-10001	RR_10	0.008131831	0.7604456	1.142361605	0.1320683665
##	2859	2211-10006	RR_10	0.009354322	-1.3148842	0.893355984	-1.3659368324
##	2860	2354-10001	RR_10	0.011817757	0.7604456	0.953117333	0.5736403370
##	2861	1155-10012	RR_10	0.021445551	-1.3148842	0.121438557	-1.9576027623

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## 2862 2755-10017 RR_10 0.027647224 0.7604456 -0.072785828 -0.0029520788
## 2863 1565-10004 RR_10 0.007611785 -1.3148842 0.579608900 -0.3702780206
## 2864 2300-10009 RR_10 0.023320006 0.7604456 0.773833285 -0.0820504865
## 2865 1245-10001 RR_10 0.004041750 -1.3148842 0.191160131 -1.8452339233
## 2866 1778-10004 RR_10 0.014719980 0.7604456 -1.492117871 0.1849804760
## 2867 1181-10021 RR_10 0.026150904 -1.3148842 1.246943966 -0.9643598359
## 2868 2710-10012 RR_10 0.018186890 -1.3148842 1.416267789 -1.4265563657
## 2869 1089-10004 RR_10 0.010255205 0.7604456 -0.466214710 -0.5276491135
## 2870 2195-10001 RR_10 0.003637690 0.7604456 -1.955268328 0.3625047640
## 2871 1181-10008 RR_10 0.024026043 -1.3148842 2.083602855 -1.1557519108
## 2872 1479-10004 RR_10 0.032856046 0.7604456 0.116458444 -0.7187912040
## 2873 2814-10001 RR_10 0.060064814 0.7604456 1.670253523 -0.0225607183
## 2874 1188-10004 RR_10 0.022019324 -1.3148842 1.500929700 -1.4089565870
## 2875 1091-10002 RR_10 0.023794600 0.7604456 -0.122586953 -0.8004548710
## 2876 2548-10008 RR_10 0.046206978 -1.3148842 1.894358582 -0.6857575913
## 2877 1437-10016 RR_10 0.015347553 -1.3148842 -1.352674723 -1.1226335041
## 2878 1360-10010 RR_10 0.012180938 -1.3148842 0.659290699 -1.8013970198
## 2879 1188-10012 RR_10 0.041863212 -1.3148842 1.759895547 -0.7673508180
## 2880 2644-10060 RR_10 0.052284281 -1.3148842 2.636395335 -1.4245544882
## 2881 2159-10002 RR_10 0.024567895 0.7604456 -1.004066853 -0.1977409030
## 2882 2400-10001 RR_10 0.008131831 0.7604456 1.142361605 0.1320683665
## 2883 2300-10009 RR_10 0.023320006 0.7604456 0.773833285 -0.0820504865
## 2884 2678-10001 RR_10 0.005689911 0.7604456 -1.512038321 0.4955536392
## 2885 1479-10004 RR_10 0.032856046 0.7604456 0.116458444 -0.7187912040
## 2886 2195-10001 RR_10 0.003637690 0.7604456 -1.955268328 0.3625047640
## 2887 2354-10001 RR_10 0.011817757 0.7604456 0.953117333 0.5736403370
## 2888 1686-10001 RR_10 0.309825448 0.7604456 5.485019646 0.3315895841
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## 2889 1459-10027 RR_10 0.019832017 0.7604456 -0.630558421 -1.0720206607
## 2890 2517-10001 RR_10 0.011896143 -1.3148842 1.570651274 0.2011012433
## 2891 1778-10004 RR_10 0.014719980 0.7604456 -1.492117871 0.1849804760
## 2892 2448-10032 RR_10 0.056067608 -1.3148842 0.948137220 -1.8609288669
## 2893 1149-10021 RR_10 0.065850647 -1.3148842 1.754915434 -0.9973165818
## 2894 1155-10012 RR_10 0.021445551 -1.3148842 0.121438557 -1.9576027623
## 2895 1106-10002 RR_10 0.374142506 -1.3148842 6.625465393 -0.0948524505
## 2896 2515-10014 RR_10 0.012546181 -1.3148842 0.191160131 -1.7097496021
## 2897 2642-10035 RR_10 0.035429711 -1.3148842 0.664270812 -1.4232259149
## 2898 2642-10039 RR_10 0.030206884 -1.3148842 -0.262030101 -1.4032376911
## 2899 2461-10024 RR_10 0.128883904 0.7604456 0.260881705 0.9195466449
## 2900 1302-10009 RR_10 0.712492856 0.7604456 1.784796109 1.1077576002
## 2901 1351-10009 RR_10 0.208112102 0.7604456 0.405304965 1.2968602403
## 2902 2642-10006 RR_10 0.159288789 0.7604456 1.301725203 0.9590071106
## 2903 1169-10008 RR_10 0.075799809 0.7604456 0.245941367 1.0756334090
## 2904 1145-10012 RR_10 0.174320824 0.7604456 1.715074535 1.2528465479
## 2905 1302-10172 RR_10 0.516098567 0.7604456 -0.969206066 1.3328779129
## 2906 1247-10004 RR_10 0.090183905 0.7604456 -1.073788427 1.3456429606
## 2907 1538-10001 RR_10 0.028985683 0.7604456 -1.382555398 1.3881099007
## 2908 1400-10003 RR_10 0.125251768 0.7604456 0.066657320 1.2750957096
## 2909 2398-10010 RR_10 0.133061610 0.7604456 0.440165752 0.5836547150
## 2910 2345-10002 RR_10 0.162623799 0.7604456 0.340563504 1.0848508870
## 2911 1188-10012 RR_10 0.041863212 -1.3148842 1.759895547 -0.7673508180
## 2912 2211-10006 RR_10 0.009354322 -1.3148842 0.893355984 -1.3659368324
## 2913 1565-10004 RR_10 0.007611785 -1.3148842 0.579608900 -0.3702780206
## 2914 1471-10008 RR_10 0.020566038 -1.3148842 -0.750081119 -0.4865798075
## 2915 1135-10035 RR_10 0.067976632 -1.3148842 2.168264766 -1.1134143702
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## 2916 1437-10016 RR_10 0.015347553 -1.3148842 -1.352674723 -1.1226335041
## 2917 2407-10001 RR_10 0.095159848 -1.3148842 0.315662941 0.2984649534
## 2918 2448-10018 RR_10 0.039049985 -1.3148842 -0.022984704 -1.1457639736
## 2919 2360-10016 RR_10 0.007470286 -1.3148842 0.943157108 -1.4941767850
## 2920 1360-10010 RR_10 0.012180938 -1.3148842 0.659290699 -1.8013970198
## 2921 1181-10008 RR_10 0.024026043 -1.3148842 2.083602855 -1.1557519108
## 2922 2548-10008 RR_10 0.046206978 -1.3148842 1.894358582 -0.6857575913
## 2923 2644-10060 RR_10 0.052284281 -1.3148842 2.636395335 -1.4245544882
## 2924 2980-10002 RR_10 0.002959932 -1.3148842 -0.535936284 -1.4909898221
## 2925 2510-10032 RR_10 0.507439588 0.7604456 1.675233635 1.3369217405
## 2926 1995-10071 RR_10 0.308605361 0.7604456 0.609489575 1.4066858772
## 2927 1302-10126 RR_10 0.846494836 0.7604456 2.163284654 1.1803443763
## 2928 2449-10043 RR_10 0.374307293 0.7604456 0.146339119 1.0827997025
## 2929 1995-10082 RR_10 0.201871696 0.7604456 0.564668563 1.2806601953
## 2930 1995-10087 RR_10 0.205663222 0.7604456 -0.222189201 0.9625066303
## 2931 2786-10003 RR_10 0.116919489 0.7604456 -0.386532912 0.6157908394
## 2932 2510-10103 RR_10 0.570190932 0.7604456 1.590571724 1.3213810839
## 2933 1013-10013 RR_10 0.064598050 0.7604456 -0.087726166 0.0558841340
## 2934 1463-10003 RR_10 0.196308619 0.7604456 -1.188331013 0.8977487591
## 2935 1995-10086 RR_10 0.254759426 0.7604456 1.959100044 1.4066558458
## 2936 2232-10003 RR_10 0.140903920 0.7604456 -1.053867977 0.9289949254
## 2937 1302-10406 RR_10 0.801061211 0.7604456 0.460086202 1.0037723673
## 2938 1295-10014 RR_10 0.223347480 0.7604456 -0.077765941 1.2311846556
## 2939 2491-10012 RR_10 0.158776987 0.7604456 1.057699694 0.9575938974
## 2940 1535-10001 RR_10 0.139890964 0.7604456 -0.755061232 0.9624923966
## 2941 1089-10004 RR_10 0.010255205 0.7604456 -0.466214710 -0.5276491135
## 2942 1686-10001 RR_10 0.309825448 0.7604456 5.485019646 0.3315895841
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## 2943 2159-10002 RR_10 0.024567895 0.7604456 -1.004066853 -0.1977409030
## 2944 1995-10037 RR_10 0.107004320 0.7604456 3.019863992 -0.9391829223
## 2945 1778-10004 RR_10 0.014719980 0.7604456 -1.492117871 0.1849804760
## 2946 1479-10004 RR_10 0.032856046 0.7604456 0.116458444 -0.7187912040
## 2947 1695-10001 RR_10 0.160628145 0.7604456 1.017858794 0.0605935681
## 2948 2206-10002 RR_10 0.052834830 0.7604456 4.713102219 -0.5551050774
## 2949 2814-10001 RR_10 0.060064814 0.7604456 1.670253523 -0.0225607183
## 2950 1459-10027 RR_10 0.019832017 0.7604456 -0.630558421 -1.0720206607
## 2951 2755-10017 RR_10 0.027647224 0.7604456 -0.072785828 -0.0029520788
## 2952 2432-10019 RR_10 0.160408411 -1.3148842 0.295742492 -0.6396508707
## 2953 1302-10188 RR_10 0.104228321 -1.3148842 -0.386532912 -1.7406431826
## 2954 1106-10002 RR_10 0.374142506 -1.3148842 6.625465393 -0.0948524505
## 2955 1115-10007 RR_10 0.111680031 -1.3148842 1.276824641 0.0218919416
## 2956 1302-10157 RR_10 0.285472519 -1.3148842 -1.128569664 -1.0551273499
## 2957 1302-10135 RR_10 0.247274890 -1.3148842 -0.929365167 -0.3306744036
## 2958 2734-10006 RR_10 0.154343780 -1.3148842 0.554708338 -0.9631107628
## 2959 1276-10002 RR_10 0.324209539 0.7604456 3.159307140 1.0145073511
## 2960 1302-10202 RR_10 0.683123405 0.7604456 2.113483530 1.0222477400
## 2961 1302-10200 RR_10 0.896431057 0.7604456 5.908329203 0.7915258982
## 2962 1302-10154 RR_10 0.667589411 0.7604456 0.768853173 0.3756694964
## 2963 1302-10240 RR_10 0.550157746 0.7604456 0.360483953 1.2229790193
## 2964 1391-10016 RR_10 0.169394267 0.7604456 0.171239681 1.2509081017
## 2965 1302-10009 RR_10 0.712492856 0.7604456 1.784796109 1.1077576002
## 2966 1302-10243 RR_10 0.504158721 0.7604456 -0.107646615 0.9855882999
## 2967 1302-10080 RR_10 0.434385611 0.7604456 -0.894504380 0.8678388740
## 2968 1366-10010 RR_10 0.088952217 0.7604456 -0.491115273 1.2383413014
## 2969 1302-10328 RR_10 0.522174640 0.7604456 -0.182348302 1.2321509378
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## 2970 2571-10026 RR_10 0.376176183 0.7604456 1.854517683 1.1580879388
## 2971 1188-10012 RR_10 0.041863212 -1.3148842 1.759895547 -0.7673508180
## 2972 2644-10060 RR_10 0.052284281 -1.3148842 2.636395335 -1.4245544882
## 2973 1188-10004 RR_10 0.022019324 -1.3148842 1.500929700 -1.4089565870
## 2974 1471-10008 RR_10 0.020566038 -1.3148842 -0.750081119 -0.4865798075
## 2975 1437-10016 RR_10 0.015347553 -1.3148842 -1.352674723 -1.1226335041
## 2976 1302-10143 RR_10 0.425293993 -1.3148842 -1.342714499 -1.4151166510
## 2977 2407-10001 RR_10 0.095159848 -1.3148842 0.315662941 0.2984649534
## 2978 2448-10018 RR_10 0.039049985 -1.3148842 -0.022984704 -1.1457639736
## 2979 1135-10035 RR_10 0.067976632 -1.3148842 2.168264766 -1.1134143702
## 2980 1181-10021 RR_10 0.026150904 -1.3148842 1.246943966 -0.9643598359
## 2981 2548-10008 RR_10 0.046206978 -1.3148842 1.894358582 -0.6857575913
## 2982 1181-10008 RR_10 0.024026043 -1.3148842 2.083602855 -1.1557519108
## 2983 2360-10016 RR_10 0.007470286 -1.3148842 0.943157108 -1.4941767850
## 2984 2710-10012 RR_10 0.018186890 -1.3148842 1.416267789 -1.4265563657
## 2985 2510-10117 RR_10 0.545233145 0.7604456 1.336585990 1.2833339114
## 2986 1302-10384 RR_10 0.749192201 0.7604456 -0.212228976 0.8603048294
## 2987 2398-10094 RR_10 0.391310074 0.7604456 -0.545896509 1.3589387163
## 2988 2398-10071 RR_10 0.390824351 0.7604456 -0.192308527 1.3567216033
## 2989 1302-10103 RR_10 0.795516942 0.7604456 0.186180018 1.0035757676
## 2990 1302-10155 RR_10 0.845958866 0.7604456 0.923236658 0.6094673202
## 2991 2398-10066 RR_10 0.466069450 0.7604456 0.763873060 0.9782149091
## 2992 1302-10073 RR_10 0.792625100 0.7604456 0.101518107 0.8172204376
## 2993 1063-10001 RR_10 0.313587646 0.7604456 -0.142507402 1.3000787140
## 2994 1372-10031 RR_10 0.166314086 0.7604456 -1.078768540 1.2741350547
## 2995 1302-10392 RR_10 0.867656958 0.7604456 1.436188239 0.9224079814
## 2996 2510-10026 RR_10 0.669876711 0.7604456 1.924239257 1.3247088239
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##	2997	1302-10321	RR_10	0.620405818	0.7604456	-0.869603817	0.6557996690
##	2998	1327-10001	RR_10	0.196782987	0.7604456	0.201120355	1.0758711672
##	2999	1477-10014	RR_10	0.418929480	0.7604456	0.823634410	1.3437842714
##	3000	1387-10010	RR_10	0.324934618	0.7604456	0.056697095	1.1226697733
##	3001	1302-10270	RR_20	0.798158613	0.7604456	0.748932723	0.6250121089
##	3002	1685-10001	RR_20	0.255606498	0.7604456	1.162282055	-0.1977860847
##	3003	1302-10051	RR_20	0.947285132	0.7604456	0.375424291	0.7825926280
##	3004	2398-10088	RR_20	0.674294687	0.7604456	0.146339119	1.3455688911
##	3005	2664-10016	RR_20	0.453217509	0.7604456	-0.346692012	0.8611683443
##	3006	1450-10011	RR_20	0.032282375	-1.3148842	0.131398781	-1.6237410474
##	3007	2459-10007	RR_20	0.458832096	0.7604456	1.256904191	1.1728294227
##	3008	1295-10001	RR_20	0.207410878	0.7604456	-0.027964816	0.8639966783
##	3009	2788-10024	RR_20	0.707711165	0.7604456	0.534787888	1.2843995693
##	3010	1460-10006	RR_20	0.437712823	0.7604456	-0.939325392	1.1070019801
##	3011	1445-10004	RR_20	0.387277215	0.7604456	-0.496095385	1.2249828672
##	3012	1464-10032	RR_20	0.350840053	0.7604456	-0.665419208	1.3233752300
##	3013	1141-10017	RR_20	0.127944365	-1.3148842	-0.431353923	0.4926338068
##	3014	1403-10004	RR_20	0.060608874	0.7604456	0.250921480	0.6949138730
##	3015	2286-10025	RR_20	0.511493347	0.7604456	-1.073788427	1.2915657569
##	3016	1995-10057	RR_20	0.502664353	0.7604456	-0.436334036	1.4016994095
##	3017	1410-10006	RR_20	0.335386219	0.7604456	0.579608900	1.0522211004
##	3018	2432-10016	RR_20	0.654821466	0.7604456	-0.057845491	1.2659627226
##	3019	2967-10038	RR_20	0.457475695	0.7604456	-0.371592574	1.0938282040
##	3020	1474-10018	RR_20	0.059705480	-1.3148842	0.216060693	-1.9241138693
##	3021	2126-10002	RR_20	0.232130615	0.7604456	-0.062825603	0.4138087979
##	3022	2534-10020	RR_20	0.343738360	0.7604456	3.941184792	-0.3828464159
##	3023	2967-10002	RR_20	0.631681202	0.7604456	1.207103067	1.3274680855

##	3024	1302-10111	RR_20	0.837075071	0.7604456	-1.028967415	0.9060604438
##	3025	1302-10311	RR_20	0.943527762	0.7604456	0.958097445	0.8430735160
##	3026	1302-10126	RR_20	0.946988595	0.7604456	2.163284654	1.1803443763
##	3027	1647-10006	RR_20	0.149095537	0.7604456	-0.381552799	1.2232419715
##	3028	1302-10238	RR_20	0.857751122	0.7604456	1.446148464	1.0507231801
##	3029	2323-10031	RR_20	0.637172362	0.7604456	0.694151486	1.3653576587
##	3030	2829-10026	RR_20	0.511668272	0.7604456	1.515870038	0.4937549239
##	3031	2398-10025	RR_20	0.608536209	0.7604456	-0.595697634	1.2436096177
##	3032	1995-10038	RR_20	0.524366619	0.7604456	-0.286930663	1.1979452426
##	3033	1302-10242	RR_20	0.881495438	0.7604456	2.118463642	0.9959118208
##	3034	2670-10021	RR_20	0.487608064	0.7604456	-0.540916397	1.0291600745
##	3035	2153-10004	RR_20	0.056330509	0.7604456	-1.676382031	1.0580514727
##	3036	1898-10001	RR_20	0.187792998	0.7604456	-0.725180557	0.8851922807
##	3037	1302-10091	RR_20	0.898291344	0.7604456	1.421247901	0.9280126391
##	3038	1618-10001	RR_20	0.007563658	-1.3148842	-0.565816959	-0.3846835982
##	3039	1339-10001	RR_20	0.157893022	0.7604456	-0.695299882	1.0051423467
##	3040	1302-10360	RR_20	0.917534551	0.7604456	0.345543616	0.9170670057
##	3041	2398-10079	RR_20	0.891330062	0.7604456	1.964080157	1.3290185774
##	3042	2266-10002	RR_20	0.798077889	0.7604456	2.696156684	1.1329591895
##	3043	2967-10030	RR_20	0.472641023	0.7604456	0.176219793	1.1104971880
##	3044	1995-10035	RR_20	0.124612504	0.7604456	-0.296890888	-0.4835785890
##	3045	1394-10004	RR_20	0.366883986	0.7604456	2.193165328	1.0425164258
##	3046	1381-10023	RR_20	0.319388074	-1.3148842	1.117461043	-0.1783557391
##	3047	2398-10014	RR_20	0.691608027	0.7604456	0.475026539	1.1339187936
##	3048	1452-10010	RR_20	0.321715099	0.7604456	0.066657320	1.0265533318
##	3049	2472-10006	RR_20	0.471602544	0.7604456	1.022838907	0.9022323195
##	3050	1302-10302	RR_20	0.700568152	0.7604456	-0.067805716	0.0918322893

##	3051	2266-10003	RR_20	0.716679402	0.7604456	2.213085778	0.7594638668
##	3052	1302-10194	RR_20	0.893387899	0.7604456	0.624429912	0.6921022853
##	3053	1135-10012	RR_20	0.248011638	0.7604456	-0.506055610	0.8845710390
##	3054	2398-10070	RR_20	0.736739459	0.7604456	0.709091824	1.3479508361
##	3055	2459-10001	RR_20	0.535910667	0.7604456	0.350523728	0.8747548261
##	3056	2381-10009	RR_20	0.151870419	-1.3148842	0.380404403	-1.8621382936
##	3057	1302-10125	RR_20	0.918930710	0.7604456	-0.172388077	0.9179575804
##	3058	1302-10003	RR_20	0.804992084	0.7604456	-0.271990326	1.2522768650
##	3059	1460-10021	RR_20	0.231474852	0.7604456	-0.281950550	0.0279727337
##	3060	2398-10013	RR_20	0.867435257	0.7604456	2.925241856	1.1545946332
##	3061	2398-10124	RR_20	0.718433069	0.7604456	-0.202268752	1.3035323723
##	3062	2788-10012	RR_20	0.564662379	0.7604456	1.804716559	-0.6264259430
##	3063	1302-10240	RR_20	0.798463403	0.7604456	0.360483953	1.2229790193
##	3064	2282-10012	RR_20	0.544574153	0.7604456	-0.252069876	0.9172227040
##	3065	1302-10074	RR_20	0.927422181	0.7604456	0.445145865	0.8325469271
##	3066	2428-10002	RR_20	0.354083463	0.7604456	-0.530956172	1.3933098345
##	3067	2657-10008	RR_20	0.265121605	0.7604456	0.539768001	1.0377427815
##	3068	1455-10008	RR_20	0.587773219	0.7604456	0.504907214	1.0406711680
##	3069	1502-10006	RR_20	0.222796029	0.7604456	-0.839723143	-0.4628899862
##	3070	2214-10001	RR_20	0.711840240	0.7604456	0.126418669	1.3218117544
##	3071	1302-10400	RR_20	0.911199803	0.7604456	-0.262030101	1.1134784292
##	3072	1456-10038	RR_20	0.326342890	0.7604456	-0.067805716	1.3050492454
##	3073	2326-10007	RR_20	0.603359075	0.7604456	1.730014872	1.2525305384
##	3074	2398-10105	RR_20	0.868652733	0.7604456	1.789776221	1.2974161119
##	3075	1302-10139	RR_20	0.795856227	0.7604456	-1.736143381	0.1718425967
##	3076	2664-10016	RR_20	0.453217509	0.7604456	-0.346692012	0.8611683443
##	3077	2534-10020	RR_20	0.343738360	0.7604456	3.941184792	-0.3828464159

##	3078	2567-10014	RR_20	0.660731074	0.7604456	0.410285078	1.3549976727
##	3079	1302-10009	RR_20	0.889233182	0.7604456	1.784796109	1.1077576002
##	3080	1139-10003	RR_20	0.403886409	0.7604456	0.709091824	0.7352660801
##	3081	1995-10065	RR_20	0.468180504	0.7604456	-0.665419208	1.3952392697
##	3082	1302-10063	RR_20	0.941872928	0.7604456	0.504907214	1.2980055057
##	3083	1094-10002	RR_20	0.505375135	0.7604456	1.784796109	0.1515455178
##	3084	2413-10007	RR_20	0.269545316	0.7604456	-0.481155048	1.3788686969
##	3085	1302-10377	RR_20	0.931231788	0.7604456	0.818654297	0.7293075518
##	3086	1995-10014	RR_20	0.489035507	0.7604456	-0.690319770	1.2489074208
##	3087	1302-10082	RR_20	0.825164489	0.7604456	0.275822042	1.0429418098
##	3088	1302-10152	RR_20	0.914539706	0.7604456	0.081597657	1.0100238397
##	3089	1650-10016	RR_20	0.411794618	0.7604456	-0.969206066	0.5287863551
##	3090	1044-10016	RR_20	0.544013425	0.7604456	2.696156684	1.2276698718
##	3091	2282-10034	RR_20	0.467383892	0.7604456	0.455106090	0.9496300064
##	3092	1500-10008	RR_20	0.483241244	0.7604456	0.504907214	-1.0629741328
##	3093	1302-10094	RR_20	0.814670670	0.7604456	-1.795904730	0.7311675706
##	3094	1135-10011	RR_20	0.464138502	0.7604456	1.102520706	0.9027914560
##	3095	2755-10003	RR_20	0.330224576	0.7604456	0.748932723	0.9785379031
##	3096	1207-10012	RR_20	0.601724106	0.7604456	1.411287677	1.1660002421
##	3097	1302-10041	RR_20	0.934672020	0.7604456	0.315662941	0.8789746169
##	3098	2814-10001	RR_20	0.171508090	0.7604456	1.670253523	-0.0225607183
##	3099	1063-10002	RR_20	0.531754215	0.7604456	0.380404403	1.0915315046
##	3100	2788-10009	RR_20	0.699858702	0.7604456	1.510889925	1.0335604567
##	3101	2449-10013	RR_20	0.639415306	0.7604456	-0.854663480	1.1743472874
##	3102	1379-10002	RR_20	0.426645274	0.7604456	0.574628788	0.8372862214
##	3103	1207-10018	RR_20	0.144547772	-1.3148842	0.196140243	-0.0920305503
##	3104	1302-10219	RR_20	0.798448054	0.7604456	-0.057845491	0.7413966354

##	3105	1302-10226	RR_20	0.836850984	0.7604456	0.504907214	1.0505736990
##	3106	1995-10059	RR_20	0.522036712	0.7604456	-0.027964816	1.2106300085
##	3107	1302-10140	RR_20	0.855195248	0.7604456	-0.770001569	1.0600586645
##	3108	2013-10003	RR_20	0.422097908	0.7604456	1.471049026	1.1716622574
##	3109	2717-10026	RR_20	0.386559594	0.7604456	-0.804862356	1.3393450166
##	3110	2644-10013	RR_20	0.529281342	0.7604456	0.599529350	0.7285113830
##	3111	2218-10004	RR_20	0.807400593	0.7604456	4.782823793	0.5373885622
##	3112	1302-10198	RR_20	0.937737839	0.7604456	3.786801307	0.9009862601
##	3113	2429-10005	RR_20	0.582606374	0.7604456	0.191160131	1.1325506243
##	3114	2746-10018	RR_20	0.581305511	0.7604456	2.805719158	0.6203667725
##	3115	1302-10261	RR_20	0.653133161	0.7604456	-0.590717521	-0.0515256215
##	3116	1302-10005	RR_20	0.842824564	0.7604456	0.868455421	0.9954836518
##	3117	1382-10001	RR_20	0.359010938	0.7604456	1.560691050	-0.3354384431
##	3118	2326-10001	RR_20	0.455130323	0.7604456	-0.137527290	1.1269111017
##	3119	1302-10173	RR_20	0.905946740	0.7604456	-0.486135160	0.8117984067
##	3120	2552-10019	RR_20	0.294826177	0.7604456	0.604509463	1.3459524318
##	3121	1207-10052	RR_20	0.408092276	0.7604456	0.061677207	1.0041499941
##	3122	2398-10133	RR_20	0.619442494	0.7604456	0.320643054	1.2110965365
##	3123	2398-10049	RR_20	0.535713946	0.7604456	-0.286930663	0.9633732096
##	3124	1298-10039	RR_20	0.417501780	0.7604456	0.061677207	1.1376488472
##	3125	1114-10001	RR_20	0.055950389	-1.3148842	-0.192308527	-1.5852462125
##	3126	1193-10006	RR_20	0.381979319	0.7604456	0.046736870	1.1016890404
##	3127	2596-10001	RR_20	0.016762452	0.7604456	-0.366612462	0.4308265640
##	3128	1410-10007	RR_20	0.206133115	0.7604456	-0.008044367	0.7952338966
##	3129	1233-10017	RR_20	0.327930321	0.7604456	-0.142507402	0.5021907059
##	3130	1297-10004	RR_20	0.165175316	0.7604456	0.295742492	0.9315863390
##	3131	1298-10009	RR_20	0.484887233	0.7604456	0.325623166	1.2131153180

##	3132	1487-10002	RR_20	0.396172528	0.7604456	0.071637432	0.7036465155
##	3133	1470-10011	RR_20	0.254932117	0.7604456	1.162282055	0.7603283148
##	3134	2563-10018	RR_20	0.222478093	0.7604456	0.201120355	0.8584293626
##	3135	2432-10031	RR_20	0.362588676	0.7604456	-0.212228976	0.8410994607
##	3136	2967-10005	RR_20	0.555719506	0.7604456	0.420245303	1.2386018960
##	3137	2398-10077	RR_20	0.561057912	0.7604456	-0.286930663	0.8792956028
##	3138	1456-10013	RR_20	0.482727301	0.7604456	0.305702717	1.2878198561
##	3139	1076-10005	RR_20	0.424640506	0.7604456	0.788773623	1.0871366283
##	3140	1379-10006	RR_20	0.263521748	0.7604456	0.221040805	0.8772758139
##	3141	1232-10001	RR_20	0.263200848	0.7604456	0.355503841	0.9707250156
##	3142	1456-10015	RR_20	0.500228505	0.7604456	-0.167407964	1.2797142429
##	3143	1298-10048	RR_20	0.074542013	-1.3148842	-0.052865379	-1.0331224622
##	3144	2510-10038	RR_20	0.720347669	0.7604456	0.743952611	1.1379212144
##	3145	2472-10006	RR_20	0.471602544	0.7604456	1.022838907	0.9022323195
##	3146	2613-10016	RR_20	0.254285581	0.7604456	0.126418669	0.7076212625
##	3147	1460-10022	RR_20	0.044162445	-1.3148842	-0.904464604	-1.3302300275
##	3148	1343-10007	RR_20	0.223096624	0.7604456	-0.232149426	1.1653408835
##	3149	1186-10009	RR_20	0.274486992	0.7604456	0.539768001	0.9661670190
##	3150	2110-10002	RR_20	0.009764685	-1.3148842	-0.431353923	-1.2833588308
##	3151	1512-10002	RR_20	0.124792558	0.7604456	-0.605657859	0.4908170222
##	3152	1215-10002	RR_20	0.162872052	0.7604456	-0.291910775	0.2804138401
##	3153	1435-10017	RR_20	0.175619651	0.7604456	0.031796533	0.7465314635
##	3154	2300-10013	RR_20	0.029569049	0.7604456	-0.077765941	-0.0587062656
##	3155	1528-10014	RR_20	0.093779447	-1.3148842	0.265861817	-1.2427640164
##	3156	2615-10022	RR_20	0.100329317	-1.3148842	0.624429912	-1.0182810374
##	3157	1631-10001	RR_20	0.009369233	0.7604456	-0.919404942	0.1987433822
##	3158	2515-10021	RR_20	0.029415837	-1.3148842	0.290762379	-1.3162023542

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## 3159 1536-10012 RR_20 0.070248190 -1.3148842 0.066657320 -0.5373492125
## 3160 1149-10020 RR_20 0.107426587 -1.3148842 0.948137220 -1.2480521860
## 3161 2288-10001 RR_20 0.010349800 0.7604456 -0.525976060 0.2683732782
## 3162 2143-10012 RR_20 0.041112661 0.7604456 0.126418669 0.1793050714
## 3163 2518-10001 RR_20 0.039223505 0.7604456 0.420245303 -0.4391281093
## 3164 2275-10002 RR_20 0.028807182 0.7604456 -0.610637971 -0.1348724605
## 3165 2518-10007 RR_20 0.063614906 0.7604456 0.539768001 -0.4483864582
## 3166 1666-10007 RR_20 0.020733682 -1.3148842 0.006895971 -0.4226326827
## 3167 1757-10005 RR_20 0.012114742 0.7604456 -0.914424829 -0.2243159662
## 3168 1210-10001 RR_20 0.019941068 0.7604456 -0.097686390 -0.0577693439
## 3169 2518-10014 RR_20 0.057981316 0.7604456 0.584589013 0.6325284042
## 3170 2561-10002 RR_20 0.015924662 -1.3148842 0.674231037 -1.9624505142
## 3171 2108-10004 RR_20 0.008399091 -1.3148842 0.056697095 -1.1485724232
## 3172 1880-10002 RR_20 0.008686986 -1.3148842 -0.242109651 -0.6646177340
## 3173 1300-10001 RR_20 0.024734327 -1.3148842 0.569648675 -1.8922760527
## 3174 1056-10009 RR_20 0.033352227 -1.3148842 0.156299344 -1.7354849297
## 3175 1138-10004 RR_20 0.039109707 -1.3148842 0.724032161 -0.9754290773
## 3176 1847-10001 RR_20 0.009077917 -1.3148842 -0.271990326 -1.8691536642
## 3177 2307-10005 RR_20 0.020696605 -1.3148842 1.316665540 -1.9413081616
## 3178 1842-10002 RR_20 0.006095123 -1.3148842 -1.223191800 -1.5801776618
## 3179 1894-10001 RR_20 0.007707002 -1.3148842 -0.207248864 -0.6469622480
## 3180 3041-10003 RR_20 0.029233454 -1.3148842 -0.580757296 -0.6827915463
## 3181 2775-10005 RR_20 0.078159517 0.7604456 0.729012273 0.4837301755
## 3182 1640-10002 RR_20 0.064543702 0.7604456 -1.078768540 0.4320589889
## 3183 2143-10005 RR_20 0.134537306 0.7604456 1.227023517 0.7878495366
## 3184 2461-10037 RR_20 0.081156890 0.7604456 1.087580368 -0.8213196745
## 3185 1697-10001 RR_20 0.476897010 0.7604456 3.717079733 0.0675498924
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## 3186 2248-10003 RR_20 0.240684869 0.7604456 1.570651274 -0.4737611920
## 3187 1678-10001 RR_20 0.440166664 0.7604456 0.878415646 0.2677326597
## 3188 2608-10012 RR_20 0.058164183 0.7604456 -0.645498758 -0.1402604175
## 3189 2617-10001 RR_20 0.071161971 0.7604456 0.021836308 -0.6658972159
## 3190 2298-10001 RR_20 0.065354516 0.7604456 -0.421393699 -0.0571832474
## 3191 1201-10001 RR_20 0.012577978 -1.3148842 -0.964225954 0.3157484002
## 3192 1193-10011 RR_20 0.110427932 -1.3148842 0.275822042 -1.1009708853
## 3193 1460-10019 RR_20 0.184161641 -1.3148842 -0.396493136 -0.2104038484
## 3194 2286-10017 RR_20 0.233017952 -1.3148842 1.157301943 -0.7876528861
## 3195 2644-10056 RR_20 0.261286166 -1.3148842 0.913276433 -0.6116305790
## 3196 1455-10001 RR_20 0.190637767 -1.3148842 0.111478332 -0.7939450370
## 3197 1114-10001 RR_20 0.055950389 -1.3148842 -0.192308527 -1.5852462125
## 3198 1009-10001 RR_20 0.047246058 -1.3148842 -0.022984704 -1.8008354489
## 3199 1336-10001 RR_20 0.103005260 0.7604456 0.245941367 0.4072291545
## 3200 1044-10023 RR_20 0.063273575 0.7604456 -0.212228976 0.8712555520
## 3201 1268-10014 RR_20 0.072487271 0.7604456 -1.058848090 0.6835381255
## 3202 1464-10013 RR_20 0.071208531 0.7604456 -0.341711900 0.7815455863
## 3203 1255-10004 RR_20 0.213538839 0.7604456 0.146339119 1.0610721585
## 3204 2448-10004 RR_20 0.413958992 0.7604456 0.699131599 0.5080091876
## 3205 2552-10003 RR_20 0.371086533 0.7604456 -0.401473249 1.2773848466
## 3206 2395-10009 RR_20 0.351058439 0.7604456 1.774835884 0.8862199530
## 3207 1073-10001 RR_20 0.152553950 0.7604456 -0.834743030 1.1911537655
## 3208 1215-10003 RR_20 0.133514627 0.7604456 0.848534972 -0.6100277182
## 3209 2216-10001 RR_20 0.614114274 0.7604456 6.246976848 0.4986484227
## 3210 2472-10013 RR_20 0.091638171 0.7604456 0.778813398 0.0835324792
## 3211 1446-10003 RR_20 0.070485074 -1.3148842 1.550730825 -0.6676182226
## 3212 1060-10008 RR_20 0.048496089 -1.3148842 0.161279456 -0.8606222722
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## 3213 2448-10012 RR_20 0.255619402 -1.3148842 1.092560481 -0.7306189812
## 3214 2545-10017 RR_20 0.084966823 -1.3148842 1.764875659 -0.9806839704
## 3215 2448-10018 RR_20 0.116328239 -1.3148842 -0.022984704 -1.1457639736
## 3216 2432-10018 RR_20 0.057543261 -1.3148842 0.793753735 -0.9313145129
## 3217 1842-10002 RR_20 0.006095123 -1.3148842 -1.223191800 -1.5801776618
## 3218 1116-10003 RR_20 0.031668444 -1.3148842 0.953117333 -1.7527605521
## 3219 2534-10024 RR_20 0.146781699 -1.3148842 3.597557034 -1.6020177463
## 3220 1116-10032 RR_20 0.035638048 -1.3148842 2.895361181 -1.9536139082
## 3221 2141-10001 RR_20 0.015783555 -1.3148842 -0.585737409 0.5321671440
## 3222 2561-10002 RR_20 0.015924662 -1.3148842 0.674231037 -1.9624505142
## 3223 2108-10004 RR_20 0.008399091 -1.3148842 0.056697095 -1.1485724232
## 3224 2161-10002 RR_20 0.006475203 -1.3148842 -1.930367766 0.3666735959
## 3225 1302-10023 RR_20 0.957435183 0.7604456 1.635392736 0.5119852258
## 3226 1412-10001 RR_20 0.600314972 0.7604456 1.590571724 0.9903524238
## 3227 1302-10134 RR_20 0.766776177 0.7604456 -1.168410563 0.8579824874
## 3228 2552-10016 RR_20 0.511044524 0.7604456 0.066657320 0.7381513678
## 3229 1502-10009 RR_20 0.452665195 0.7604456 -0.710240220 -0.0869494698
## 3230 2449-10005 RR_20 0.375052133 0.7604456 -1.213231575 1.0770402909
## 3231 2510-10085 RR_20 0.734094562 0.7604456 0.574628788 1.2594455463
## 3232 1333-10008 RR_20 0.522286052 0.7604456 -0.212228976 1.1669176106
## 3233 1094-10008 RR_20 0.757233561 0.7604456 1.959100044 0.6075272645
## 3234 1190-10007 RR_20 0.401724553 0.7604456 0.071637432 0.7465870181
## 3235 1459-10010 RR_20 0.199868751 0.7604456 -0.092706278 -0.1062310370
## 3236 2588-10001 RR_20 0.451362372 0.7604456 0.330603279 -0.1213618401
## 3237 1995-10053 RR_20 0.167640540 0.7604456 -0.067805716 0.7998413646
## 3238 2266-10003 RR_20 0.716679402 0.7604456 2.213085778 0.7594638668
## 3239 1477-10019 RR_20 0.549000525 0.7604456 -0.157447740 1.2042181602
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##	3240	1995-10024	RR_20	0.460202518	0.7604456	-0.411433474	1.2007246828
##	3241	1690-10001	RR_20	0.446991824	0.7604456	0.878415646	0.3472850631
##	3242	1685-10001	RR_20	0.255606498	0.7604456	1.162282055	-0.1977860847
##	3243	1246-10001	RR_20	0.182275212	-1.3148842	1.281804753	-0.6679538129
##	3244	2475-10008	RR_20	0.103537197	0.7604456	1.381407002	-0.7695886267
##	3245	1085-10004	RR_20	0.076749377	0.7604456	1.316665540	-0.0044158928
##	3246	1520-10003	RR_20	0.131427305	0.7604456	2.332608477	-0.6453652057
##	3247	2143-10012	RR_20	0.041112661	0.7604456	0.126418669	0.1793050714
##	3248	1695-10001	RR_20	0.382688666	0.7604456	1.017858794	0.0605935681
##	3249	1558-10001	RR_20	0.037396638	0.7604456	-0.037925041	-0.2302169812
##	3250	1343-10023	RR_20	0.099978132	-1.3148842	0.126418669	0.2661498058
##	3251	1693-10001	RR_20	0.347527466	0.7604456	9.165322734	-0.2713276690
##	3252	1444-10027	RR_20	0.168595653	-1.3148842	2.566673761	-0.9697651635
##	3253	1302-10295	RR_20	0.606551555	-1.3148842	-0.889524267	-0.4709296766
##	3254	1474-10012	RR_20	0.128332654	-1.3148842	1.715074535	-1.9125512849
##	3255	1302-10301	RR_20	0.538909349	-1.3148842	0.036776645	-0.7216359491
##	3256	1207-10018	RR_20	0.144547772	-1.3148842	0.196140243	-0.0920305503
##	3257	2642-10014	RR_20	0.179081454	-1.3148842	0.544748113	0.0576236547
##	3258	1302-10310	RR_20	0.647570285	-1.3148842	2.706116909	-1.7088147041
##	3259	1302-10216	RR_20	0.698686555	0.7604456	-1.337734386	0.8305001254
##	3260	1284-10002	RR_20	0.486916518	0.7604456	1.406307564	1.2221328093
##	3261	1343-10012	RR_20	0.238153807	0.7604456	-0.092706278	1.2270380109
##	3262	1067-10003	RR_20	0.173199341	0.7604456	-0.132547177	0.8685310094
##	3263	1302-10197	RR_20	0.864221612	0.7604456	1.351526327	0.8566484791
##	3264	1178-10011	RR_20	0.211177571	0.7604456	-0.829762918	1.3058145835
##	3265	2364-10001	RR_20	0.462172628	0.7604456	2.392369826	0.8809377529
##	3266	1302-10236	RR_20	0.819817560	0.7604456	0.873435534	1.0664331147

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## 3267 2353-10004 RR_20 0.185007359 0.7604456 -0.276970438 0.8936975756
## 3268 1302-10225 RR_20 0.877697020 0.7604456 0.992958232 0.7628619005
## 3269 1302-10004 RR_20 0.915819330 0.7604456 1.979020494 0.9807662117
## 3270 1394-10005 RR_20 0.232843655 0.7604456 0.599529350 1.0533932581
## 3271 1181-10001 RR_20 0.139525072 -1.3148842 1.715074535 0.0011103446
## 3272 1385-10001 RR_20 0.562833092 -1.3148842 8.697192165 -0.0934311055
## 3273 2448-10012 RR_20 0.255619402 -1.3148842 1.092560481 -0.7306189812
## 3274 2534-10033 RR_20 0.075216288 -1.3148842 2.317668139 -1.9490816712
## 3275 1484-10003 RR_20 0.040483673 -1.3148842 2.128423867 -1.0234678488
## 3276 1302-10143 RR_20 0.705646324 -1.3148842 -1.342714499 -1.4151166510
## 3277 1206-10005 RR_20 0.075253005 -1.3148842 0.370444178 -1.0490527574
## 3278 2613-10030 RR_20 0.107982717 -1.3148842 -0.127567065 -0.1571803348
## 3279 1806-10001 RR_20 0.049636092 -1.3148842 4.259911988 -0.9725596024
## 3280 1424-10013 RR_20 0.055255320 -1.3148842 2.168264766 -1.8450190436
## 3281 1060-10008 RR_20 0.048496089 -1.3148842 0.161279456 -0.8606222722
## 3282 2534-10024 RR_20 0.146781699 -1.3148842 3.597557034 -1.6020177463
## 3283 1412-10018 RR_20 0.029459681 -1.3148842 -0.525976060 -1.2017341106
## 3284 2432-10018 RR_20 0.057543261 -1.3148842 0.793753735 -0.9313145129
## 3285 2432-10033 RR_20 0.414683044 0.7604456 -0.426373811 1.1475046945
## 3286 2670-10023 RR_20 0.477110315 0.7604456 -0.042905154 0.8119007523
## 3287 1455-10002 RR_20 0.559208013 0.7604456 0.325623166 1.2326896561
## 3288 2449-10015 RR_20 0.631642575 0.7604456 -0.172388077 1.0550035326
## 3289 2745-10003 RR_20 0.346285671 0.7604456 -0.630558421 1.2318533140
## 3290 2590-10001 RR_20 0.403255653 0.7604456 0.350523728 1.3214319486
## 3291 1477-10030 RR_20 0.552053827 0.7604456 -0.032944929 1.3300792701
## 3292 1302-10400 RR_20 0.911199803 0.7604456 -0.262030101 1.1134784292
## 3293 2510-10002 RR_20 0.620233370 0.7604456 0.684191261 0.9496776413
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##	3294	1094-10001	RR_20	0.587522998	0.7604456	1.545750712	0.4817362353
##	3295	1456-10021	RR_20	0.578750772	0.7604456	0.206100468	1.3008456161
##	3296	2510-10062	RR_20	0.722228175	0.7604456	0.350523728	1.2349921783
##	3297	2449-10037	RR_20	0.575638200	0.7604456	0.176219793	1.0723614039
##	3298	1302-10146	RR_20	0.951874840	0.7604456	1.162282055	1.1932368248
##	3299	1302-10208	RR_20	0.914066917	0.7604456	0.071637432	0.9606033060
##	3300	1510-10027	RR_20	0.316364898	0.7604456	0.928216771	0.8866264488
##	3301	1995-10041	RR_30	0.735922797	0.7604456	-0.042905154	1.3184456496
##	3302	2398-10096	RR_30	0.816941716	0.7604456	-0.331751675	1.1122025172
##	3303	1302-10156	RR_30	0.648253198	-1.3148842	-0.844703255	-1.5187793753
##	3304	1302-10105	RR_30	0.911684011	0.7604456	-1.955268328	0.9082697874
##	3305	2563-10018	RR_30	0.399418298	0.7604456	0.201120355	0.8584293626
##	3306	2510-10144	RR_30	0.868761786	0.7604456	0.868455421	1.2694557355
##	3307	1067-10006	RR_30	0.351641832	0.7604456	0.006895971	1.0597767687
##	3308	2532-10010	RR_30	0.374294189	0.7604456	1.147341718	1.0847526086
##	3309	1302-10147	RR_30	0.979593544	0.7604456	2.163284654	0.8671251457
##	3310	1040-10012	RR_30	0.255179695	0.7604456	0.499927101	0.3425244754
##	3311	2263-10007	RR_30	0.621933659	0.7604456	2.053722180	0.8841883150
##	3312	1164-10007	RR_30	0.511054575	0.7604456	-0.177368189	1.2038487860
##	3313	1382-10001	RR_30	0.565554015	0.7604456	1.560691050	-0.3354384431
##	3314	1394-10014	RR_30	0.469042937	0.7604456	1.675233635	1.0365385889
##	3315	1232-10004	RR_30	0.681083103	0.7604456	3.044764554	1.0746360045
##	3316	2282-10048	RR_30	0.517162175	0.7604456	0.051716983	0.3216635990
##	3317	2432-10005	RR_30	0.684588301	0.7604456	-0.281950550	0.8445917251
##	3318	2215-10004	RR_30	0.706572077	0.7604456	-1.183350901	1.3384655211
##	3319	1995-10079	RR_30	0.153704884	0.7604456	0.021836308	-1.1869303171
##	3320	2567-10018	RR_30	0.859665633	0.7604456	1.824637008	1.1669176106

##	3321	1310-10010	RR_30	0.493369022	0.7604456	0.808694072	1.0511340670
##	3322	1379-10003	RR_30	0.662858488	0.7604456	1.132401380	0.8817125706
##	3323	1004-10008	RR_30	0.252704367	0.7604456	0.519847551	0.5674195520
##	3324	1233-10007	RR_30	0.665598129	0.7604456	0.773833285	0.7471649329
##	3325	2459-10006	RR_30	0.686129782	0.7604456	1.441168351	1.1948546563
##	3326	2323-10012	RR_30	0.714136854	0.7604456	0.579608900	1.3534114275
##	3327	2717-10037	RR_30	0.446222903	0.7604456	-1.103669102	1.2978578230
##	3328	2398-10036	RR_30	0.868574044	0.7604456	0.529807776	1.2193264202
##	3329	1190-10006	RR_30	0.219453523	-1.3148842	0.634390137	-1.7821553249
##	3330	2510-10008	RR_30	0.782978844	0.7604456	-0.585737409	1.1290761598
##	3331	2710-10002	RR_30	0.183364518	-1.3148842	1.162282055	-1.6526414717
##	3332	1135-10020	RR_30	0.468458775	0.7604456	-1.168410563	1.1355956607
##	3333	1339-10007	RR_30	0.460256343	0.7604456	-0.600677746	1.0108800232
##	3334	2750-10011	RR_30	0.196707402	0.7604456	0.519847551	1.0931958678
##	3335	1302-10198	RR_30	0.972226603	0.7604456	3.786801307	0.9009862601
##	3336	1337-10009	RR_30	0.565717143	0.7604456	0.943157108	0.8889412102
##	3337	1477-10016	RR_30	0.677113475	0.7604456	-0.585737409	1.3056695970
##	3338	2425-10012	RR_30	0.307656863	-1.3148842	0.768853173	-0.8092686620
##	3339	1995-10062	RR_30	0.733024858	0.7604456	-0.018004592	1.2528028643
##	3340	2698-10004	RR_30	0.468227389	0.7604456	-0.600677746	0.3727179927
##	3341	1456-10019	RR_30	0.684606157	-1.3148842	1.142361605	1.2475371988
##	3342	1236-10006	RR_30	0.238303453	0.7604456	0.943157108	1.1542532710
##	3343	2644-10057	RR_30	0.602819791	0.7604456	1.401327452	0.5045170290
##	3344	2518-10016	RR_30	0.538641855	0.7604456	0.719052048	1.1055940410
##	3345	1314-10003	RR_30	0.719414214	-1.3148842	2.850540169	0.5819309382
##	3346	2753-10001	RR_30	0.057687702	-1.3148842	0.400324853	-1.5803442565
##	3347	2563-10015	RR_30	0.241615663	-1.3148842	1.376426890	-0.9485415606

##	3348	2398-10126	RR_30	0.901919535	0.7604456	1.371446777	1.3547978621
##	3349	2510-10153	RR_30	0.248216175	-1.3148842	0.484986764	-0.8391573587
##	3350	1230-10002	RR_30	0.453922559	0.7604456	-0.555856734	1.0879975347
##	3351	1387-10005	RR_30	0.752975937	0.7604456	0.768853173	1.0336302420
##	3352	2429-10027	RR_30	0.759671954	0.7604456	0.006895971	0.9326806324
##	3353	2510-10010	RR_30	0.731824143	0.7604456	-0.426373811	0.5258501138
##	3354	2398-10076	RR_30	0.775042253	0.7604456	-0.092706278	1.1436380566
##	3355	1405-10001	RR_30	0.431201034	-1.3148842	2.302727802	0.8460145557
##	3356	1510-10008	RR_30	0.200640295	0.7604456	-0.501075497	0.8862539143
##	3357	2552-10011	RR_30	0.501555091	0.7604456	-0.047885266	0.8709767533
##	3358	2286-10028	RR_30	0.310627270	0.7604456	1.301725203	0.7516239426
##	3359	2398-10018	RR_30	0.853267397	0.7604456	-0.824782806	1.3265512940
##	3360	2548-10006	RR_30	0.615906966	0.7604456	1.102520706	0.9065658447
##	3361	2644-10014	RR_30	0.498568940	0.7604456	0.026816420	0.7229112541
##	3362	2449-10017	RR_30	0.819970321	0.7604456	0.265861817	1.2202560366
##	3363	1302-10239	RR_30	0.906232351	0.7604456	0.211080580	1.0958428526
##	3364	2717-10003	RR_30	0.717657898	0.7604456	-0.032944929	1.2944866011
##	3365	1302-10113	RR_30	0.944268170	0.7604456	-0.496095385	1.0873082290
##	3366	1155-10018	RR_30	0.227239997	-1.3148842	0.968057670	-1.9845501983
##	3367	1302-10017	RR_30	0.983198286	0.7604456	2.163284654	0.4700192550
##	3368	2459-10005	RR_30	0.712313898	0.7604456	-0.700279995	0.8158576561
##	3369	1302-10072	RR_30	0.973120309	0.7604456	0.021836308	1.0163360860
##	3370	1402-10009	RR_30	0.478981720	0.7604456	0.096537994	0.4372568149
##	3371	2286-10027	RR_30	0.820484227	0.7604456	0.619449800	1.2956456893
##	3372	1145-10008	RR_30	0.463308130	0.7604456	-0.042905154	1.1135736825
##	3373	2717-10006	RR_30	0.603693611	0.7604456	-0.540916397	1.2953234326
##	3374	1302-10004	RR_30	0.961956811	0.7604456	1.979020494	0.9807662117

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## 3375 2644-10067 RR_30 0.285495578 -1.3148842 2.347548814 -0.9028308978
## 3376 2736-10005 RR_30 0.405476315 0.7604456 0.001915858 0.8515721869
## 3377 2323-10029 RR_30 0.726134818 0.7604456 -1.088728764 1.3952392697
## 3378 1477-10027 RR_30 0.797518539 0.7604456 0.370444178 1.2991452090
## 3379 2510-10080 RR_30 0.731800490 0.7604456 0.604509463 0.3666735959
## 3380 1995-10004 RR_30 0.805353501 0.7604456 3.009903767 0.8349428989
## 3381 1995-10014 RR_30 0.689873660 0.7604456 -0.690319770 1.2489074208
## 3382 1302-10152 RR_30 0.961348921 0.7604456 0.081597657 1.0100238397
## 3383 2429-10022 RR_30 0.677147889 0.7604456 0.026816420 0.9672209718
## 3384 1302-10346 RR_30 0.909434591 0.7604456 -0.406453361 0.7977516206
## 3385 2567-10013 RR_30 0.847848890 0.7604456 1.431208126 1.3370146615
## 3386 1302-10059 RR_30 0.960591136 0.7604456 -0.207248864 1.1945866284
## 3387 1302-10138 RR_30 0.919679200 0.7604456 -0.799882243 0.5095122354
## 3388 2398-10038 RR_30 0.872897594 0.7604456 0.903316208 1.2021952775
## 3389 2432-10013 RR_30 0.760348984 0.7604456 -0.341711900 1.1346262392
## 3390 3009-10011 RR_30 0.509529024 0.7604456 0.011876083 0.9736205523
## 3391 1302-10208 RR_30 0.961124085 0.7604456 0.071637432 0.9606033060
## 3392 1995-10062 RR_30 0.733024858 0.7604456 -0.018004592 1.2528028643
## 3393 1065-10015 RR_30 0.824761578 0.7604456 1.446148464 1.1382627292
## 3394 1302-10047 RR_30 0.934013580 0.7604456 -0.441314148 0.8758154395
## 3395 2398-10124 RR_30 0.855708730 0.7604456 -0.202268752 1.3035323723
## 3396 1302-10246 RR_30 0.589960717 -1.3148842 -0.003064254 -1.3267096383
## 3397 2664-10017 RR_30 0.616415110 0.7604456 -0.152467627 0.7189096294
## 3398 2606-10016 RR_30 0.449096934 0.7604456 -0.406453361 -0.2260546777
## 3399 2567-10015 RR_30 0.786168088 0.7604456 -0.172388077 1.3228226422
## 3400 1302-10207 RR_30 0.965667655 0.7604456 1.042759357 0.8662375523
## 3401 2461-10016 RR_30 0.608973913 0.7604456 0.176219793 0.9942053478
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##	3402	1444-10015	RR_30	0.474272678	0.7604456	0.908296321	0.6096657839
##	3403	2753-10020	RR_30	0.754363435	0.7604456	0.783793510	1.1198094982
##	3404	2510-10017	RR_30	0.795724525	0.7604456	-0.501075497	1.2458455607
##	3405	1387-10010	RR_30	0.783743777	0.7604456	0.056697095	1.1226697733
##	3406	1381-10018	RR_30	0.492038504	0.7604456	-0.794902131	0.5883240664
##	3407	1456-10017	RR_30	0.797442711	0.7604456	1.241963854	1.2972461328
##	3408	2398-10007	RR_30	0.859468141	0.7604456	-0.366612462	1.3270180327
##	3409	1460-10027	RR_30	0.281796515	-1.3148842	-0.117606840	-0.6283163888
##	3410	1302-10130	RR_30	0.955372105	0.7604456	-0.301871000	1.1032649685
##	3411	2383-10025	RR_30	0.245287758	-1.3148842	0.240961255	-1.3020374711
##	3412	2613-10004	RR_30	0.584195207	0.7604456	1.984000606	0.8752230937
##	3413	1302-10219	RR_30	0.902032653	0.7604456	-0.057845491	0.7413966354
##	3414	2263-10010	RR_30	0.632584870	0.7604456	1.998940944	1.1609072652
##	3415	1302-10270	RR_30	0.901873684	0.7604456	0.748932723	0.6250121089
##	3416	1310-10011	RR_30	0.425648677	0.7604456	0.435185640	1.2526689402
##	3417	1062-10004	RR_30	0.620347641	0.7604456	-0.710240220	0.9566285225
##	3418	2211-10008	RR_30	0.340910772	0.7604456	1.007898570	0.9622289870
##	3419	1302-10399	RR_30	0.933784443	0.7604456	-0.735140782	0.8923542822
##	3420	1229-10008	RR_30	0.357033197	0.7604456	-1.023987303	1.1880936973
##	3421	1141-10007	RR_30	0.409556404	0.7604456	0.265861817	1.0147873335
##	3422	1207-10052	RR_30	0.615747310	0.7604456	0.061677207	1.0041499941
##	3423	2449-10068	RR_30	0.741817188	0.7604456	0.320643054	1.0267640890
##	3424	2398-10133	RR_30	0.790935945	0.7604456	0.320643054	1.2110965365
##	3425	1480-10006	RR_30	0.156692822	-1.3148842	0.231001030	-1.1251172535
##	3426	1186-10015	RR_30	0.443908114	0.7604456	0.450125977	0.6165215380
##	3427	1477-10033	RR_30	0.642738162	0.7604456	-0.042905154	0.8615180737
##	3428	1298-10045	RR_30	0.137760315	-1.3148842	0.106498219	-1.4312133351


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## 3429 2827-10001 RR_30 0.065375267 -1.3148842 0.689171374 -1.0061907731
## 3430 1063-10007 RR_30 0.628955525 0.7604456 0.176219793 0.8414066214
## 3431 1209-10011 RR_30 0.364784475 0.7604456 -0.047885266 0.6521028444
## 3432 2398-10049 RR_30 0.728394707 0.7604456 -0.286930663 0.9633732096
## 3433 1281-10001 RR_30 0.471506631 0.7604456 0.778813398 0.8818839613
## 3434 2121-10007 RR_30 0.036046718 -1.3148842 -0.421393699 -0.9868794576
## 3435 1379-10014 RR_30 0.334943020 0.7604456 -0.117606840 0.7944917181
## 3436 2449-10022 RR_30 0.618630074 0.7604456 -0.122586953 0.5951529613
## 3437 2398-10076 RR_30 0.775042253 0.7604456 -0.092706278 1.1436380566
## 3438 1193-10006 RR_30 0.589582148 0.7604456 0.046736870 1.1016890404
## 3439 2449-10044 RR_30 0.714370030 0.7604456 0.435185640 0.7857174692
## 3440 1394-10012 RR_30 0.412812769 0.7604456 0.699131599 0.9340471439
## 3441 1575-10005 RR_30 0.392740556 0.7604456 0.405304965 0.9226202443
## 3442 1452-10008 RR_30 0.640790955 0.7604456 -0.276970438 0.8789746169
## 3443 1410-10007 RR_30 0.376366389 0.7604456 -0.008044367 0.7952338966
## 3444 1233-10017 RR_30 0.531416768 0.7604456 -0.142507402 0.5021907059
## 3445 1004-10005 RR_30 0.367426248 0.7604456 0.743952611 0.8582500900
## 3446 2378-10001 RR_30 0.710770602 0.7604456 0.086577770 1.1995871625
## 3447 1369-10011 RR_30 0.160790557 -1.3148842 -0.082746053 -1.5125226630
## 3448 1076-10016 RR_30 0.372576636 0.7604456 0.529807776 0.7949693910
## 3449 1199-10002 RR_30 0.427412299 0.7604456 -0.192308527 0.9927792116
## 3450 1487-10002 RR_30 0.603950970 0.7604456 0.071637432 0.7036465155
## 3451 1430-10007 RR_30 0.131705229 -1.3148842 0.186180018 -0.7263970391
## 3452 1486-10008 RR_30 0.311852334 0.7604456 -0.451274373 0.5660908272
## 3453 2532-10008 RR_30 0.716965360 0.7604456 1.162282055 0.8670569453
## 3454 2432-10031 RR_30 0.569361759 0.7604456 -0.212228976 0.8410994607
## 3455 1298-10048 RR_30 0.157687998 -1.3148842 -0.052865379 -1.0331224622
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## 3456 1417-10005 RR_30 0.119096510 -1.3148842 0.345543616 -1.5809653119
## 3457 1460-10036 RR_30 0.183017927 -1.3148842 -0.187328414 -1.3552430709
## 3458 2355-10001 RR_30 0.023722295 0.7604456 -0.555856734 -0.1995524444
## 3459 2537-10006 RR_30 0.038281274 -1.3148842 0.275822042 -1.5259182350
## 3460 1470-10009 RR_30 0.071360223 -1.3148842 0.729012273 -1.1329179224
## 3461 2360-10024 RR_30 0.039804280 -1.3148842 -0.296890888 -1.4770457732
## 3462 1631-10001 RR_30 0.021509488 0.7604456 -0.919404942 0.1987433822
## 3463 2714-10001 RR_30 0.025094841 0.7604456 0.634390137 -0.3501342752
## 3464 2753-10001 RR_30 0.057687702 -1.3148842 0.400324853 -1.5803442565
## 3465 1275-10004 RR_30 0.034730009 -1.3148842 0.644350362 -0.7990070905
## 3466 1662-10002 RR_30 0.070941706 0.7604456 -0.212228976 -0.2492343087
## 3467 1774-10003 RR_30 0.103871789 0.7604456 -0.690319770 -0.0200046935
## 3468 1757-10006 RR_30 0.050146584 0.7604456 -0.351672124 -0.0785460742
## 3469 2608-10018 RR_30 0.036800038 -1.3148842 0.305702717 -1.9064155297
## 3470 2515-10016 RR_30 0.102254831 0.7604456 -0.072785828 -0.1588012245
## 3471 2683-10002 RR_30 0.081721168 0.7604456 -0.565816959 0.2968278136
## 3472 1533-10003 RR_30 0.088808493 -1.3148842 0.788773623 -0.7109529024
## 3473 1662-10009 RR_30 0.057537739 0.7604456 -0.142507402 -0.4758307625
## 3474 1185-10001 RR_30 0.035357292 0.7604456 0.121438557 -0.2380923384
## 3475 2645-10016 RR_30 0.042382623 -1.3148842 1.117461043 -1.8159614317
## 3476 2805-10003 RR_30 0.049152910 0.7604456 -0.451274373 -0.2556482099
## 3477 1447-10005 RR_30 0.028621893 -1.3148842 -0.441314148 -1.4407907530
## 3478 2053-10001 RR_30 0.026598524 -1.3148842 0.768853173 -1.4945977653
## 3479 1297-10005 RR_30 0.054615869 -1.3148842 0.405304965 -1.0601679513
## 3480 1819-10002 RR_30 0.020439988 -1.3148842 -0.884544155 -0.8685920499
## 3481 2143-10003 RR_30 0.085091028 0.7604456 -0.809842468 0.2981254256
## 3482 1216-10011 RR_30 0.259364613 0.7604456 1.645352961 0.0281656065
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## 3483 2553-10001 RR_30 0.240545014 0.7604456 -1.492117871 0.3256087362
## 3484 1662-10002 RR_30 0.070941706 0.7604456 -0.212228976 -0.2492343087
## 3485 2252-10001 RR_30 0.414395191 0.7604456 1.889378470 -0.4256162520
## 3486 1628-10001 RR_30 0.017621345 0.7604456 -0.361632349 0.8186881314
## 3487 1098-10008 RR_30 0.101175557 0.7604456 0.509887326 -0.6728727010
## 3488 1302-10161 RR_30 0.610065134 0.7604456 -0.984146403 -0.1289741205
## 3489 1080-10003 RR_30 0.078604129 0.7604456 0.509887326 0.7557975703
## 3490 1290-10007 RR_30 0.202556017 -1.3148842 -0.122586953 0.1026930547
## 3491 2211-10010 RR_30 0.140308973 0.7604456 0.405304965 -0.5387739310
## 3492 1430-10007 RR_30 0.131705229 -1.3148842 0.186180018 -0.7263970391
## 3493 1302-10166 RR_30 0.748591119 -1.3148842 -1.452276972 -0.1560029681
## 3494 2642-10032 RR_30 0.430826359 -1.3148842 1.321645653 -0.1590468269
## 3495 1481-10004 RR_30 0.432599422 -1.3148842 0.111478332 -0.0169692529
## 3496 2064-10002 RR_30 0.071596314 -1.3148842 -1.168410563 -1.0485138389
## 3497 1478-10007 RR_30 0.283383014 -1.3148842 -0.690319770 -0.3666422231
## 3498 2432-10020 RR_30 0.383561338 -1.3148842 -0.052865379 -1.5690682090
## 3499 2734-10007 RR_30 0.531918916 0.7604456 0.355503841 0.8756821409
## 3500 2353-10003 RR_30 0.455386259 0.7604456 0.430205527 1.0390742805
## 3501 2563-10018 RR_30 0.399418298 0.7604456 0.201120355 0.8584293626
## 3502 2425-10022 RR_30 0.414005040 0.7604456 1.022838907 0.0014617142
## 3503 1290-10003 RR_30 0.248498488 -1.3148842 -0.356652237 0.2419737221
## 3504 1302-10154 RR_30 0.937970371 0.7604456 0.768853173 0.3756694964
## 3505 1259-10003 RR_30 0.419284652 0.7604456 0.549728226 1.2788143739
## 3506 2664-10014 RR_30 0.246334551 0.7604456 -0.207248864 0.2805361581
## 3507 2263-10004 RR_30 0.575772116 0.7604456 1.361486552 0.9238149567
## 3508 1174-10004 RR_30 0.234464877 0.7604456 -0.914424829 0.3738108393
## 3509 1337-10011 RR_30 0.452849183 0.7604456 1.132401380 0.7037154905
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## 3510 1171-10004 RR_30 0.188923864 0.7604456 -0.426373811 -0.0581586331
## 3511 2510-10004 RR_30 0.189353518 -1.3148842 3.408312762 -1.9982638490
## 3512 1166-10013 RR_30 0.108366188 -1.3148842 0.997938345 -0.8774228327
## 3513 2827-10001 RR_30 0.065375267 -1.3148842 0.689171374 -1.0061907731
## 3514 2975-10003 RR_30 0.006140230 -1.3148842 -0.232149426 -1.1396786257
## 3515 1824-10001 RR_30 0.734148046 -1.3148842 10.858560961 -0.4200433593
## 3516 2191-10018 RR_30 0.192274337 -1.3148842 -1.367615061 -0.1359042896
## 3517 1181-10020 RR_30 0.214842562 -1.3148842 0.574628788 0.0180899748
## 3518 1675-10001 RR_30 0.740991589 -1.3148842 10.385450280 -1.2562785920
## 3519 2608-10018 RR_30 0.036800038 -1.3148842 0.305702717 -1.9064155297
## 3520 1868-10002 RR_30 0.030316932 -1.3148842 0.654310587 -1.7156534804
## 3521 1181-10038 RR_30 0.179118659 -1.3148842 0.320643054 -0.2263781520
## 3522 1206-10013 RR_30 0.093657771 -1.3148842 -0.466214710 -1.2015582896
## 3523 2194-10001 RR_30 0.107264615 -1.3148842 1.580611499 -0.3347429164
## 3524 1360-10006 RR_30 0.117529929 -1.3148842 -0.630558421 -0.5617377106
## 3525 2510-10050 RR_30 0.822551066 0.7604456 -0.052865379 1.2460508281
## 3526 2449-10068 RR_30 0.741817188 0.7604456 0.320643054 1.0267640890
## 3527 1302-10293 RR_30 0.942741014 0.7604456 -0.212228976 0.9175709324
## 3528 1995-10024 RR_30 0.664601076 0.7604456 -0.411433474 1.2007246828
## 3529 2717-10010 RR_30 0.609647865 0.7604456 -0.660439095 1.3427557295
## 3530 2398-10112 RR_30 0.889805116 0.7604456 0.186180018 1.1555320324
## 3531 2398-10077 RR_30 0.748165176 0.7604456 -0.286930663 0.8792956028
## 3532 1302-10369 RR_30 0.791253156 0.7604456 -0.879564042 0.1871655876
## 3533 2432-10002 RR_30 0.867333845 0.7604456 -0.102666503 1.3428471628
## 3534 2545-10021 RR_30 0.618998564 0.7604456 1.256904191 0.4361005065
## 3535 2429-10025 RR_30 0.757496754 0.7604456 -0.740120894 1.2270140124
## 3536 2532-10014 RR_30 0.606827041 0.7604456 0.833594634 1.0767598370
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## 3537 1207-10005 RR_30 0.731386443 0.7604456 0.838574747 1.1891254779
## 3538 1302-10170 RR_30 0.987538136 0.7604456 2.800739045 0.9486437348
## 3539 2432-10005 RR_30 0.684588301 0.7604456 -0.281950550 0.8445917251
## 3540 2753-10021 RR_30 0.811095598 0.7604456 0.196140243 1.1383493311
## 3541 1698-10001 RR_30 0.549135073 0.7604456 -0.466214710 0.4438286195
## 3542 2754-10001 RR_30 0.076129828 0.7604456 -0.605657859 -0.8642273613
## 3543 2786-10004 RR_30 0.249909540 0.7604456 0.569648675 -0.1930775981
## 3544 1480-10004 RR_30 0.247675264 0.7604456 -0.207248864 -0.5630802549
## 3545 1186-10007 RR_30 0.213158471 -1.3148842 0.524827664 -0.0703660458
## 3546 1216-10011 RR_30 0.259364613 0.7604456 1.645352961 0.0281656065
## 3547 2143-10002 RR_30 0.098278263 0.7604456 -0.884544155 0.4064981440
## 3548 2084-10006 RR_30 0.360459893 0.7604456 -0.127567065 0.9277002822
## 3549 1706-10001 RR_30 0.521622547 0.7604456 -0.132547177 -0.4784617574
## 3550 1470-10007 RR_30 0.173353227 0.7604456 1.550730825 -0.7629703744
## 3551 1302-10161 RR_30 0.610065134 0.7604456 -0.984146403 -0.1289741205
## 3552 2642-10031 RR_30 0.585938708 -1.3148842 1.889378470 -0.3912919325
## 3553 1298-10035 RR_30 0.258994841 -1.3148842 0.146339119 -0.5412136397
## 3554 2716-10013 RR_30 0.131391678 -1.3148842 0.051716983 -0.7196706632
## 3555 1302-10269 RR_30 0.928399772 -1.3148842 1.789776221 0.3579582517
## 3556 2282-10008 RR_30 0.410399577 -1.3148842 -0.306851113 0.0062619715
## 3557 2510-10120 RR_30 0.459269732 -1.3148842 1.381407002 -1.5474580020
## 3558 1564-10008 RR_30 0.215144432 -1.3148842 0.559688451 -0.2422868648
## 3559 1247-10002 RR_30 0.551195174 0.7604456 0.529807776 1.3252226346
## 3560 1294-10002 RR_30 0.409341405 0.7604456 -0.271990326 0.5818085109
## 3561 2665-10015 RR_30 0.627570297 0.7604456 0.679211149 0.8901999536
## 3562 2665-10006 RR_30 0.619763773 0.7604456 -0.047885266 1.2158124062
## 3563 1394-10010 RR_30 0.335094889 0.7604456 1.087580368 0.4251086917
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## 3564 1193-10003 RR_30 0.198009793 0.7604456 -0.605657859 0.6626033041
## 3565 2461-10014 RR_30 0.449422805 0.7604456 -0.560836847 0.5913911894
## 3566 2461-10038 RR_30 0.304042204 0.7604456 -0.575777184 0.1209168403
## 3567 1164-10001 RR_30 0.480203090 0.7604456 0.255901592 1.1846675926
## 3568 1211-10033 RR_30 0.445464562 0.7604456 -0.022984704 0.9218491671
## 3569 1391-10012 RR_30 0.626786828 0.7604456 -0.182348302 1.2618805704
## 3570 1412-10004 RR_30 0.482537642 0.7604456 -0.157447740 1.1490313517
## 3571 2548-10023 RR_30 0.153943702 -1.3148842 0.569648675 -0.5974173155
## 3572 2360-10024 RR_30 0.039804280 -1.3148842 -0.296890888 -1.4770457732
## 3573 1502-10002 RR_30 0.092141377 -1.3148842 -0.770001569 -0.9691108107
## 3574 1302-10143 RR_30 0.847835680 -1.3148842 -1.342714499 -1.4151166510
## 3575 1412-10014 RR_30 0.066717751 -1.3148842 1.426228014 -1.7961480996
## 3576 2644-10060 RR_30 0.293477305 -1.3148842 2.636395335 -1.4245544882
## 3577 1549-10006 RR_30 0.205465777 -1.3148842 2.676236234 -0.8131891227
## 3578 1188-10012 RR_30 0.247539318 -1.3148842 1.759895547 -0.7673508180
## 3579 2164-10018 RR_30 0.126698258 -1.3148842 -0.804862356 0.0316438001
## 3580 2548-10019 RR_30 0.202734017 -1.3148842 0.758892948 -0.5687288267
## 3581 2644-10061 RR_30 0.246223293 -1.3148842 2.113483530 -1.2668574410
## 3582 1206-10025 RR_30 0.147276050 -1.3148842 1.834597233 -1.8114397435
## 3583 1109-10005 RR_30 0.088885932 -1.3148842 -0.371592574 -0.6476934582
## 3584 1138-10015 RR_30 0.067767586 -1.3148842 -0.097686390 -0.9348490562
## 3585 1333-10011 RR_30 0.532875102 0.7604456 -0.924385054 1.1613114698
## 3586 1510-10016 RR_30 0.653866994 0.7604456 0.908296321 0.8935993887
## 3587 2398-10096 RR_30 0.816941716 0.7604456 -0.331751675 1.1122025172
## 3588 1302-10360 RR_30 0.962770176 0.7604456 0.345543616 0.9170670057
## 3589 1995-10049 RR_30 0.729262955 0.7604456 1.505909813 1.3031468337
## 3590 1207-10060 RR_30 0.691007237 0.7604456 1.117461043 1.0614547201
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##	3591	1311-10013	RR_30	0.772414602	0.7604456	0.733992386	1.3032848207
##	3592	1500-10011	RR_30	0.809236668	0.7604456	1.167262167	-1.0149318073
##	3593	2449-10010	RR_30	0.819482440	0.7604456	0.226020918	1.1727685980
##	3594	2383-10031	RR_30	0.532562215	0.7604456	0.783793510	1.0701340231
##	3595	2775-10001	RR_30	0.477736636	0.7604456	-1.168410563	1.2547938687
##	3596	1302-10179	RR_30	0.954714178	0.7604456	-0.530956172	0.6049924105
##	3597	2286-10026	RR_30	0.746932368	0.7604456	-0.172388077	1.2861016838
##	3598	2710-10010	RR_30	0.622703408	0.7604456	-0.217209089	0.8048268653
##	3599	2449-10052	RR_30	0.711051431	0.7604456	-0.366612462	0.9771096985
##	3600	2523-10012	RR_30	0.863438239	0.7604456	1.286784866	1.1760353586
##	3601	1181-10020	RR_40	0.362242409	-1.3148842	0.574628788	0.0180899748
##	3602	1302-10292	RR_40	0.978988802	0.7604456	-0.107646615	0.8944428095
##	3603	2615-10003	RR_40	0.752174086	0.7604456	-0.545896509	0.8485888360
##	3604	1510-10002	RR_40	0.751222812	0.7604456	-0.416413586	1.1656264325
##	3605	2510-10007	RR_40	0.836199078	0.7604456	-0.371592574	0.9417849284
##	3606	1460-10006	RR_40	0.789726593	0.7604456	-0.939325392	1.1070019801
##	3607	1302-10070	RR_40	0.961012185	0.7604456	-0.999086741	0.4560617946
##	3608	1774-10003	RR_40	0.193942708	0.7604456	-0.690319770	-0.0200046935
##	3609	1302-10360	RR_40	0.981711745	0.7604456	0.345543616	0.9170670057
##	3610	1352-10001	RR_40	0.757365672	0.7604456	-0.605657859	0.3111311653
##	3611	2190-10003	RR_40	0.687371800	0.7604456	-1.731163268	1.0443702358
##	3612	3048-10003	RR_40	0.170317997	0.7604456	-0.570797072	-0.5178831478
##	3613	1196-10001	RR_40	0.262262449	0.7604456	0.086577770	0.6639666873
##	3614	2717-10018	RR_40	0.854878739	0.7604456	0.445145865	1.3721966752
##	3615	2515-10023	RR_40	0.572322749	0.7604456	0.435185640	0.1864755587
##	3616	2515-10005	RR_40	0.499566287	0.7604456	-0.027964816	0.5325418280
##	3617	2819-10004	RR_40	0.633738998	0.7604456	-0.242109651	1.3366604404

##	3618	2554-10004	RR_40	0.225101762	0.7604456	-0.192308527	0.5912968421
##	3619	1065-10015	RR_40	0.907146504	0.7604456	1.446148464	1.1382627292
##	3620	1302-10304	RR_40	0.934627269	0.7604456	0.181199906	0.2092989761
##	3621	2644-10043	RR_40	0.571608356	-1.3148842	0.235981143	0.0183271256
##	3622	2263-10003	RR_40	0.759029640	0.7604456	2.113483530	0.6949452138
##	3623	2395-10008	RR_40	0.555990250	0.7604456	1.964080157	0.0004576956
##	3624	1459-10052	RR_40	0.781983482	0.7604456	-0.366612462	1.2487292595
##	3625	3009-10015	RR_40	0.610421785	0.7604456	-0.177368189	0.7935822099
##	3626	2642-10007	RR_40	0.821930568	0.7604456	0.131398781	1.1357681577
##	3627	2468-10001	RR_40	0.085888687	0.7604456	-1.571799670	0.3734946633
##	3628	1111-10005	RR_40	0.756945388	0.7604456	-0.057845491	0.9019221641
##	3629	1372-10026	RR_40	0.248167070	-1.3148842	-1.128569664	-1.2109948040
##	3630	1444-10023	RR_40	0.605822982	0.7604456	0.982998007	1.1295072412
##	3631	2967-10040	RR_40	0.706443723	0.7604456	-0.730160669	0.8738028043
##	3632	1995-10091	RR_40	0.867442447	0.7604456	-0.202268752	1.0762294248
##	3633	2398-10068	RR_40	0.941059158	0.7604456	1.077620144	1.2088771971
##	3634	2510-10013	RR_40	0.882127344	0.7604456	-0.187328414	1.3644164648
##	3635	1463-10011	RR_40	0.236518865	-1.3148842	0.131398781	-1.7607563497
##	3636	1244-10002	RR_40	0.889538073	0.7604456	0.773833285	0.5722486170
##	3637	1470-10011	RR_40	0.622752998	0.7604456	1.162282055	0.7603283148
##	3638	2398-10005	RR_40	0.433206808	0.7604456	-0.436334036	1.0795438542
##	3639	2510-10104	RR_40	0.954374979	0.7604456	1.789776221	1.0420093908
##	3640	1394-10002	RR_40	0.645629017	0.7604456	0.943157108	1.2531798427
##	3641	1468-10007	RR_40	0.494033228	0.7604456	-0.082746053	-0.5525224685
##	3642	1245-10004	RR_40	0.091254579	-1.3148842	0.489966877	-1.2306059227
##	3643	1252-10004	RR_40	0.583689688	0.7604456	-0.730160669	1.0196874849
##	3644	2126-10009	RR_40	0.730857975	0.7604456	0.828614522	0.5883166510


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## 3645 1047-10006 RR_40 0.599288596 0.7604456 -0.660439095 0.2024575221
## 3646 2425-10019 RR_40 0.746156710 0.7604456 -0.127567065 0.4803858208
## 3647 1076-10014 RR_40 0.741029391 0.7604456 1.500929700 1.2192479053
## 3648 2432-10039 RR_40 0.824980576 0.7604456 -1.228171913 1.2300801310
## 3649 1027-10002 RR_40 0.211353610 -1.3148842 -0.580757296 -0.4426054319
## 3650 1310-10008 RR_40 0.621453348 0.7604456 0.365464066 0.8752230937
## 3651 1544-10005 RR_40 0.312882407 0.7604456 0.973037783 0.6431907019
## 3652 1294-10002 RR_40 0.589922617 0.7604456 -0.271990326 0.5818085109
## 3653 1126-10007 RR_40 0.458796061 -1.3148842 0.644350362 -0.0258310966
## 3654 1298-10039 RR_40 0.775684188 0.7604456 0.061677207 1.1376488472
## 3655 1044-10016 RR_40 0.851982869 0.7604456 2.696156684 1.2276698718
## 3656 1976-10002 RR_40 0.074173628 -1.3148842 0.400324853 -1.1295946196
## 3657 1058-10006 RR_40 0.905087526 0.7604456 1.182202505 0.7738976300
## 3658 2432-10019 RR_40 0.749123953 -1.3148842 0.295742492 -0.6396508707
## 3659 2266-10003 RR_40 0.924266324 0.7604456 2.213085778 0.7594638668
## 3660 2644-10045 RR_40 0.603936611 0.7604456 0.106498219 0.1029803435
## 3661 1522-10001 RR_40 0.560308032 0.7604456 0.231001030 1.3855571044
## 3662 1379-10003 RR_40 0.803196385 0.7604456 1.132401380 0.8817125706
## 3663 1177-10009 RR_40 0.724342301 0.7604456 -1.098688989 0.7168915190
## 3664 1337-10008 RR_40 0.788082726 0.7604456 2.028821618 1.1033329063
## 3665 1302-10284 RR_40 0.985540200 0.7604456 0.664270812 0.7059287493
## 3666 1460-10006 RR_40 0.789726593 0.7604456 -0.939325392 1.1070019801
## 3667 2383-10019 RR_40 0.563899729 0.7604456 -0.839723143 0.6675251306
## 3668 1535-10001 RR_40 0.717671781 0.7604456 -0.755061232 0.9624923966
## 3669 1477-10036 RR_40 0.929297645 0.7604456 2.994963430 1.2058075651
## 3670 2510-10050 RR_40 0.905856596 0.7604456 -0.052865379 1.2460508281
## 3671 2567-10011 RR_40 0.910969374 0.7604456 0.763873060 1.3308803901
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##	3672	1298-10027	RR_40	0.883254243	0.7604456	1.879418245	1.1753874445
##	3673	2967-10035	RR_40	0.573488045	0.7604456	-0.152467627	1.0075403289
##	3674	2383-10026	RR_40	0.690676047	0.7604456	0.410285078	0.5214381503
##	3675	2745-10007	RR_40	0.758986581	0.7604456	0.076617545	0.9401514551
##	3676	1232-10007	RR_40	0.603488829	0.7604456	-0.112626728	0.9422031350
##	3677	2398-10023	RR_40	0.939618636	0.7604456	1.217063292	1.2692378394
##	3678	1475-10001	RR_40	0.675050598	0.7604456	0.788773623	-0.7244063370
##	3679	1995-10064	RR_40	0.844383713	0.7604456	-0.147487515	1.3993756565
##	3680	2590-10014	RR_40	0.764678865	0.7604456	0.126418669	1.1733689521
##	3681	2510-10140	RR_40	0.915385846	0.7604456	0.176219793	1.3370553376
##	3682	1459-10021	RR_40	0.899121231	0.7604456	-0.331751675	1.2434332692
##	3683	1135-10040	RR_40	0.800086094	0.7604456	-1.108649214	0.7442260305
##	3684	1302-10076	RR_40	0.977709841	0.7604456	0.440165752	0.6443671695
##	3685	2244-10002	RR_40	0.743915222	0.7604456	1.764875659	0.3883338549
##	3686	1302-10211	RR_40	0.976273233	0.7604456	1.002918457	0.6055302633
##	3687	2282-10023	RR_40	0.768378453	0.7604456	0.006895971	1.0710526018
##	3688	2665-10007	RR_40	0.734688814	0.7604456	-0.784941906	1.2000127204
##	3689	1302-10223	RR_40	0.950954017	0.7604456	0.245941367	1.0965517439
##	3690	1065-10023	RR_40	0.766715676	0.7604456	0.948137220	0.1487040961
##	3691	1164-10002	RR_40	0.692424745	0.7604456	-0.018004592	1.1834732454
##	3692	1092-10005	RR_40	0.539842071	-1.3148842	-0.232149426	-0.7867282185
##	3693	2395-10024	RR_40	0.661738224	0.7604456	1.715074535	0.1447157996
##	3694	2644-10030	RR_40	0.662289106	0.7604456	0.300722604	0.3049503503
##	3695	1302-10118	RR_40	0.953944702	0.7604456	-1.108649214	0.7500934614
##	3696	1053-10016	RR_40	0.560508664	0.7604456	-0.725180557	1.0456819773
##	3697	2510-10040	RR_40	0.812973306	0.7604456	0.131398781	0.6314288561
##	3698	1111-10007	RR_40	0.780148740	0.7604456	0.126418669	1.0928114361

##	3699	1477-10013	RR_40	0.930014236	0.7604456	1.336585990	1.3263562568
##	3700	1463-10017	RR_40	0.749879050	0.7604456	-0.640518646	0.6291808912
##	3701	2606-10005	RR_40	0.883336134	0.7604456	1.022838907	0.9745796982
##	3702	1211-10037	RR_40	0.333718957	0.7604456	-1.143510001	0.4347325549
##	3703	1333-10002	RR_40	0.349502917	-1.3148842	0.061677207	0.1173961141
##	3704	1207-10004	RR_40	0.770940203	0.7604456	-0.705260107	1.3553798532
##	3705	1711-10001	RR_40	0.783527167	0.7604456	1.047739469	0.5909944471
##	3706	1528-10012	RR_40	0.857256022	0.7604456	0.365464066	1.1446529539
##	3707	2590-10004	RR_40	0.796308395	0.7604456	0.196140243	1.2228953455
##	3708	1369-10013	RR_40	0.548359647	-1.3148842	-0.127567065	-0.3783521929
##	3709	2398-10078	RR_40	0.905419036	0.7604456	-0.361632349	1.3958678961
##	3710	2750-10011	RR_40	0.337005477	0.7604456	0.519847551	1.0931958678
##	3711	2510-10148	RR_40	0.615438160	0.7604456	0.514867439	-0.9258245339
##	3712	2398-10024	RR_40	0.913681480	0.7604456	-0.799882243	1.2287576568
##	3713	1369-10002	RR_40	0.717087933	0.7604456	-1.158450339	0.6143996652
##	3714	2523-10006	RR_40	0.867049666	0.7604456	0.987978120	0.9995401725
##	3715	1302-10409	RR_40	0.984872901	0.7604456	1.326625765	1.1489310034
##	3716	2398-10130	RR_40	0.826289405	0.7604456	-0.715220332	1.2483270304
##	3717	1898-10005	RR_40	0.619583191	0.7604456	-0.416413586	0.9995592893
##	3718	1247-10007	RR_40	0.675001801	0.7604456	-0.755061232	1.2705621755
##	3719	2946-10001	RR_40	0.263618203	-1.3148842	-0.720200444	-1.0129312343
##	3720	1139-10005	RR_40	0.791569520	0.7604456	1.929219370	0.5703921874
##	3721	2725-10001	RR_40	0.040725665	0.7604456	-0.281950550	-0.0909777316
##	3722	1141-10007	RR_40	0.590137700	0.7604456	0.265861817	1.0147873335
##	3723	1207-10052	RR_40	0.768857353	0.7604456	0.061677207	1.0041499941
##	3724	1281-10003	RR_40	0.599751939	0.7604456	-0.117606840	0.9176838004
##	3725	2449-10068	RR_40	0.856407767	0.7604456	0.320643054	1.0267640890

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## 3726 2465-10004 RR_40 0.081862132 -1.3148842 0.121438557 -1.1171773405
## 3727 2398-10133 RR_40 0.887045423 0.7604456 0.320643054 1.2110965365
## 3728 1298-10045 RR_40 0.249050292 -1.3148842 0.106498219 -1.4312133351
## 3729 1063-10007 RR_40 0.778694163 0.7604456 0.176219793 0.8414066214
## 3730 1138-10026 RR_40 0.255445514 -1.3148842 0.390364628 -1.0412041304
## 3731 2986-10005 RR_40 0.059055766 -1.3148842 -0.351672124 -0.9017483687
## 3732 2398-10049 RR_40 0.847719725 0.7604456 -0.286930663 0.9633732096
## 3733 1281-10001 RR_40 0.649362238 0.7604456 0.778813398 0.8818839613
## 3734 1298-10039 RR_40 0.775684188 0.7604456 0.061677207 1.1376488472
## 3735 2518-10019 RR_40 0.346156288 -1.3148842 0.350523728 -0.7478637377
## 3736 2449-10022 RR_40 0.771018608 0.7604456 -0.122586953 0.5951529613
## 3737 1531-10005 RR_40 0.235036729 -1.3148842 0.216060693 -1.5258389631
## 3738 1381-10025 RR_40 0.182107512 -1.3148842 -0.690319770 -1.3977748085
## 3739 1115-10006 RR_40 0.705626371 0.7604456 -0.361632349 0.5307082183
## 3740 1252-10014 RR_40 0.448020412 0.7604456 -0.147487515 0.5408065491
## 3741 2449-10044 RR_40 0.838490332 0.7604456 0.435185640 0.7857174692
## 3742 1298-10047 RR_40 0.301062671 -1.3148842 -0.127567065 -1.1600084217
## 3743 1394-10012 RR_40 0.593386908 0.7604456 0.699131599 0.9340471439
## 3744 1575-10005 RR_40 0.573104114 0.7604456 0.405304965 0.9226202443
## 3745 1410-10007 RR_40 0.556096391 0.7604456 -0.008044367 0.7952338966
## 3746 1233-10017 RR_40 0.701859204 0.7604456 -0.142507402 0.5021907059
## 3747 1004-10005 RR_40 0.546629092 0.7604456 0.743952611 0.8582500900
## 3748 2615-10006 RR_40 0.735973975 0.7604456 -0.003064254 0.6265779214
## 3749 1267-10003 RR_40 0.458820163 0.7604456 -0.585737409 0.7168035111
## 3750 2378-10001 RR_40 0.836096161 0.7604456 0.086577770 1.1995871625
## 3751 1323-10001 RR_40 0.518347595 0.7604456 -0.451274373 0.7199356870
## 3752 1298-10009 RR_40 0.819543594 0.7604456 0.325623166 1.2131153180
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## 3753 1369-10011 RR_40 0.284545762 -1.3148842 -0.082746053 -1.5125226630
## 3754 1076-10016 RR_40 0.552099047 0.7604456 0.529807776 0.7949693910
## 3755 2398-10022 RR_40 0.808276753 0.7604456 -0.426373811 0.5429198090
## 3756 1487-10002 RR_40 0.759928787 0.7604456 0.071637432 0.7036465155
## 3757 2449-10020 RR_40 0.796482672 0.7604456 -0.252069876 0.6607431563
## 3758 1470-10011 RR_40 0.622752998 0.7604456 1.162282055 0.7603283148
## 3759 2385-10004 RR_40 0.078461115 0.7604456 0.455106090 -0.1075564222
## 3760 1792-10004 RR_40 0.104690827 -1.3148842 0.529807776 -1.0400603383
## 3761 2601-10003 RR_40 0.041276822 0.7604456 0.011876083 -0.0662963876
## 3762 1345-10006 RR_40 0.046229845 0.7604456 0.335583391 0.2522124333
## 3763 1873-10005 RR_40 0.078618351 -1.3148842 -0.620598196 -1.1196534336
## 3764 2405-10018 RR_40 0.105464888 -1.3148842 0.594549238 -1.3623477463
## 3765 1594-10003 RR_40 0.029633880 0.7604456 -1.118609439 -0.0956195483
## 3766 1819-10006 RR_40 0.059900607 -1.3148842 -0.306851113 -1.3740331428
## 3767 2563-10003 RR_40 0.064153946 -1.3148842 -0.779961794 -1.6479753926
## 3768 2971-10002 RR_40 0.047748929 -1.3148842 -0.262030101 -0.9570089001
## 3769 2714-10001 RR_40 0.050721912 0.7604456 0.634390137 -0.3501342752
## 3770 2739-10001 RR_40 0.022807985 0.7604456 -1.023987303 -0.1033679549
## 3771 3029-10002 RR_40 0.081160501 -1.3148842 0.231001030 -1.3671352536
## 3772 2530-10004 RR_40 0.022556239 0.7604456 -0.271990326 -0.2395586113
## 3773 2548-10025 RR_40 0.143750076 -1.3148842 0.803713960 -1.4762390416
## 3774 1666-10003 RR_40 0.041327704 -1.3148842 -0.112626728 -1.3773513028
## 3775 1119-10001 RR_40 0.054168406 -1.3148842 -0.580757296 -1.7524327354
## 3776 2603-10002 RR_40 0.109253146 0.7604456 -0.545896509 0.6084538247
## 3777 1100-10005 RR_40 0.053589989 -1.3148842 -0.167407964 -1.7983059256
## 3778 1275-10004 RR_40 0.069495196 -1.3148842 0.644350362 -0.7990070905
## 3779 1662-10002 RR_40 0.136817424 0.7604456 -0.212228976 -0.2492343087
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## 3780 2545-10026 RR_40 0.186771056 0.7604456 0.156299344 -0.1453520729
## 3781 2645-10010 RR_40 0.210778917 0.7604456 -0.640518646 -0.6989226573
## 3782 2615-10002 RR_40 0.304967586 0.7604456 -0.555856734 -0.7530325269
## 3783 2293-10003 RR_40 0.150598985 0.7604456 -0.311831225 0.8238593029
## 3784 1343-10022 RR_40 0.314878368 -1.3148842 -0.167407964 0.4387959013
## 3785 2407-10004 RR_40 0.601760252 0.7604456 0.579608900 0.4754961951
## 3786 2965-10002 RR_40 0.105873837 0.7604456 -1.168410563 -0.5990167620
## 3787 3025-10005 RR_40 0.257803422 0.7604456 -0.745101007 0.1197931446
## 3788 2615-10007 RR_40 0.347320731 0.7604456 -0.799882243 -0.7969158901
## 3789 2449-10045 RR_40 0.408394010 0.7604456 0.365464066 -0.7143995766
## 3790 2590-10020 RR_40 0.385869300 0.7604456 0.554708338 -0.0997052823
## 3791 1186-10007 RR_40 0.359932563 -1.3148842 0.524827664 -0.0703660458
## 3792 1474-10012 RR_40 0.415310557 -1.3148842 1.715074535 -1.9125512849
## 3793 2448-10041 RR_40 0.447878673 -1.3148842 0.509887326 -1.1026957556
## 3794 1027-10002 RR_40 0.211353610 -1.3148842 -0.580757296 -0.4426054319
## 3795 1302-10093 RR_40 0.663763031 -1.3148842 -0.700279995 -1.7554870629
## 3796 2510-10099 RR_40 0.661525195 -1.3148842 1.236983741 -0.9915994618
## 3797 1092-10003 RR_40 0.537722221 -1.3148842 -0.535936284 -0.8311493629
## 3798 1381-10025 RR_40 0.182107512 -1.3148842 -0.690319770 -1.3977748085
## 3799 1252-10010 RR_40 0.291270326 0.7604456 1.152321830 -0.5321715665
## 3800 1075-10003 RR_40 0.475709334 0.7604456 -1.467217309 1.0565467123
## 3801 1247-10005 RR_40 0.733572228 0.7604456 0.445145865 1.2455801541
## 3802 1302-10216 RR_40 0.917947356 0.7604456 -1.337734386 0.8305001254
## 3803 1540-10009 RR_40 0.370509812 0.7604456 1.236983741 0.0234198826
## 3804 1087-10004 RR_40 0.461840597 0.7604456 -0.471194823 0.9270190713
## 3805 1024-10001 RR_40 0.122506672 0.7604456 -0.421393699 0.8778078364
## 3806 1199-10010 RR_40 0.685117728 0.7604456 0.853515084 1.0031225828
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## 3807 1247-10008 RR_40 0.641169440 0.7604456 -0.824782806 1.2088585520
## 3808 1343-10011 RR_40 0.735231972 0.7604456 1.152321830 1.2016056072
## 3809 1462-10007 RR_40 0.351578569 0.7604456 -0.027964816 0.6300735613
## 3810 1229-10004 RR_40 0.483913507 0.7604456 -1.019007190 1.1622957540
## 3811 1666-10003 RR_40 0.041327704 -1.3148842 -0.112626728 -1.3773513028
## 3812 2568-10015 RR_40 0.138519929 -1.3148842 0.345543616 -0.9188770943
## 3813 1354-10013 RR_40 0.205703855 -1.3148842 0.116458444 -0.8385543947
## 3814 2395-10023 RR_40 0.418636045 -1.3148842 2.402330051 -1.0085469479
## 3815 2448-10027 RR_40 0.264196018 -1.3148842 0.514867439 -1.6154381316
## 3816 2563-10001 RR_40 0.475408541 -1.3148842 3.149346915 -1.2864490165
## 3817 1373-10003 RR_40 0.162361326 -1.3148842 -0.247089763 -0.4206886151
## 3818 2608-10010 RR_40 0.060486973 -1.3148842 -0.003064254 -1.9089095766
## 3819 2955-10001 RR_40 0.012657517 -1.3148842 -0.361632349 -0.8338717538
## 3820 1358-10002 RR_40 0.327915091 -1.3148842 1.197142842 -0.7328788753
## 3821 2267-10004 RR_40 0.099865864 -1.3148842 -0.401473249 -1.2390946359
## 3822 2600-10003 RR_40 0.375476913 -1.3148842 1.764875659 -1.2336363006
## 3823 1412-10021 RR_40 0.074601569 -1.3148842 0.046736870 -1.7116605319
## 3824 1340-10002 RR_40 0.122869528 -1.3148842 -0.396493136 -0.9236854417
## 3825 2383-10022 RR_40 0.625658222 0.7604456 0.330603279 0.5981058653
## 3826 2263-10009 RR_40 0.788135331 0.7604456 0.211080580 0.7175961190
## 3827 2510-10126 RR_40 0.950938569 0.7604456 0.709091824 1.2211770454
## 3828 2717-10043 RR_40 0.632291139 0.7604456 -0.834743030 1.2228065226
## 3829 1302-10409 RR_40 0.984872901 0.7604456 1.326625765 1.1489310034
## 3830 2510-10033 RR_40 0.912868976 0.7604456 0.684191261 1.2863505406
## 3831 1460-10021 RR_40 0.592358956 0.7604456 -0.281950550 0.0279727337
## 3832 1302-10317 RR_40 0.987364809 0.7604456 1.246943966 1.0144744706
## 3833 1456-10036 RR_40 0.770715949 0.7604456 -0.809842468 1.2511720636
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##	3834	2829-10012	RR_40	0.794332266	0.7604456	0.081597657	0.8918995725
##	3835	2323-10001	RR_40	0.860293984	0.7604456	0.504907214	1.3126694760
##	3836	2432-10027	RR_40	0.727156706	0.7604456	-0.799882243	0.0544144877
##	3837	2428-10003	RR_40	0.780000112	0.7604456	-0.027964816	1.4023211864
##	3838	1379-10002	RR_40	0.782139163	0.7604456	0.574628788	0.8372862214
##	3839	1302-10105	RR_40	0.955413215	0.7604456	-1.955268328	0.9082697874
##	3840	1995-10063	RR_40	0.862769211	0.7604456	0.564668563	1.2643601965
##	3841	2946-10003	RR_40	0.248836945	0.7604456	-0.834743030	-0.3831727009
##	3842	1528-10006	RR_40	0.273259914	-1.3148842	-0.217209089	-0.3857455101
##	3843	1216-10003	RR_40	0.311246788	0.7604456	0.405304965	0.5134603619
##	3844	1243-10002	RR_40	0.216641390	0.7604456	-1.611640570	-0.8981555788
##	3845	1104-10001	RR_40	0.315080999	0.7604456	0.982998007	-0.4507355602
##	3846	1692-10001	RR_40	0.465948454	0.7604456	1.236983741	0.6024007876
##	3847	2545-10004	RR_40	0.712469106	0.7604456	2.337588589	-0.3083367079
##	3848	2937-10001	RR_40	0.159391808	0.7604456	-0.879564042	-0.3215127892
##	3849	2248-10003	RR_40	0.604631142	0.7604456	1.570651274	-0.4737611920
##	3850	1686-10001	RR_40	0.875250505	0.7604456	5.485019646	0.3315895841
##	3851	1706-10001	RR_40	0.693573287	0.7604456	-0.132547177	-0.4784617574
##	3852	1302-10368	RR_40	0.765178542	-1.3148842	-0.301871000	-1.2482937837
##	3853	1478-10004	RR_40	0.362601020	-1.3148842	-0.814822581	-0.5334249139
##	3854	2644-10055	RR_40	0.722079222	-1.3148842	1.510889925	-0.1899588297
##	3855	1092-10005	RR_40	0.539842071	-1.3148842	-0.232149426	-0.7867282185
##	3856	1455-10003	RR_40	0.491922631	-1.3148842	0.798733847	-0.4864736824
##	3857	2432-10019	RR_40	0.749123953	-1.3148842	0.295742492	-0.6396508707
##	3858	1202-10004	RR_40	0.425520375	-1.3148842	0.813674185	-1.1296980607
##	3859	2699-10003	RR_40	0.662182941	0.7604456	0.191160131	1.3969839752
##	3860	1348-10002	RR_40	0.702432639	0.7604456	-0.341711900	1.2648759763

##	3861	2448-10004	RR_40	0.773136131	0.7604456	0.699131599	0.5080091876
##	3862	1343-10004	RR_40	0.675142374	0.7604456	0.968057670	1.0588924254
##	3863	1171-10004	RR_40	0.325922887	0.7604456	-0.426373811	-0.0581586331
##	3864	2211-10009	RR_40	0.627608255	0.7604456	0.619449800	0.3869933347
##	3865	1164-10009	RR_40	0.626299737	0.7604456	-0.162427852	1.2171218572
##	3866	2664-10004	RR_40	0.444681089	0.7604456	-0.740120894	0.2327904740
##	3867	1302-10183	RR_40	0.960703641	0.7604456	0.753912835	0.8829669029
##	3868	1076-10028	RR_40	0.525511456	0.7604456	0.280802154	1.1049337767
##	3869	1178-10007	RR_40	0.623086037	0.7604456	1.441168351	1.2211494703
##	3870	1379-10011	RR_40	0.626069436	0.7604456	0.973037783	1.2032923386
##	3871	1216-10015	RR_40	0.155073740	-1.3148842	1.097540593	-1.7203888994
##	3872	1181-10014	RR_40	0.442424606	-1.3148842	2.845560057	-0.8906770914
##	3873	2548-10026	RR_40	0.286447439	-1.3148842	1.421247901	-1.0669448514
##	3874	2026-10001	RR_40	0.031972538	-1.3148842	-1.731163268	-1.5347326374
##	3875	1279-10003	RR_40	0.123535170	-1.3148842	-0.799882243	-1.3268407452
##	3876	2568-10015	RR_40	0.138519929	-1.3148842	0.345543616	-0.9188770943
##	3877	2190-10015	RR_40	0.402492092	-1.3148842	-1.990129115	0.6799897181
##	3878	1053-10005	RR_40	0.287318704	-1.3148842	0.813674185	-1.4812214837
##	3879	2402-10004	RR_40	0.097260292	-1.3148842	0.729012273	-1.3024758935
##	3880	1385-10001	RR_40	0.861331817	-1.3148842	8.697192165	-0.0934311055
##	3881	2579-10005	RR_40	0.164258539	-1.3148842	0.315662941	-0.9389827375
##	3882	1067-10008	RR_40	0.271240623	-1.3148842	-0.237129539	-0.3811631758
##	3883	1351-10011	RR_40	0.196542300	-1.3148842	-0.326771562	-0.5414307711
##	3884	1271-10003	RR_40	0.080585671	-1.3148842	-0.271990326	-1.5246001208
##	3885	1999-10002	RR_40	0.807672785	0.7604456	0.709091824	1.2113483688
##	3886	2785-10001	RR_40	0.585200609	0.7604456	0.499927101	0.0132385067
##	3887	2510-10146	RR_40	0.942756811	0.7604456	0.763873060	1.2975032049

##	3888	2449-10050	RR_40	0.811570893	0.7604456	-0.829762918	1.1447968282
##	3889	1302-10022	RR_40	0.993803095	0.7604456	2.735997584	1.0642135295
##	3890	2552-10008	RR_40	0.638649536	0.7604456	0.410285078	1.3370851411
##	3891	1459-10085	RR_40	0.902399021	0.7604456	3.119466241	0.4548209261
##	3892	1062-10003	RR_40	0.781978911	0.7604456	-0.545896509	1.0478431786
##	3893	2398-10094	RR_40	0.909482225	0.7604456	-0.545896509	1.3589387163
##	3894	2510-10119	RR_40	0.936624685	0.7604456	0.549728226	1.2171686061
##	3895	1302-10042	RR_40	0.982397950	0.7604456	-0.152467627	1.0934788850
##	3896	1482-10008	RR_40	0.797187253	0.7604456	-0.545896509	1.0512950694
##	3897	1062-10006	RR_40	0.793694798	0.7604456	-0.799882243	1.0172303582
##	3898	2510-10145	RR_40	0.959053577	0.7604456	1.022838907	1.3205824841
##	3899	1477-10034	RR_40	0.880613128	0.7604456	0.554708338	1.2567279873
##	3900	1477-10022	RR_40	0.927110559	0.7604456	1.471049026	1.2557309791
##	3901	2398-10069	RR_50	0.955552370	0.7604456	-0.117606840	1.3109964558
##	3902	2548-10015	RR_50	0.573486317	-1.3148842	1.520850150	-0.4112399406
##	3903	2448-10038	RR_50	0.602989054	-1.3148842	1.007898570	-0.9836476491
##	3904	1348-10007	RR_50	0.791178127	0.7604456	-0.600677746	1.3029188433
##	3905	2534-10014	RR_50	0.379655728	-1.3148842	0.534787888	-1.2914080395
##	3906	2429-10002	RR_50	0.870492441	0.7604456	-0.217209089	0.7253458090
##	3907	1146-10012	RR_50	0.864585459	0.7604456	-1.203271350	0.7919941325
##	3908	1116-10005	RR_50	0.156990518	-1.3148842	0.235981143	-1.8253886791
##	3909	2603-10001	RR_50	0.351738716	0.7604456	-0.894504380	0.8964888099
##	3910	1155-10009	RR_50	0.554437002	-1.3148842	0.285782267	-1.9915548430
##	3911	2341-10002	RR_50	0.814961116	0.7604456	-0.461234598	0.0169579656
##	3912	1530-10002	RR_50	0.135092699	0.7604456	-0.291910775	0.5773767563
##	3913	1125-10003	RR_50	0.250965938	-1.3148842	-0.685339657	-0.3280814938
##	3914	1207-10026	RR_50	0.850306818	0.7604456	0.146339119	1.3305761520

##	3915	2282-10016	RR_50	0.933352632	0.7604456	1.500929700	1.1058667366
##	3916	2842-10004	RR_50	0.442967446	0.7604456	0.021836308	0.1007243697
##	3917	1302-10281	RR_50	0.923908920	0.7604456	-0.799882243	0.3211600142
##	3918	1282-10004	RR_50	0.820992713	-1.3148842	2.860500394	0.5237469322
##	3919	1302-10247	RR_50	0.967114841	0.7604456	-1.248092362	0.9622065003
##	3920	2563-10011	RR_50	0.565671627	-1.3148842	0.624429912	-0.9703623447
##	3921	2323-10010	RR_50	0.511503718	0.7604456	-0.192308527	0.9085866395
##	3922	2698-10014	RR_50	0.712653567	0.7604456	-0.077765941	-0.2212626628
##	3923	2491-10008	RR_50	0.885104963	0.7604456	0.514867439	0.9922760925
##	3924	1333-10009	RR_50	0.816902047	0.7604456	0.091557882	1.0997982177
##	3925	2503-10003	RR_50	0.832960994	0.7604456	-0.964225954	1.2199850040
##	3926	1073-10007	RR_50	0.401194404	0.7604456	-0.018004592	0.0988725592
##	3927	2432-10015	RR_50	0.946333818	0.7604456	-0.944305504	1.3981370132
##	3928	2259-10001	RR_50	0.482113400	-1.3148842	0.156299344	0.0019293413
##	3929	2405-10007	RR_50	0.855829094	0.7604456	0.345543616	0.6797786977
##	3930	1379-10022	RR_50	0.881919897	0.7604456	-0.316811337	1.1112016040
##	3931	2510-10083	RR_50	0.970948778	0.7604456	1.117461043	1.3070294509
##	3932	1351-10023	RR_50	0.568281170	0.7604456	0.400324853	-0.1058056140
##	3933	1575-10001	RR_50	0.687869710	0.7604456	0.295742492	0.7809348120
##	3934	2347-10001	RR_50	0.714500128	0.7604456	-0.242109651	1.0860755868
##	3935	1302-10206	RR_50	0.970240672	0.7604456	-0.794902131	0.5061761994
##	3936	2510-10088	RR_50	0.958109588	0.7604456	-0.087726166	1.3702461327
##	3937	2345-10001	RR_50	0.771871357	0.7604456	-0.331751675	0.7988036586
##	3938	1463-10014	RR_50	0.756474954	0.7604456	0.370444178	-0.1768306706
##	3939	1058-10006	RR_50	0.950375699	0.7604456	1.182202505	0.7738976300
##	3940	1008-10006	RR_50	0.186573875	-1.3148842	1.466068913	-1.9425459396
##	3941	2591-10002	RR_50	0.373453120	0.7604456	-0.700279995	0.6301820166

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## 3942 1065-10011 RR_50 0.837776917 0.7604456 -0.192308527 0.6246553336
## 3943 2226-10001 RR_50 0.403518744 0.7604456 -1.566819558 0.9449814825
## 3944 1145-10007 RR_50 0.883692368 0.7604456 1.406307564 1.2270836500
## 3945 2323-10024 RR_50 0.914137409 0.7604456 -0.580757296 1.3675628175
## 3946 1343-10014 RR_50 0.594195148 0.7604456 -0.530956172 0.7735938766
## 3947 1302-10326 RR_50 0.985487886 0.7604456 -0.326771562 0.5444075410
## 3948 1477-10031 RR_50 0.965406524 0.7604456 2.486991962 1.2715721767
## 3949 1211-10005 RR_50 0.879296868 0.7604456 -0.406453361 1.0153744601
## 3950 1186-10010 RR_50 0.854278825 0.7604456 0.046736870 1.2099007640
## 3951 1435-10018 RR_50 0.568508416 0.7604456 -0.700279995 0.5342127925
## 3952 1211-10006 RR_50 0.914080358 0.7604456 -0.262030101 1.1832547832
## 3953 2586-10003 RR_50 0.339864840 -1.3148842 0.196140243 -1.2542464342
## 3954 2568-10013 RR_50 0.220192212 -1.3148842 0.504907214 -1.1980978056
## 3955 2719-10010 RR_50 0.780222574 0.7604456 -0.381552799 1.1054976822
## 3956 2608-10003 RR_50 0.661314732 0.7604456 -0.172388077 0.6175038524
## 3957 1723-10001 RR_50 0.064005139 -1.3148842 -0.670399320 -0.9523193596
## 3958 2746-10025 RR_50 0.488720720 0.7604456 1.864477908 -0.2984153535
## 3959 2665-10004 RR_50 0.834032687 0.7604456 0.579608900 0.7788721508
## 3960 2326-10012 RR_50 0.928861837 0.7604456 0.609489575 1.3573021544
## 3961 1021-10001 RR_50 0.379521270 0.7604456 -0.027964816 0.8938170066
## 3962 1459-10080 RR_50 0.554905883 -1.3148842 0.893355984 -1.5474944170
## 3963 1441-10004 RR_50 0.799385235 0.7604456 -0.067805716 0.5541154491
## 3964 2967-10006 RR_50 0.940560655 0.7604456 0.773833285 1.2772885089
## 3965 2395-10038 RR_50 0.339785883 -1.3148842 2.765878258 -1.6749428530
## 3966 1482-10005 RR_50 0.919618997 0.7604456 -0.675379433 1.2692010787
## 3967 1456-10034 RR_50 0.888428220 0.7604456 -0.276970438 1.1727925391
## 3968 2353-10003 RR_50 0.777075351 0.7604456 0.430205527 1.0390742805
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##	3969	1452-10039	RR_50	0.896145263	0.7604456	1.959100044	0.9207943531
##	3970	1444-10022	RR_50	0.810879602	0.7604456	0.992958232	0.6762620412
##	3971	1302-10078	RR_50	0.992366092	0.7604456	-0.167407964	0.4283301137
##	3972	2398-10130	RR_50	0.905240163	0.7604456	-0.715220332	1.2483270304
##	3973	2644-10065	RR_50	0.414700565	-1.3148842	1.077620144	-0.4340958121
##	3974	2566-10002	RR_50	0.687885440	0.7604456	-1.009046966	1.1071344782
##	3975	2347-10003	RR_50	0.743115230	0.7604456	1.032799132	1.0249880978
##	3976	1456-10026	RR_50	0.718343948	0.7604456	0.325623166	0.3435572338
##	3977	1076-10011	RR_50	0.858827730	0.7604456	0.161279456	0.9271873937
##	3978	1337-10001	RR_50	0.778277763	0.7604456	-0.077765941	0.8063044196
##	3979	2429-10011	RR_50	0.802657581	0.7604456	0.166259568	-0.2789180076
##	3980	2286-10035	RR_50	0.914232506	0.7604456	-0.062825603	1.1061861323
##	3981	1166-10006	RR_50	0.767264992	0.7604456	-0.610637971	0.6282995927
##	3982	1551-10008	RR_50	0.608634445	0.7604456	-0.540916397	0.5059083512
##	3983	2670-10004	RR_50	0.786590883	0.7604456	0.245941367	-0.0290740571
##	3984	2642-10009	RR_50	0.905405585	0.7604456	0.559688451	1.0345073775
##	3985	1302-10157	RR_50	0.926147418	-1.3148842	-1.128569664	-1.0551273499
##	3986	1302-10410	RR_50	0.986803215	0.7604456	-0.710240220	1.0987291106
##	3987	1302-10217	RR_50	0.990125219	0.7604456	2.193165328	1.1535071316
##	3988	1333-10010	RR_50	0.924785661	0.7604456	1.112480931	1.3485053510
##	3989	1007-10002	RR_50	0.534878875	-1.3148842	0.375424291	1.0747618704
##	3990	1207-10001	RR_50	0.877138748	0.7604456	-0.625578308	1.2206612054
##	3991	2084-10008	RR_50	0.711982377	0.7604456	0.275822042	0.7297487274
##	3992	1302-10181	RR_50	0.961767484	0.7604456	-1.143510001	0.3352083895
##	3993	1478-10005	RR_50	0.866821763	0.7604456	-0.799882243	0.9086811789
##	3994	1456-10040	RR_50	0.918907291	-1.3148842	0.275822042	1.3102205458
##	3995	1048-10001	RR_50	0.942675237	0.7604456	0.903316208	1.3590099400

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## 3996 1302-10302 RR_50 0.957752041 0.7604456 -0.067805716 0.0918322893
## 3997 1118-10006 RR_50 0.477323635 0.7604456 -0.550876622 -0.8767675806
## 3998 2510-10086 RR_50 0.973604739 0.7604456 1.466068913 1.2330949241
## 3999 2861-10001 RR_50 0.102580998 -1.3148842 0.923236658 -1.3882411527
## 4000 2383-10015 RR_50 0.527393449 0.7604456 -1.282953149 -0.2067409163
## 4001 1302-10198 RR_50 0.993194157 0.7604456 3.786801307 0.9009862601
## 4002 1188-10010 RR_50 0.483638923 -1.3148842 -0.117606840 -0.3008952813
## 4003 1422-10005 RR_50 0.820654157 0.7604456 0.245941367 1.0729498299
## 4004 2398-10088 RR_50 0.952515465 0.7604456 0.146339119 1.3455688911
## 4005 1302-10391 RR_50 0.993201335 0.7604456 1.251924079 0.8838924384
## 4006 1366-10015 RR_50 0.674571331 0.7604456 0.415265190 0.8766360050
## 4007 1302-10344 RR_50 0.993957821 0.7604456 0.719052048 0.9404414954
## 4008 1302-10303 RR_50 0.990984576 0.7604456 -0.520995947 0.5820601745
## 4009 2286-10013 RR_50 0.927523981 0.7604456 -0.506055610 1.0784862249
## 4010 2510-10079 RR_50 0.968151637 0.7604456 0.908296321 1.2661647857
## 4011 1333-10006 RR_50 0.833385875 0.7604456 -0.889524267 1.3280574711
## 4012 1302-10103 RR_50 0.991877367 0.7604456 0.186180018 1.0035757676
## 4013 1302-10274 RR_50 0.960341176 0.7604456 -0.750081119 0.3149570757
## 4014 1139-10002 RR_50 0.817077107 0.7604456 -0.227169314 1.0184126730
## 4015 2644-10044 RR_50 0.634241963 -1.3148842 -0.326771562 -1.1256611713
## 4016 2444-10002 RR_50 0.286056853 0.7604456 1.510889925 0.2682126247
## 4017 2785-10001 RR_50 0.739131599 0.7604456 0.499927101 0.0132385067
## 4018 1215-10003 RR_50 0.598878381 0.7604456 0.848534972 -0.6100277182
## 4019 2717-10016 RR_50 0.893517263 0.7604456 0.948137220 1.4048474655
## 4020 2717-10007 RR_50 0.850568129 0.7604456 -0.839723143 1.3989923240
## 4021 1482-10006 RR_50 0.408856295 -1.3148842 0.320643054 -1.3255726182
## 4022 1141-10007 RR_50 0.743041033 0.7604456 0.265861817 1.0147873335
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## 4023 1207-10052 RR_50 0.869797628 0.7604456 0.061677207 1.0041499941
## 4024 1439-10001 RR_50 0.414132310 -1.3148842 0.011876083 -0.6672898493
## 4025 2449-10068 RR_50 0.922946357 0.7604456 0.320643054 1.0267640890
## 4026 1186-10012 RR_50 0.735024817 0.7604456 0.076617545 0.5464946143
## 4027 2398-10133 RR_50 0.940375384 0.7604456 0.320643054 1.2110965365
## 4028 1480-10006 RR_50 0.436492463 -1.3148842 0.231001030 -1.1251172535
## 4029 1186-10015 RR_50 0.768936955 0.7604456 0.450125977 0.6165215380
## 4030 1477-10033 RR_50 0.882352920 0.7604456 -0.042905154 0.8615180737
## 4031 1298-10045 RR_50 0.399779577 -1.3148842 0.106498219 -1.4312133351
## 4032 2475-10015 RR_50 0.721959122 0.7604456 0.061677207 0.6435105958
## 4033 1063-10007 RR_50 0.876031327 0.7604456 0.176219793 0.8414066214
## 4034 1138-10026 RR_50 0.407942702 -1.3148842 0.390364628 -1.0412041304
## 4035 1209-10011 RR_50 0.705364707 0.7604456 -0.047885266 0.6521028444
## 4036 2398-10049 RR_50 0.917898275 0.7604456 -0.286930663 0.9633732096
## 4037 1298-10039 RR_50 0.874131239 0.7604456 0.061677207 1.1376488472
## 4038 2324-10001 RR_50 0.102465373 0.7604456 -0.027964816 0.0586415561
## 4039 1379-10014 RR_50 0.677372305 0.7604456 -0.117606840 0.7944917181
## 4040 2449-10022 RR_50 0.871173204 0.7604456 -0.122586953 0.5951529613
## 4041 2335-10001 RR_50 0.103346157 0.7604456 -0.854663480 -0.0610920960
## 4042 2398-10076 RR_50 0.934907563 0.7604456 -0.092706278 1.1436380566
## 4043 2272-10001 RR_50 0.151709384 0.7604456 0.370444178 0.0312937693
## 4044 1193-10006 RR_50 0.856911657 0.7604456 0.046736870 1.1016890404
## 4045 1381-10025 RR_50 0.308992549 -1.3148842 -0.690319770 -1.3977748085
## 4046 1115-10006 RR_50 0.828002507 0.7604456 -0.361632349 0.5307082183
## 4047 1460-10030 RR_50 0.546731601 -1.3148842 0.504907214 -1.2354460840
## 4048 1252-10014 RR_50 0.619783156 0.7604456 -0.147487515 0.5408065491
## 4049 2449-10044 RR_50 0.912483149 0.7604456 0.435185640 0.7857174692
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## 4050 1394-10012 RR_50 0.745600630 0.7604456 0.699131599 0.9340471439
## 4051 1452-10008 RR_50 0.881470860 0.7604456 -0.276970438 0.8789746169
## 4052 2447-10006 RR_50 0.103249973 0.7604456 -0.396493136 -0.5782230759
## 4053 1410-10007 RR_50 0.715578582 0.7604456 -0.008044367 0.7952338966
## 4054 1004-10005 RR_50 0.707724933 0.7604456 0.743952611 0.8582500900
## 4055 1957-10002 RR_50 0.141265421 -1.3148842 -0.222189201 -1.2094846478
## 4056 1062-10011 RR_50 0.847788745 0.7604456 -0.162427852 0.6131524055
## 4057 2615-10006 RR_50 0.848443795 0.7604456 -0.003064254 0.6265779214
## 4058 2424-10001 RR_50 0.072641412 0.7604456 -0.321791450 0.2413699507
## 4059 2378-10001 RR_50 0.911069493 0.7604456 0.086577770 1.1995871625
## 4060 1981-10007 RR_50 0.125296973 -1.3148842 -0.242109651 -1.5410098326
## 4061 1470-10011 RR_50 0.768266742 0.7604456 1.162282055 0.7603283148
## 4062 2804-10001 RR_50 0.070952456 0.7604456 -1.442316747 0.0711718960
## 4063 1981-10001 RR_50 0.154962227 -1.3148842 0.310682829 -1.5759268517
## 4064 2345-10020 RR_50 0.751362756 0.7604456 -0.107646615 0.8969819280
## 4065 2467-10001 RR_50 0.066938058 0.7604456 -1.098688989 0.3620107993
## 4066 2110-10002 RR_50 0.087213553 -1.3148842 -0.431353923 -1.2833588308
## 4067 2914-10003 RR_50 0.095140196 -1.3148842 -1.019007190 -1.0856152277
## 4068 1003-10006 RR_50 0.148727643 -1.3148842 -0.003064254 -1.3120807123
## 4069 2674-10001 RR_50 0.067182946 0.7604456 0.081597657 -0.4416677676
## 4070 1012-10008 RR_50 0.226167057 -1.3148842 0.828614522 -0.9162180839
## 4071 2805-10006 RR_50 0.147410069 0.7604456 -0.645498758 0.3519943041
## 4072 1821-10004 RR_50 0.118723339 0.7604456 0.206100468 -0.2904287403
## 4073 2417-10003 RR_50 0.253878841 -1.3148842 0.146339119 -0.8636108189
## 4074 3041-10002 RR_50 0.118965320 -1.3148842 -0.257049988 -1.2779853340
## 4075 2518-10004 RR_50 0.286165406 0.7604456 -0.062825603 -0.2560726862
## 4076 2597-10007 RR_50 0.142055871 -1.3148842 0.694151486 -1.4472545195
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## 4077 1626-10003 RR_50 0.099838394 -1.3148842 -0.276970438 -1.4919308440
## 4078 2931-10018 RR_50 0.115482042 -1.3148842 -0.635538533 -0.7661088826
## 4079 1499-10003 RR_50 0.104677000 -1.3148842 -0.575777184 -1.3177663315
## 4080 2548-10025 RR_50 0.252148566 -1.3148842 0.803713960 -1.4762390416
## 4081 1695-10001 RR_50 0.857279563 0.7604456 1.017858794 0.0605935681
## 4082 1219-10006 RR_50 0.401461540 -1.3148842 -0.809842468 -0.2977758791
## 4083 2424-10001 RR_50 0.072641412 0.7604456 -0.321791450 0.2413699507
## 4084 2931-10008 RR_50 0.215019722 0.7604456 -0.740120894 -0.1422125242
## 4085 2156-10001 RR_50 0.647502262 0.7604456 -0.511035722 -0.1426335331
## 4086 1697-10001 RR_50 0.898306711 0.7604456 3.717079733 0.0675498924
## 4087 2360-10007 RR_50 0.536673206 0.7604456 -0.008044367 -0.5417408514
## 4088 1756-10001 RR_50 0.262549212 0.7604456 0.285782267 0.2887188139
## 4089 1767-10001 RR_50 0.180418278 0.7604456 1.959100044 -0.1118792894
## 4090 1516-10009 RR_50 0.504818375 0.7604456 0.036776645 -0.2730701155
## 4091 1183-10008 RR_50 0.306674903 0.7604456 0.250921480 -0.8430963968
## 4092 1302-10295 RR_50 0.937254486 -1.3148842 -0.889524267 -0.4709296766
## 4093 1536-10008 RR_50 0.592686186 -1.3148842 -0.301871000 0.0398796133
## 4094 1395-10008 RR_50 0.397568274 -1.3148842 -1.093708877 -1.6113890056
## 4095 1133-10014 RR_50 0.661293566 -1.3148842 1.241963854 -0.9329918230
## 4096 2644-10049 RR_50 0.655363247 -1.3148842 -0.346692012 -0.5550602049
## 4097 2698-10016 RR_50 0.654193509 -1.3148842 0.524827664 -0.3849393505
## 4098 2913-10009 RR_50 0.390487444 -1.3148842 1.774835884 -1.0559286140
## 4099 1087-10002 RR_50 0.619188790 0.7604456 -0.386532912 0.8604485766
## 4100 1302-10006 RR_50 0.984771549 0.7604456 1.152321830 0.8963283459
## 4101 2413-10009 RR_50 0.792356152 0.7604456 0.101518107 1.2797142429
## 4102 1310-10005 RR_50 0.811079756 0.7604456 0.226020918 1.0505025917
## 4103 1277-10010 RR_50 0.686007046 0.7604456 0.340563504 1.0516546968
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## 4104 1553-10004 RR_50 0.535914153 0.7604456 -0.849683368 0.2905561639
## 4105 2448-10007 RR_50 0.836848150 0.7604456 0.634390137 -0.0306254562
## 4106 1393-10015 RR_50 0.479160420 0.7604456 -0.660439095 0.1973517195
## 4107 1302-10238 RR_50 0.983172396 0.7604456 1.446148464 1.0507231801
## 4108 1232-10001 RR_50 0.775847638 0.7604456 0.355503841 0.9707250156
## 4109 1138-10002 RR_50 0.309802173 0.7604456 0.116458444 0.3777454734
## 4110 1422-10023 RR_50 0.770456364 0.7604456 0.569648675 0.7524450959
## 4111 1793-10001 RR_50 0.154164054 -1.3148842 1.396347339 -0.7631255340
## 4112 1308-10001 RR_50 0.029264481 -1.3148842 -1.327774161 -1.2753985252
## 4113 2360-10013 RR_50 0.299621230 -1.3148842 1.690173973 -1.6396202040
## 4114 2170-10013 RR_50 0.150037293 -1.3148842 -0.451274373 -0.1890885720
## 4115 2254-10001 RR_50 0.675069519 -1.3148842 -0.436334036 -0.0666429551
## 4116 1398-10003 RR_50 0.143011791 -1.3148842 0.176219793 -1.9289596819
## 4117 2190-10018 RR_50 0.590457636 -1.3148842 -1.631561020 0.7775682575
## 4118 2664-10008 RR_50 0.353536496 -1.3148842 1.291764978 -1.1345534558
## 4119 2907-10001 RR_50 0.054932996 -1.3148842 -1.427376410 -0.5802664936
## 4120 1181-10017 RR_50 0.451389887 -1.3148842 1.700134198 -1.4193235186
## 4121 1133-10023 RR_50 0.529683897 -1.3148842 1.291764978 -0.3715650596
## 4122 2644-10062 RR_50 0.596081653 -1.3148842 -0.411433474 -0.7934828379
## 4123 2568-10018 RR_50 0.067155131 -1.3148842 -0.570797072 -1.4412860620
## 4124 1464-10028 RR_50 0.124323633 -1.3148842 -0.152467627 -0.8309879322
## 4125 1455-10005 RR_50 0.824417437 0.7604456 -0.217209089 0.4131812985
## 4126 1431-10013 RR_50 0.896581740 0.7604456 -0.839723143 0.4392405263
## 4127 1207-10052 RR_50 0.869797628 0.7604456 0.061677207 1.0041499941
## 4128 2398-10063 RR_50 0.972295889 0.7604456 1.032799132 1.2684240746
## 4129 2266-10001 RR_50 0.980783228 0.7604456 2.611494773 1.1586578615
## 4130 1327-10001 RR_50 0.884924586 0.7604456 0.201120355 1.0758711672
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##	4131	2383-10005	RR_50	0.870357621	0.7604456	0.709091824	1.2794291749
##	4132	2510-10022	RR_50	0.937087324	0.7604456	-0.999086741	1.1711122291
##	4133	2788-10007	RR_50	0.924302889	0.7604456	-0.092706278	0.6817516859
##	4134	2286-10050	RR_50	0.950045974	0.7604456	0.589569125	1.0296306851
##	4135	1302-10129	RR_50	0.995612139	0.7604456	0.948137220	1.1809919748
##	4136	1456-10004	RR_50	0.851270480	0.7604456	0.509887326	0.7825348811
##	4137	2449-10004	RR_50	0.927718273	0.7604456	0.111478332	1.2109598724
##	4138	1044-10018	RR_50	0.818503567	0.7604456	-0.934345279	1.3241677753
##	4139	1327-10010	RR_50	0.563068688	0.7604456	0.300722604	-0.1704501216
##	4140	1387-10012	RR_50	0.970169515	0.7604456	3.094565679	1.2811495080
##	4141	2505-10001	RR_50	0.289974547	0.7604456	0.021836308	0.6836840600
##	4142	2271-10001	RR_50	0.481630366	0.7604456	-0.117606840	0.5135125837
##	4143	1480-10004	RR_50	0.578491704	0.7604456	-0.207248864	-0.5630802549
##	4144	2252-10001	RR_50	0.746836215	0.7604456	1.889378470	-0.4256162520
##	4145	1424-10025	RR_50	0.491178086	0.7604456	-0.152467627	-0.6658972159
##	4146	1128-10001	RR_50	0.470211071	-1.3148842	-0.252069876	0.0621531859
##	4147	2159-10003	RR_50	0.436696753	0.7604456	-0.924385054	-0.0461014311
##	4148	2204-10007	RR_50	0.483232141	0.7604456	-1.482157647	0.3177297985
##	4149	2773-10007	RR_50	0.589674391	0.7604456	-0.351672124	0.2477542539
##	4150	2143-10007	RR_50	0.371379093	0.7604456	-0.356652237	0.3687674693
##	4151	1319-10001	RR_50	0.595649034	-1.3148842	4.035806928	-1.0734157000
##	4152	1088-10006	RR_50	0.309373049	-1.3148842	-0.351672124	-1.8691774804
##	4153	1090-10001	RR_50	0.186290499	-1.3148842	-0.770001569	-1.4379660768
##	4154	2644-10040	RR_50	0.645589713	-1.3148842	0.006895971	-0.4582826043
##	4155	1302-10294	RR_50	0.767153065	-1.3148842	-0.799882243	-1.4468607292
##	4156	2670-10008	RR_50	0.399859905	-1.3148842	-0.351672124	-1.7704809683
##	4157	1227-10003	RR_50	0.771449211	-1.3148842	0.415265190	-0.0671401712

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## 4158 2448-10024 RR_50 0.825861795 -1.3148842 0.997938345 -0.6026046922
## 4159 1311-10012 RR_50 0.793711902 0.7604456 1.132401380 1.1577767278
## 4160 2263-10004 RR_50 0.849805390 0.7604456 1.361486552 0.9238149567
## 4161 2515-10026 RR_50 0.821443745 0.7604456 0.788773623 0.3250354281
## 4162 1302-10240 RR_50 0.974611589 0.7604456 0.360483953 1.2229790193
## 4163 2461-10004 RR_50 0.706373730 0.7604456 -1.158450339 0.7052838441
## 4164 1225-10002 RR_50 0.721890591 0.7604456 1.067659919 0.9090639542
## 4165 1302-10202 RR_50 0.985437002 0.7604456 2.113483530 1.0222477400
## 4166 1365-10003 RR_50 0.553445938 0.7604456 0.564668563 0.8827666033
## 4167 1410-10002 RR_50 0.714710388 0.7604456 0.470046427 0.9697958046
## 4168 1219-10005 RR_50 0.540233475 0.7604456 -0.580757296 0.1610239865
## 4169 1451-10014 RR_50 0.734660172 0.7604456 1.117461043 0.5488405802
## 4170 2611-10002 RR_50 0.744535717 0.7604456 0.176219793 1.2244708229
## 4171 2191-10009 RR_50 0.472514914 -1.3148842 -1.631561020 0.2222782416
## 4172 1188-10012 RR_50 0.578313758 -1.3148842 1.759895547 -0.7673508180
## 4173 2644-10059 RR_50 0.478973256 -1.3148842 0.564668563 -0.4345456943
## 4174 2510-10152 RR_50 0.459844704 -1.3148842 1.331605878 -1.3986931956
## 4175 2916-10002 RR_50 0.092732185 -1.3148842 -0.715220332 -1.1918661585
## 4176 1376-10006 RR_50 0.245146117 -1.3148842 0.893355984 -1.0228543418
## 4177 1067-10002 RR_50 0.423453140 -1.3148842 0.270841930 -0.1408165879
## 4178 2360-10001 RR_50 0.484437262 -1.3148842 0.644350362 -0.9586014226
## 4179 1824-10001 RR_50 0.920077865 -1.3148842 10.858560961 -0.4200433593
## 4180 1430-10002 RR_50 0.250563305 -1.3148842 0.116458444 -1.0942435847
## 4181 2254-10001 RR_50 0.675069519 -1.3148842 -0.436334036 -0.0666429551
## 4182 1133-10007 RR_50 0.369907406 -1.3148842 1.595551837 -1.6933280336
## 4183 2515-10019 RR_50 0.434876868 -1.3148842 2.551733424 -1.4469697323
## 4184 1181-10019 RR_50 0.450651627 -1.3148842 1.739975097 -0.7996072169
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##	4185	1537-10006	RR_50	0.745433936	0.7604456	1.122441155	0.6708084673
##	4186	2510-10144	RR_50	0.965030694	0.7604456	0.868455421	1.2694557355
##	4187	2552-10010	RR_50	0.945800477	0.7604456	0.594549238	1.0950137472
##	4188	1456-10033	RR_50	0.944329329	0.7604456	0.370444178	1.3322793274
##	4189	2398-10031	RR_50	0.962139245	0.7604456	0.455106090	1.2900687707
##	4190	1314-10003	RR_50	0.914447679	-1.3148842	2.850540169	0.5819309382
##	4191	2510-10124	RR_50	0.989417434	0.7604456	2.561693648	1.2153100664
##	4192	2398-10008	RR_50	0.961847386	0.7604456	-0.117606840	1.3595125757
##	4193	2398-10115	RR_50	0.921504561	0.7604456	-1.253072475	1.2784359923
##	4194	1479-10003	RR_50	0.713076291	0.7604456	-0.944305504	0.3408048968
##	4195	1379-10002	RR_50	0.878198117	0.7604456	0.574628788	0.8372862214
##	4196	2398-10070	RR_50	0.964432865	0.7604456	0.709091824	1.3479508361
##	4197	1302-10098	RR_50	0.985206674	0.7604456	-1.208251463	0.8423917166
##	4198	2510-10063	RR_50	0.925486024	0.7604456	0.798733847	0.6136904391
##	4199	1138-10027	RR_50	0.581382475	0.7604456	0.738972498	-0.1860971306
##	4200	2734-10002	RR_50	0.902521522	0.7604456	0.903316208	0.2072807834
##	4201	1302-10264	RR_60	0.997773987	0.7604456	3.009903767	1.0141149201
##	4202	1311-10004	RR_60	0.934534040	0.7604456	0.938176995	1.1231066579
##	4203	2979-10001	RR_60	0.047575018	-1.3148842	-1.223191800	-0.4959711483
##	4204	1800-10005	RR_60	0.145335282	-1.3148842	-0.291910775	-1.6620570592
##	4205	2398-10067	RR_60	0.884508602	0.7604456	0.450125977	1.3357734988
##	4206	1141-10005	RR_60	0.913028010	0.7604456	0.684191261	1.2621714345
##	4207	1362-10016	RR_60	0.381568050	-1.3148842	0.773833285	-1.6315759337
##	4208	1706-10001	RR_60	0.901680921	0.7604456	-0.132547177	-0.4784617574
##	4209	2378-10008	RR_60	0.710597126	-1.3148842	2.128423867	-2.0066157634
##	4210	2805-10004	RR_60	0.713391103	0.7604456	0.768853173	0.1995540307
##	4211	2398-10092	RR_60	0.980272601	0.7604456	0.166259568	1.3738499245

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## 4212 1575-10011 RR_60 0.863325497 0.7604456 1.550730825 0.7080175066
## 4213 1353-10001 RR_60 0.156252363 -1.3148842 0.868455421 -1.4847735425
## 4214 1181-10038 RR_60 0.647294599 -1.3148842 0.320643054 -0.2263781520
## 4215 2398-10052 RR_60 0.952375736 0.7604456 -1.268012812 1.2799374105
## 4216 1698-10001 RR_60 0.911062295 0.7604456 -0.466214710 0.4438286195
## 4217 1381-10013 RR_60 0.882298639 0.7604456 -0.705260107 0.6485509662
## 4218 2398-10066 RR_60 0.982231000 0.7604456 0.763873060 0.9782149091
## 4219 2552-10002 RR_60 0.937192216 0.7604456 -0.167407964 1.2863578232
## 4220 1549-10006 RR_60 0.685037905 -1.3148842 2.676236234 -0.8131891227
## 4221 2801-10002 RR_60 0.624129622 0.7604456 0.196140243 0.7868148284
## 4222 1551-10010 RR_60 0.817380382 0.7604456 -1.312833824 1.0159793943
## 4223 3029-10002 RR_60 0.263565488 -1.3148842 0.231001030 -1.3671352536
## 4224 1376-10001 RR_60 0.543318491 0.7604456 0.410285078 -0.2839435790
## 4225 2567-10016 RR_60 0.979333468 0.7604456 0.539768001 1.2682259538
## 4226 2296-10001 RR_60 0.044854496 0.7604456 -1.098688989 -0.5714604234
## 4227 2126-10008 RR_60 0.913302141 0.7604456 -0.062825603 0.4138087979
## 4228 1013-10002 RR_60 0.515897351 -1.3148842 -0.341711900 -1.4061069879
## 4229 1302-10033 RR_60 0.996058884 0.7604456 2.013881281 0.7084197411
## 4230 1303-10001 RR_60 0.718396657 0.7604456 1.894358582 0.6427933164
## 4231 2457-10001 RR_60 0.774161623 -1.3148842 1.605512061 -0.7835913053
## 4232 2398-10068 RR_60 0.984777424 0.7604456 1.077620144 1.2088771971
## 4233 1460-10007 RR_60 0.967562805 0.7604456 -0.720200444 1.1699821388
## 4234 1372-10010 RR_60 0.967424142 0.7604456 -1.203271350 1.1794558957
## 4235 1474-10019 RR_60 0.738321906 -1.3148842 1.615472286 -1.9620117119
## 4236 2493-10006 RR_60 0.933356324 0.7604456 0.315662941 0.9964136022
## 4237 1995-10079 RR_60 0.604359857 0.7604456 0.021836308 -1.1869303171
## 4238 1302-10061 RR_60 0.993917619 0.7604456 -1.019007190 1.3053602664
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## 4239 1302-10024 RR_60 0.990946918 0.7604456 -0.326771562 0.9621526341
## 4240 1405-10001 RR_60 0.864425733 -1.3148842 2.302727802 0.8460145557
## 4241 1302-10325 RR_60 0.992524324 0.7604456 -0.854663480 1.0452313765
## 4242 1302-10073 RR_60 0.995885538 0.7604456 0.101518107 0.8172204376
## 4243 1459-10070 RR_60 0.721774594 0.7604456 -0.361632349 -0.5361204693
## 4244 1129-10009 RR_60 0.821315180 0.7604456 0.544748113 1.0812447214
## 4245 1103-10001 RR_60 0.912174966 0.7604456 0.689171374 0.9964848097
## 4246 2499-10001 RR_60 0.641898376 0.7604456 1.570651274 0.8445917251
## 4247 2472-10005 RR_60 0.943705637 0.7604456 0.768853173 0.9080340342
## 4248 1211-10024 RR_60 0.845503961 0.7604456 -0.819802693 1.1854879522
## 4249 1138-10007 RR_60 0.353762472 -1.3148842 0.768853173 -0.8485157468
## 4250 1302-10055 RR_60 0.997636221 0.7604456 0.987978120 1.2067540238
## 4251 1302-10373 RR_60 0.964638430 0.7604456 -0.351672124 0.0131204287
## 4252 1284-10005 RR_60 0.901443386 0.7604456 0.036776645 1.2257820897
## 4253 1249-10003 RR_60 0.645636854 -1.3148842 0.858495197 -0.8846196431
## 4254 1302-10385 RR_60 0.992201494 0.7604456 -0.262030101 0.5914042357
## 4255 2717-10034 RR_60 0.916261776 0.7604456 0.295742492 0.9906308923
## 4256 1166-10017 RR_60 0.857563775 0.7604456 0.226020918 0.4678774761
## 4257 1310-10008 RR_60 0.869311609 0.7604456 0.365464066 0.8752230937
## 4258 2205-10006 RR_60 0.151100116 -1.3148842 -1.317813936 -1.5328818062
## 4259 2204-10006 RR_60 0.677426570 -1.3148842 -2.229174511 -0.2929766131
## 4260 2515-10008 RR_60 0.457179792 -1.3148842 -0.496095385 -0.9042069941
## 4261 2510-10055 RR_60 0.983547759 0.7604456 0.275822042 1.2950505232
## 4262 1302-10265 RR_60 0.996395664 0.7604456 0.295742492 1.1071344782
## 4263 1302-10282 RR_60 0.969243382 0.7604456 -1.342714499 0.7805914774
## 4264 2475-10014 RR_60 0.775515821 0.7604456 0.240961255 -0.0446444732
## 4265 1459-10048 RR_60 0.922824377 0.7604456 -1.292913374 0.6996312855
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##	4266	1302-10181	RR_60	0.980677065	0.7604456	-1.143510001	0.3352083895
##	4267	1302-10069	RR_60	0.996251339	0.7604456	0.235981143	0.5914803706
##	4268	1456-10030	RR_60	0.937014571	0.7604456	1.042759357	1.2861755163
##	4269	1207-10003	RR_60	0.942965858	0.7604456	1.102520706	0.6630681420
##	4270	2597-10005	RR_60	0.375937195	0.7604456	1.306705315	0.0946985983
##	4271	1302-10191	RR_60	0.992203058	0.7604456	-0.994106628	0.9469809513
##	4272	2163-10004	RR_60	0.181827785	-1.3148842	-1.472197422	0.2064493148
##	4273	2510-10079	RR_60	0.983956326	0.7604456	0.908296321	1.2661647857
##	4274	2755-10014	RR_60	0.886321012	0.7604456	0.729012273	0.5357076761
##	4275	1339-10009	RR_60	0.888951265	0.7604456	-0.520995947	1.2424334419
##	4276	2191-10005	RR_60	0.637474662	-1.3148842	-1.462237197	0.1442281443
##	4277	2644-10002	RR_60	0.599706592	-1.3148842	0.953117333	-1.5624545761
##	4278	2493-10003	RR_60	0.893146432	0.7604456	0.674231037	-0.0165372150
##	4279	1135-10015	RR_60	0.882493568	0.7604456	0.355503841	0.8200189297
##	4280	1302-10044	RR_60	0.993829010	0.7604456	0.315662941	0.5407064366
##	4281	2571-10029	RR_60	0.919919988	0.7604456	0.216060693	0.8168732787
##	4282	1302-10318	RR_60	0.996605951	0.7604456	0.011876083	1.1823631008
##	4283	1190-10010	RR_60	0.559129984	-1.3148842	0.245941367	-1.9925912583
##	4284	2145-10017	RR_60	0.961733379	0.7604456	-0.580757296	1.3093268576
##	4285	1387-10005	RR_60	0.962458573	0.7604456	0.768853173	1.0336302420
##	4286	1055-10007	RR_60	0.770094292	0.7604456	0.061677207	0.8781335110
##	4287	2819-10010	RR_60	0.519824471	0.7604456	-0.411433474	-0.1399666876
##	4288	2401-10001	RR_60	0.164455781	0.7604456	-0.570797072	0.0490336948
##	4289	2510-10035	RR_60	0.986746230	0.7604456	1.959100044	1.0419510031
##	4290	1247-10001	RR_60	0.889904251	0.7604456	0.395344740	1.2320211820
##	4291	2259-10009	RR_60	0.724249461	0.7604456	-0.441314148	0.4315589205
##	4292	1539-10012	RR_60	0.933234358	0.7604456	-0.222189201	0.9274688821


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## 4293 2428-10010 RR_60 0.923951122 0.7604456 -0.072785828 1.3769309635
## 4294 1464-10015 RR_60 0.378079902 -1.3148842 -1.332754274 0.6320917721
## 4295 2510-10073 RR_60 0.982899153 0.7604456 0.987978120 0.9481539957
## 4296 1459-10020 RR_60 0.948885619 0.7604456 0.375424291 0.7169345786
## 4297 1431-10006 RR_60 0.922690436 0.7604456 -1.462237197 -1.0126757590
## 4298 2717-10022 RR_60 0.934001924 0.7604456 -0.491115273 1.3662446952
## 4299 1372-10012 RR_60 0.952379681 0.7604456 0.679211149 1.0385594094
## 4300 2207-10006 RR_60 0.835812738 0.7604456 -1.427376410 0.6822122656
## 4301 2510-10006 RR_60 0.960527691 0.7604456 -0.391513024 0.6979804159
## 4302 2621-10006 RR_60 0.951844125 0.7604456 0.166259568 1.0576401211
## 4303 1111-10007 RR_60 0.934971943 0.7604456 0.126418669 1.0928114361
## 4304 1510-10017 RR_60 0.949457851 0.7604456 1.122441155 1.1158718391
## 4305 2177-10008 RR_60 0.248854550 -1.3148842 -1.223191800 -0.6249832806
## 4306 2294-10007 RR_60 0.968014547 0.7604456 1.456108688 1.0990216742
## 4307 1216-10012 RR_60 0.561054133 -1.3148842 0.455106090 -1.4490448106
## 4308 1089-10003 RR_60 0.257664376 0.7604456 -0.525976060 -1.2340095848
## 4309 1402-10005 RR_60 0.891732727 0.7604456 -0.326771562 0.7243010399
## 4310 1456-10025 RR_60 0.794992544 0.7604456 -0.814822581 1.2426516840
## 4311 1067-10004 RR_60 0.808652772 0.7604456 -0.446294261 1.0851189189
## 4312 1302-10273 RR_60 0.984599448 0.7604456 0.076617545 0.6135776077
## 4313 1345-10003 RR_60 0.144983646 0.7604456 0.046736870 -0.5107200434
## 4314 2717-10025 RR_60 0.946109152 0.7604456 1.042759357 1.2910023680
## 4315 1589-10014 RR_60 0.857866227 0.7604456 1.924239257 0.6492305456
## 4316 1337-10012 RR_60 0.824754966 0.7604456 -0.710240220 1.0872944903
## 4317 2334-10001 RR_60 0.701961061 0.7604456 0.265861817 -0.4642932721
## 4318 2946-10014 RR_60 0.810566532 0.7604456 -0.740120894 0.4044691682
## 4319 1145-10002 RR_60 0.873429965 0.7604456 -0.341711900 1.1126543981
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## 4320 1302-10160 RR_60 0.985195278 0.7604456 -0.914424829 0.2917932121
## 4321 1482-10006 RR_60 0.582530172 -1.3148842 0.320643054 -1.3255726182
## 4322 1141-10007 RR_60 0.853672326 0.7604456 0.265861817 1.0147873335
## 4323 1207-10052 RR_60 0.930928144 0.7604456 0.061677207 1.0041499941
## 4324 1439-10001 RR_60 0.587818792 -1.3148842 0.011876083 -0.6672898493
## 4325 1281-10003 RR_60 0.858586104 0.7604456 -0.117606840 0.9176838004
## 4326 2449-10068 RR_60 0.960263340 0.7604456 0.320643054 1.0267640890
## 4327 2417-10001 RR_60 0.693651932 -1.3148842 0.529807776 -0.8404812579
## 4328 1186-10012 RR_60 0.848403274 0.7604456 0.076617545 0.5464946143
## 4329 2465-10004 RR_60 0.265388554 -1.3148842 0.121438557 -1.1171773405
## 4330 2398-10133 RR_60 0.969530175 0.7604456 0.320643054 1.2110965365
## 4331 1480-10006 RR_60 0.609795932 -1.3148842 0.231001030 -1.1251172535
## 4332 1186-10015 RR_60 0.870364170 0.7604456 0.450125977 0.6165215380
## 4333 1477-10033 RR_60 0.938008802 0.7604456 -0.042905154 0.8615180737
## 4334 1298-10045 RR_60 0.573337315 -1.3148842 0.106498219 -1.4312133351
## 4335 2475-10015 RR_60 0.839708999 0.7604456 0.061677207 0.6435105958
## 4336 1063-10007 RR_60 0.934455645 0.7604456 0.176219793 0.8414066214
## 4337 1209-10011 RR_60 0.828472608 0.7604456 -0.047885266 0.6521028444
## 4338 2398-10049 RR_60 0.957547587 0.7604456 -0.286930663 0.9633732096
## 4339 1281-10001 RR_60 0.882404662 0.7604456 0.778813398 0.8818839613
## 4340 1298-10039 RR_60 0.933382940 0.7604456 0.061677207 1.1376488472
## 4341 2518-10019 RR_60 0.682045124 -1.3148842 0.350523728 -0.7478637377
## 4342 1379-10014 RR_60 0.809009374 0.7604456 -0.117606840 0.7944917181
## 4343 2449-10022 RR_60 0.931708589 0.7604456 -0.122586953 0.5951529613
## 4344 1531-10005 RR_60 0.554551564 -1.3148842 0.216060693 -1.5258389631
## 4345 1076-10007 RR_60 0.855604351 0.7604456 0.489966877 0.9883835861
## 4346 2398-10076 RR_60 0.966641124 0.7604456 -0.092706278 1.1436380566
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## 4347 1281-10002 RR_60 0.794527750 0.7604456 -0.660439095 0.7998013677
## 4348 1193-10006 RR_60 0.923560499 0.7604456 0.046736870 1.1016890404
## 4349 1297-10003 RR_60 0.836880886 0.7604456 0.335583391 0.7833669372
## 4350 1981-10006 RR_60 0.189548107 -1.3148842 -0.844703255 -1.0937060041
## 4351 2480-10003 RR_60 0.186881000 0.7604456 0.509887326 -0.2762996271
## 4352 1252-10014 RR_60 0.766829055 0.7604456 -0.147487515 0.5408065491
## 4353 2449-10044 RR_60 0.954618289 0.7604456 0.435185640 0.7857174692
## 4354 1374-10008 RR_60 0.230002782 -1.3148842 -0.595697634 -1.4869773698
## 4355 1230-10005 RR_60 0.919035330 0.7604456 0.181199906 1.0304066577
## 4356 2535-10001 RR_60 0.223562732 0.7604456 -0.057845491 0.1814935364
## 4357 1452-10008 RR_60 0.937514472 0.7604456 -0.276970438 0.8789746169
## 4358 2447-10006 RR_60 0.188504025 0.7604456 -0.396493136 -0.5782230759
## 4359 1233-10017 RR_60 0.905109411 0.7604456 -0.142507402 0.5021907059
## 4360 1957-10002 RR_60 0.249186582 -1.3148842 -0.222189201 -1.2094846478
## 4361 1062-10011 RR_60 0.918281698 0.7604456 -0.162427852 0.6131524055
## 4362 2615-10006 RR_60 0.918662482 0.7604456 -0.003064254 0.6265779214
## 4363 2986-10001 RR_60 0.156023323 -1.3148842 -0.640518646 -1.2336909200
## 4364 2103-10006 RR_60 0.243036050 -1.3148842 -0.391513024 -1.2256506701
## 4365 1744-10010 RR_60 0.199241429 -1.3148842 -0.720200444 -1.3201652608
## 4366 1345-10006 RR_60 0.164154902 0.7604456 0.335583391 0.2522124333
## 4367 1467-10001 RR_60 0.179232184 -1.3148842 -0.262030101 -1.1700653998
## 4368 1821-10005 RR_60 0.222433842 0.7604456 0.206100468 -0.2904287403
## 4369 2267-10007 RR_60 0.269336316 -1.3148842 0.061677207 -1.1527153149
## 4370 1981-10002 RR_60 0.222957387 -1.3148842 0.031796533 -1.4118455816
## 4371 2608-10019 RR_60 0.284464419 -1.3148842 0.425225415 -1.6052464290
## 4372 1868-10001 RR_60 0.181207435 -1.3148842 -0.650478870 -1.2406710204
## 4373 1293-10009 RR_60 0.308646883 -1.3148842 -0.137527290 -1.4347203916
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## 4374 1907-10001 RR_60 0.142657217 -1.3148842 -0.799882243 -1.2041246567
## 4375 1273-10001 RR_60 0.142573785 0.7604456 0.086577770 -0.0403217006
## 4376 1345-10003 RR_60 0.144983646 0.7604456 0.046736870 -0.5107200434
## 4377 2327-10001 RR_60 0.190733415 0.7604456 -0.944305504 0.2087332636
## 4378 2931-10004 RR_60 0.321935776 0.7604456 -0.520995947 -0.0985296945
## 4379 2626-10001 RR_60 0.093506428 0.7604456 -1.502078096 -0.0264777487
## 4380 1821-10002 RR_60 0.162641968 0.7604456 -0.227169314 -0.4583507960
## 4381 2417-10014 RR_60 0.702785684 0.7604456 0.041756758 -0.5831527591
## 4382 2672-10001 RR_60 0.289258423 0.7604456 -0.242109651 0.0388679028
## 4383 2601-10001 RR_60 0.252765668 0.7604456 -0.062825603 0.3545789319
## 4384 1516-10003 RR_60 0.647606509 0.7604456 -0.779961794 -0.0539790189
## 4385 1376-10011 RR_60 0.403856022 0.7604456 0.480006652 -0.1121044597
## 4386 2797-10012 RR_60 0.226290393 0.7604456 -0.386532912 -0.4427755058
## 4387 1890-10001 RR_60 0.052788247 0.7604456 -0.864623705 0.0676869976
## 4388 2842-10007 RR_60 0.541903853 0.7604456 -0.202268752 -0.3673208612
## 4389 1464-10008 RR_60 0.384955906 0.7604456 -0.994106628 0.7135020285
## 4390 2748-10001 RR_60 0.255574458 0.7604456 -1.965228553 -0.2223015243
## 4391 1995-10006 RR_60 0.726361422 0.7604456 -0.451274373 -0.0630672472
## 4392 2644-10051 RR_60 0.863214038 -1.3148842 0.280802154 -0.1214936919
## 4393 1439-10005 RR_60 0.518737942 -1.3148842 -0.914424829 -0.3007406324
## 4394 3025-10004 RR_60 0.494152398 -1.3148842 -0.974186179 -0.5645174336
## 4395 1645-10014 RR_60 0.529816566 -1.3148842 -0.520995947 -0.9260260081
## 4396 2345-10014 RR_60 0.769829718 -1.3148842 0.026816420 -1.3915444272
## 4397 2143-10014 RR_60 0.528041167 -1.3148842 1.605512061 -1.5881764043
## 4398 1645-10024 RR_60 0.750089184 -1.3148842 0.186180018 -0.0332788811
## 4399 1343-10005 RR_60 0.845334491 0.7604456 0.913276433 0.8817407169
## 4400 1120-10001 RR_60 0.783742912 -1.3148842 -0.252069876 0.4055293828
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##	4401	1575-10002	RR_60	0.869026242	0.7604456	1.276824641	0.9009682793
##	4402	2699-10008	RR_60	0.904234242	0.7604456	1.291764978	0.9426506599
##	4403	1076-10014	RR_60	0.920597279	0.7604456	1.500929700	1.2192479053
##	4404	1076-10028	RR_60	0.817768113	0.7604456	0.280802154	1.1049337767
##	4405	1116-10015	RR_60	0.935900945	0.7604456	0.216060693	1.2642348927
##	4406	1393-10001	RR_60	0.9244445756	0.7604456	0.679211149	0.9006855593
##	4407	1232-10003	RR_60	0.878067713	0.7604456	0.963077558	0.5816627489
##	4408	1053-10009	RR_60	0.599486272	0.7604456	-0.097686390	-0.2857225572
##	4409	1199-10018	RR_60	0.712966665	0.7604456	-0.779961794	0.4791326444
##	4410	1412-10004	RR_60	0.886916123	0.7604456	-0.157447740	1.1490313517
##	4411	1181-10037	RR_60	0.564610466	-1.3148842	1.197142842	-1.1534682158
##	4412	2198-10008	RR_60	0.326987407	-1.3148842	-1.019007190	0.0370775486
##	4413	2548-10027	RR_60	0.423298756	-1.3148842	-0.401473249	-1.2314763365
##	4414	1206-10022	RR_60	0.566175002	-1.3148842	1.281804753	-1.9497815328
##	4415	2515-10019	RR_60	0.608231247	-1.3148842	2.551733424	-1.4469697323
##	4416	2269-10012	RR_60	0.733001947	-1.3148842	1.396347339	-1.5299051904
##	4417	1540-10002	RR_60	0.448084595	-1.3148842	1.207103067	-1.0576527885
##	4418	2706-10004	RR_60	0.244520766	-1.3148842	0.091557882	-1.5158875298
##	4419	1412-10018	RR_60	0.372399134	-1.3148842	-0.525976060	-1.2017341106
##	4420	2069-10001	RR_60	0.048116767	-1.3148842	-0.416413586	-0.6976119507
##	4421	2378-10010	RR_60	0.629803250	-1.3148842	2.486991962	-0.8441956963
##	4422	2644-10060	RR_60	0.777463132	-1.3148842	2.636395335	-1.4245544882
##	4423	1551-10009	RR_60	0.350525554	-1.3148842	-0.092706278	-1.1950542661
##	4424	2548-10026	RR_60	0.619272920	-1.3148842	1.421247901	-1.0669448514
##	4425	2227-10001	RR_60	0.974488980	0.7604456	3.811701869	0.5551021152
##	4426	1302-10139	RR_60	0.987048227	0.7604456	-1.736143381	0.1718425967
##	4427	2398-10059	RR_60	0.965999065	0.7604456	-0.356652237	1.3547233296

##	4428	1379-10018	RR_60	0.895021893	0.7604456	-0.929365167	0.9263196820
##	4429	2786-10002	RR_60	0.939834809	0.7604456	-1.208251463	1.3119235063
##	4430	1302-10385	RR_60	0.992201494	0.7604456	-0.262030101	0.5914042357
##	4431	1324-10001	RR_60	0.823384710	0.7604456	-0.471194823	0.0463489835
##	4432	1536-10010	RR_60	0.838206773	0.7604456	-0.725180557	-0.2848234200
##	4433	2286-10048	RR_60	0.984024979	-1.3148842	0.470046427	1.2784781354
##	4434	2326-10009	RR_60	0.965568005	0.7604456	0.006895971	1.3008934916
##	4435	1302-10155	RR_60	0.997132815	0.7604456	0.923236658	0.6094673202
##	4436	2429-10020	RR_60	0.895378273	0.7604456	-0.755061232	0.1838536834
##	4437	1302-10025	RR_60	0.988654637	0.7604456	0.290762379	1.1027018153
##	4438	1314-10003	RR_60	0.955682929	-1.3148842	2.850540169	0.5819309382
##	4439	1298-10009	RR_60	0.948457129	0.7604456	0.325623166	1.2131153180
##	4440	1076-10010	RR_60	0.952066305	0.7604456	1.471049026	1.1375515109
##	4441	2456-10017	RR_60	0.445195007	0.7604456	0.036776645	-1.5320550389
##	4442	1596-10001	RR_60	0.341070031	0.7604456	-0.162427852	-0.1861244873
##	4443	2084-10008	RR_60	0.832979935	0.7604456	0.275822042	0.7297487274
##	4444	1544-10006	RR_60	0.601553624	0.7604456	2.417270388	-0.6638878206
##	4445	2056-10002	RR_60	0.648516072	0.7604456	0.480006652	0.3357208768
##	4446	1459-10024	RR_60	0.774754916	0.7604456	1.107500818	-0.6018815455
##	4447	2218-10001	RR_60	0.739357921	0.7604456	0.335583391	-0.3398360180
##	4448	2931-10008	RR_60	0.355931973	0.7604456	-0.740120894	-0.1422125242
##	4449	2615-10021	RR_60	0.688821151	0.7604456	-0.685339657	-0.6960074660
##	4450	2773-10003	RR_60	0.728003208	0.7604456	-0.182348302	0.3017829447
##	4451	2775-10005	RR_60	0.623697424	0.7604456	0.729012273	0.4837301755
##	4452	2996-10004	RR_60	0.300924424	-1.3148842	-0.316811337	-1.1593633356
##	4453	1528-10001	RR_60	0.823228426	-1.3148842	3.258909389	-1.5079963394
##	4454	1460-10037	RR_60	0.733074220	-1.3148842	0.056697095	-0.6189939746

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## 4455 1539-10015 RR_60 0.806132690 -1.3148842 1.665273411 -0.5510281962
## 4456 2642-10020 RR_60 0.725334141 -1.3148842 -0.386532912 -1.0150214500
## 4457 1047-10007 RR_60 0.604277332 -1.3148842 0.126418669 -0.8771781325
## 4458 1302-10119 RR_60 0.955106909 -1.3148842 0.086577770 -1.3887479660
## 4459 1178-10010 RR_60 0.765367701 0.7604456 -1.203271350 1.3273360742
## 4460 1410-10007 RR_60 0.835414598 0.7604456 -0.008044367 0.7952338966
## 4461 1565-10007 RR_60 0.430487566 0.7604456 -0.919404942 0.4493199247
## 4462 1175-10003 RR_60 0.833427809 0.7604456 0.191160131 0.9419033922
## 4463 1178-10005 RR_60 0.898304621 0.7604456 0.191160131 1.3416856718
## 4464 1211-10036 RR_60 0.663093669 0.7604456 -0.774981681 0.6232125771
## 4465 1451-10005 RR_60 0.851805533 0.7604456 -0.570797072 1.2112596975
## 4466 2642-10027 RR_60 0.736676706 0.7604456 0.355503841 0.3817526841
## 4467 2425-10017 RR_60 0.853085079 0.7604456 0.435185640 0.0690848205
## 4468 1302-10226 RR_60 0.990125482 0.7604456 0.504907214 1.0505736990
## 4469 2548-10007 RR_60 0.921826811 0.7604456 -0.008044367 1.0392901533
## 4470 1153-10002 RR_60 0.736444119 0.7604456 -0.939325392 0.9426199469
## 4471 1501-10003 RR_60 0.477921998 -1.3148842 0.893355984 -1.5920026426
## 4472 2548-10021 RR_60 0.754471675 -1.3148842 2.178224991 -0.7849893073
## 4473 1026-10007 RR_60 0.474027274 -1.3148842 -0.147487515 -0.7460059218
## 4474 1540-10001 RR_60 0.468995765 -1.3148842 1.097540593 -0.8757904612
## 4475 1138-10015 RR_60 0.379422603 -1.3148842 -0.097686390 -0.9348490562
## 4476 1123-10003 RR_60 0.327702359 -1.3148842 -0.441314148 -1.5592761175
## 4477 1123-10004 RR_60 0.437533008 -1.3148842 -0.516015835 -0.7859529819
## 4478 2644-10037 RR_60 0.743689085 -1.3148842 1.520850150 -0.6602449113
## 4479 1451-10006 RR_60 0.670455982 -1.3148842 0.574628788 -0.6434932264
## 4480 1302-10143 RR_60 0.979106950 -1.3148842 -1.342714499 -1.4151166510
## 4481 2515-10019 RR_60 0.608231247 -1.3148842 2.551733424 -1.4469697323
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## 4482 2710-10003 RR_60 0.529113790 -1.3148842 0.091557882 -0.6018160394
## 4483 1687-10001 RR_60 0.627408948 -1.3148842 5.360516835 -1.4597499521
## 4484 1486-10003 RR_60 0.358946432 -1.3148842 0.833594634 -1.4354409874
## 4485 1459-10054 RR_60 0.934486006 0.7604456 -1.472197422 0.9777467075
## 4486 1302-10412 RR_60 0.995688973 0.7604456 0.250921480 0.7074910240
## 4487 1444-10022 RR_60 0.896376822 0.7604456 0.992958232 0.6762620412
## 4488 1302-10104 RR_60 0.993066930 0.7604456 -0.540916397 0.7598820167
## 4489 1535-10010 RR_60 0.882149254 0.7604456 0.056697095 0.8320916767
## 4490 1718-10008 RR_60 0.706225221 0.7604456 -0.730160669 0.3562213919
## 4491 1302-10411 RR_60 0.973152385 0.7604456 0.639370250 0.6029303376
## 4492 2799-10014 RR_60 0.922582453 0.7604456 -0.252069876 1.2735834999
## 4493 1302-10193 RR_60 0.979093506 0.7604456 -0.471194823 0.2041123829
## 4494 2567-10013 RR_60 0.979109045 0.7604456 1.431208126 1.3370146615
## 4495 1126-10003 RR_60 0.911066902 0.7604456 1.286784866 0.9534530161
## 4496 1477-10008 RR_60 0.902133562 -1.3148842 -1.706262706 0.5920496127
## 4497 1076-10024 RR_60 0.956650272 0.7604456 0.978017895 1.0885569154
## 4498 1302-10324 RR_60 0.984971698 0.7604456 -0.680359545 0.6971230061
## 4499 1302-10405 RR_60 0.992696491 0.7604456 -0.570797072 0.9397178419
## 4500 1063-10008 RR_60 0.897459697 0.7604456 -0.506055610 0.8168119738
## 4501 1540-10016 RR_70 0.949094601 0.7604456 0.006895971 1.2981514280
## 4502 1823-10002 RR_70 0.289655925 -1.3148842 0.216060693 -0.8409617842
## 4503 1995-10012 RR_70 0.808629105 0.7604456 -0.476174935 -0.0586305470
## 4504 1067-10009 RR_70 0.864437373 -1.3148842 0.987978120 -0.0397672819
## 4505 1351-10017 RR_70 0.449628215 -1.3148842 -0.252069876 -1.6807777034
## 4506 1098-10004 RR_70 0.616527424 0.7604456 0.450125977 -0.8149841699
## 4507 2383-10015 RR_70 0.826744627 0.7604456 -1.282953149 -0.2067409163
## 4508 2259-10003 RR_70 0.846409237 0.7604456 -0.122586953 0.3089053270
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## 4509 2670-10017 RR_70 0.914633314 0.7604456 -0.132547177 -0.9017483687
## 4510 2398-10085 RR_70 0.993409101 0.7604456 1.007898570 1.3268487645
## 4511 2398-10102 RR_70 0.992223659 0.7604456 1.227023517 1.2024522545
## 4512 1302-10349 RR_70 0.996759028 0.7604456 -0.326771562 0.4574026776
## 4513 1337-10015 RR_70 0.899063199 0.7604456 -1.009046966 0.8269947498
## 4514 1339-10005 RR_70 0.467970120 -1.3148842 -0.520995947 -1.4277563241
## 4515 1302-10250 RR_70 0.996290668 0.7604456 -1.014027078 0.7465641694
## 4516 2510-10102 RR_70 0.991829138 0.7604456 1.411287677 1.0605028640
## 4517 1281-10005 RR_70 0.931341890 0.7604456 0.166259568 1.0719663586
## 4518 1453-10013 RR_70 0.805879064 0.7604456 0.694151486 -0.4322850362
## 4519 1379-10023 RR_70 0.973621329 0.7604456 0.634390137 0.5677027275
## 4520 1012-10011 RR_70 0.847797887 0.7604456 0.614469687 0.4771081597
## 4521 1375-10001 RR_70 0.985035636 0.7604456 -0.232149426 1.0852750725
## 4522 2198-10003 RR_70 0.893199909 0.7604456 -1.676382031 0.6221849653
## 4523 2448-10002 RR_70 0.984471288 0.7604456 0.171239681 0.9501412355
## 4524 1480-10007 RR_70 0.732868579 0.7604456 -1.467217309 -0.4050153264
## 4525 2788-10022 RR_70 0.991179209 0.7604456 1.217063292 1.1763046372
## 4526 2925-10001 RR_70 0.360861353 -1.3148842 1.366466665 -1.2464563699
## 4527 2510-10132 RR_70 0.993559326 0.7604456 1.899338695 1.0067221354
## 4528 2613-10010 RR_70 0.770332386 0.7604456 0.201120355 0.4310699923
## 4529 1302-10196 RR_70 0.896139101 -1.3148842 -0.595697634 -1.9099076883
## 4530 1302-10010 RR_70 0.997779751 0.7604456 -0.102666503 0.9678996099
## 4531 1381-10018 RR_70 0.945258237 0.7604456 -0.794902131 0.5883240664
## 4532 2323-10020 RR_70 0.986812357 0.7604456 0.221040805 1.3771859438
## 4533 1269-10004 RR_70 0.266980967 -1.3148842 -0.167407964 -2.0136739216
## 4534 2429-10024 RR_70 0.952576010 0.7604456 0.076617545 1.2425592232
## 4535 2448-10013 RR_70 0.679200635 -1.3148842 1.759895547 -1.8624662956
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## 4536 2479-10002 RR_70 0.280242401 -1.3148842 -0.570797072 -1.9735724255
## 4537 1076-10019 RR_70 0.908423096 0.7604456 0.061677207 0.2917219703
## 4538 1540-10011 RR_70 0.908781371 0.7604456 -1.043907753 1.1513929128
## 4539 1995-10029 RR_70 0.986520175 0.7604456 1.665273411 1.4082231088
## 4540 2190-10018 RR_70 0.860434458 -1.3148842 -1.631561020 0.7775682575
## 4541 2563-10015 RR_70 0.850284977 -1.3148842 1.376426890 -0.9485415606
## 4542 2388-10001 RR_70 0.629557191 0.7604456 -0.062825603 -0.5534113260
## 4543 1207-10033 RR_70 0.892252615 0.7604456 -0.580757296 0.6061249846
## 4544 1569-10001 RR_70 0.803460601 -1.3148842 1.774835884 -1.6785855090
## 4545 2510-10095 RR_70 0.981381554 0.7604456 -0.177368189 1.2707328205
## 4546 1474-10011 RR_70 0.869609970 -1.3148842 1.725034760 -1.9024370912
## 4547 1500-10008 RR_70 0.974839891 0.7604456 0.504907214 -1.0629741328
## 4548 1062-10010 RR_70 0.965686004 0.7604456 -0.391513024 0.8661896427
## 4549 1202-10007 RR_70 0.786150655 -1.3148842 0.156299344 -1.4399378918
## 4550 1133-10014 RR_70 0.893033624 -1.3148842 1.241963854 -0.9329918230
## 4551 1298-10002 RR_70 0.722296912 0.7604456 -0.929365167 -0.4339263359
## 4552 2717-10034 RR_70 0.958663254 0.7604456 0.295742492 0.9906308923
## 4553 1219-10005 RR_70 0.834011430 0.7604456 -0.580757296 0.1610239865
## 4554 2771-10001 RR_70 0.576004720 0.7604456 -0.720200444 0.3740013824
## 4555 2282-10036 RR_70 0.981335052 0.7604456 -0.013024479 1.1852864816
## 4556 1482-10008 RR_70 0.971227824 0.7604456 -0.545896509 1.0512950694
## 4557 1541-10001 RR_70 0.329936025 -1.3148842 -0.645498758 -1.8417077337
## 4558 1120-10001 RR_70 0.884810469 -1.3148842 -0.252069876 0.4055293828
## 4559 2567-10001 RR_70 0.990519304 0.7604456 0.250921480 1.3984093915
## 4560 2644-10035 RR_70 0.940002743 -1.3148842 1.993960831 -0.1527059834
## 4561 2755-10008 RR_70 0.964525175 0.7604456 1.202122954 0.8632267783
## 4562 1302-10193 RR_70 0.990025993 0.7604456 -0.471194823 0.2041123829
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## 4563 2706-10004 RR_70 0.406881894 -1.3148842 0.091557882 -1.5158875298
## 4564 1103-10013 RR_70 0.590974630 -1.3148842 1.720054647 -0.5414307711
## 4565 2395-10016 RR_70 0.970152128 0.7604456 2.018861393 0.7283830238
## 4566 1376-10004 RR_70 0.754313607 0.7604456 0.798733847 0.1260975151
## 4567 1097-10005 RR_70 0.552156922 -1.3148842 -0.600677746 -0.7877735228
## 4568 2545-10018 RR_70 0.791288217 -1.3148842 1.715074535 -0.9997718182
## 4569 1077-10010 RR_70 0.920778599 0.7604456 0.086577770 0.8930639385
## 4570 1372-10033 RR_70 0.960407651 0.7604456 -1.407455960 1.1150945796
## 4571 1184-10004 RR_70 0.734033625 0.7604456 2.053722180 -0.4752096881
## 4572 2398-10022 RR_70 0.973121897 0.7604456 -0.426373811 0.5429198090
## 4573 2670-10004 RR_70 0.940337928 0.7604456 0.245941367 -0.0290740571
## 4574 1302-10210 RR_70 0.996336879 0.7604456 -0.784941906 0.7699573822
## 4575 1477-10011 RR_70 0.976193701 0.7604456 -0.032944929 1.3463610316
## 4576 1302-10217 RR_70 0.997673110 0.7604456 2.193165328 1.1535071316
## 4577 1302-10028 RR_70 0.997426678 0.7604456 -0.740120894 0.8060291492
## 4578 2267-10006 RR_70 0.883809788 0.7604456 0.524827664 0.3511906119
## 4579 1542-10007 RR_70 0.727087834 -1.3148842 0.101518107 -1.3912362036
## 4580 1302-10063 RR_70 0.998512712 0.7604456 0.504907214 1.2980055057
## 4581 1314-10018 RR_70 0.773904762 -1.3148842 1.421247901 -0.7318351461
## 4582 2323-10011 RR_70 0.975853008 0.7604456 0.171239681 0.9915462733
## 4583 1310-10004 RR_70 0.934961610 0.7604456 -0.814822581 1.0892021508
## 4584 1053-10011 RR_70 0.803213733 -1.3148842 1.122441155 -0.8869652966
## 4585 2172-10006 RR_70 0.379211742 -1.3148842 -1.372595173 -0.2528006811
## 4586 1553-10004 RR_70 0.831591676 0.7604456 -0.849683368 0.2905561639
## 4587 1995-10096 RR_70 0.979645796 0.7604456 0.176219793 1.4042522608
## 4588 1562-10003 RR_70 0.838348002 -1.3148842 -0.247089763 0.3105085217
## 4589 2967-10023 RR_70 0.949654428 0.7604456 0.151319231 1.0434596114
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## 4590 1302-10071 RR_70 0.999164800 0.7604456 1.217063292 1.1695663507
## 4591 2364-10004 RR_70 0.960566019 0.7604456 0.818654297 1.0480788073
## 4592 1459-10031 RR_70 0.894341501 0.7604456 -0.655458983 -0.0391394168
## 4593 1744-10004 RR_70 0.724087675 0.7604456 -1.048887865 0.9267855917
## 4594 1260-10002 RR_70 0.846784799 0.7604456 -0.600677746 1.2126694213
## 4595 2398-10058 RR_70 0.983808815 0.7604456 -0.984146403 1.3432107189
## 4596 2381-10008 RR_70 0.719486629 0.7604456 -0.172388077 -1.1073514361
## 4597 1209-10001 RR_70 0.835962262 0.7604456 -0.351672124 0.0414430840
## 4598 2616-10005 RR_70 0.774694515 0.7604456 0.270841930 -0.1117562651
## 4599 1995-10024 RR_70 0.972469554 0.7604456 -0.411433474 1.2007246828
## 4600 1575-10009 RR_70 0.838951455 0.7604456 2.442170950 0.7466481642
## 4601 2181-10010 RR_70 0.779198746 0.7604456 -1.472197422 0.5455562279
## 4602 2518-10010 RR_70 0.941121852 0.7604456 0.196140243 0.8201860424
## 4603 2670-10041 RR_70 0.613334283 -1.3148842 0.574628788 -1.7983471127
## 4604 1771-10015 RR_70 0.460193025 -1.3148842 1.515870038 -1.7479742951
## 4605 2398-10038 RR_70 0.991897966 0.7604456 0.903316208 1.2021952775
## 4606 1300-10002 RR_70 0.533394246 -1.3148842 0.405304965 -1.4652548497
## 4607 1500-10011 RR_70 0.986948796 0.7604456 1.167262167 -1.0149318073
## 4608 1437-10026 RR_70 0.886165186 0.7604456 -1.033947528 0.9511737415
## 4609 2563-10015 RR_70 0.850284977 -1.3148842 1.376426890 -0.9485415606
## 4610 1378-10001 RR_70 0.270109320 -1.3148842 -0.675379433 -1.4139563286
## 4611 1229-10003 RR_70 0.878154702 0.7604456 -0.989126516 1.1181404560
## 4612 1198-10008 RR_70 0.519034448 -1.3148842 -0.625578308 -1.7175947594
## 4613 2449-10016 RR_70 0.984857926 0.7604456 0.031796533 1.2020048519
## 4614 1302-10325 RR_70 0.996458928 0.7604456 -0.854663480 1.0452313765
## 4615 1133-10011 RR_70 0.781378753 0.7604456 -0.306851113 -0.0834409972
## 4616 1540-10012 RR_70 0.957855750 0.7604456 0.360483953 1.1807409717
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## 4617 2425-10010 RR_70 0.867025298 0.7604456 -1.103669102 0.1370482259
## 4618 2545-10006 RR_70 0.959663885 0.7604456 2.586594211 -0.6955901685
## 4619 2449-10037 RR_70 0.982518338 0.7604456 0.176219793 1.0723614039
## 4620 1041-10007 RR_70 0.788798815 -1.3148842 0.315662941 0.4984445322
## 4621 2725-10001 RR_70 0.267180919 0.7604456 -0.281950550 -0.0909777316
## 4622 1141-10007 RR_70 0.925178433 0.7604456 0.265861817 1.0147873335
## 4623 1207-10052 RR_70 0.966177333 0.7604456 0.061677207 1.0041499941
## 4624 2361-10004 RR_70 0.237403615 0.7604456 -0.695299882 0.1597678854
## 4625 1281-10003 RR_70 0.927893811 0.7604456 -0.117606840 0.9176838004
## 4626 2986-10006 RR_70 0.381129919 -1.3148842 -0.311831225 -1.0746348884
## 4627 2449-10068 RR_70 0.980849963 0.7604456 0.320643054 1.0267640890
## 4628 2417-10001 RR_70 0.827559653 -1.3148842 0.529807776 -0.8404812579
## 4629 2465-10004 RR_70 0.433652273 -1.3148842 0.121438557 -1.1171773405
## 4630 2398-10133 RR_70 0.985388919 0.7604456 0.320643054 1.2110965365
## 4631 2490-10001 RR_70 0.272342306 0.7604456 -0.680359545 -0.2196177606
## 4632 1186-10015 RR_70 0.934340827 0.7604456 0.450125977 0.6165215380
## 4633 1477-10033 RR_70 0.969761916 0.7604456 -0.042905154 0.8615180737
## 4634 1298-10045 RR_70 0.740133389 -1.3148842 0.106498219 -1.4312133351
## 4635 2475-10015 RR_70 0.917378177 0.7604456 0.061677207 0.6435105958
## 4636 1063-10007 RR_70 0.967966602 0.7604456 0.176219793 0.8414066214
## 4637 2361-10006 RR_70 0.260049824 0.7604456 -0.122586953 -0.3535110748
## 4638 1138-10026 RR_70 0.746601626 -1.3148842 0.390364628 -1.0412041304
## 4639 1209-10011 RR_70 0.911009384 0.7604456 -0.047885266 0.6521028444
## 4640 2986-10005 RR_70 0.350223736 -1.3148842 -0.351672124 -0.9017483687
## 4641 2398-10049 RR_70 0.979511157 0.7604456 -0.286930663 0.9633732096
## 4642 1104-10006 RR_70 0.715052421 -1.3148842 0.086577770 -1.3491589361
## 4643 1281-10001 RR_70 0.940843082 0.7604456 0.778813398 0.8818839613
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## 4644 1298-10039 RR_70 0.967423221 0.7604456 0.061677207 1.1376488472
## 4645 2518-10019 RR_70 0.819707615 -1.3148842 0.350523728 -0.7478637377
## 4646 1379-10014 RR_70 0.899778657 0.7604456 -0.117606840 0.7944917181
## 4647 2449-10022 RR_70 0.966573798 0.7604456 -0.122586953 0.5951529613
## 4648 1531-10005 RR_70 0.725171272 -1.3148842 0.216060693 -1.5258389631
## 4649 1076-10007 RR_70 0.926247900 0.7604456 0.489966877 0.9883835861
## 4650 2300-10018 RR_70 0.506926677 -1.3148842 0.435185640 -0.9218510187
## 4651 2398-10076 RR_70 0.983978695 0.7604456 -0.092706278 1.1436380566
## 4652 1114-10001 RR_70 0.710612431 -1.3148842 -0.192308527 -1.5852462125
## 4653 1281-10002 RR_70 0.891254370 0.7604456 -0.660439095 0.7998013677
## 4654 1193-10006 RR_70 0.962417802 0.7604456 0.046736870 1.1016890404
## 4655 1297-10003 RR_70 0.915782991 0.7604456 0.335583391 0.7833669372
## 4656 1115-10006 RR_70 0.953672380 0.7604456 -0.361632349 0.5307082183
## 4657 1252-10014 RR_70 0.874535882 0.7604456 -0.147487515 0.5408065491
## 4658 2449-10044 RR_70 0.978062667 0.7604456 0.435185640 0.7857174692
## 4659 2356-10001 RR_70 0.303644086 0.7604456 -0.137527290 0.0191282064
## 4660 1394-10012 RR_70 0.926104171 0.7604456 0.699131599 0.9340471439
## 4661 1230-10005 RR_70 0.960093565 0.7604456 0.181199906 1.0304066577
## 4662 2535-10001 RR_70 0.378988832 0.7604456 -0.057845491 0.1814935364
## 4663 1452-10008 RR_70 0.969512561 0.7604456 -0.276970438 0.8789746169
## 4664 1233-10017 RR_70 0.952867486 0.7604456 -0.142507402 0.5021907059
## 4665 1062-10011 RR_70 0.959705353 0.7604456 -0.162427852 0.6131524055
## 4666 2424-10001 RR_70 0.250910989 0.7604456 -0.321791450 0.2413699507
## 4667 1662-10004 RR_70 0.326722882 -1.3148842 -0.396493136 -1.3454579296
## 4668 2616-10003 RR_70 0.413018132 -1.3148842 0.335583391 -1.1988289855
## 4669 1792-10003 RR_70 0.485890110 -1.3148842 0.240961255 -1.2249846277
## 4670 1792-10004 RR_70 0.501047046 -1.3148842 0.529807776 -1.0400603383
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## 4671 1582-10002 RR_70 0.258363205 0.7604456 -0.336731787 0.1726024818
## 4672 1814-10007 RR_70 0.391939313 -1.3148842 -0.062825603 -1.5631357776
## 4673 1873-10003 RR_70 0.416033746 -1.3148842 -0.142507402 -0.7289122387
## 4674 2302-10001 RR_70 0.285792263 0.7604456 -0.580757296 -0.0954469789
## 4675 2759-10001 RR_70 0.242460773 0.7604456 -0.212228976 -0.3400968469
## 4676 1467-10001 RR_70 0.316397621 -1.3148842 -0.262030101 -1.1700653998
## 4677 2530-10001 RR_70 0.366282229 -1.3148842 0.305702717 -1.1716253825
## 4678 2267-10007 RR_70 0.438608584 -1.3148842 0.061677207 -1.1527153149
## 4679 1589-10004 RR_70 0.442522433 -1.3148842 -0.087726166 -1.3852780184
## 4680 1468-10005 RR_70 0.210903685 0.7604456 -1.243112250 -0.2288701336
## 4681 1464-10002 RR_70 0.586409962 0.7604456 -1.302873599 0.8389583700
## 4682 1341-10002 RR_70 0.317961577 0.7604456 -0.819802693 -2.0021951576
## 4683 1303-10005 RR_70 0.456391259 -1.3148842 -0.814822581 -0.0651296261
## 4684 2173-10007 RR_70 0.351531623 0.7604456 -1.631561020 0.2129780767
## 4685 2331-10004 RR_70 0.789740872 0.7604456 0.579608900 -0.3049346297
## 4686 1343-10015 RR_70 0.828812550 -1.3148842 0.141359006 0.3672142510
## 4687 1216-10003 RR_70 0.795116789 0.7604456 0.405304965 0.5134603619
## 4688 1853-10001 RR_70 0.418585132 0.7604456 0.465066314 -0.7649003547
## 4689 2142-10003 RR_70 0.616957040 0.7604456 -0.132547177 0.5097862624
## 4690 2447-10001 RR_70 0.452182758 0.7604456 0.763873060 -0.8911986309
## 4691 1124-10002 RR_70 0.672134703 0.7604456 0.445145865 0.1606774432
## 4692 2190-10008 RR_70 0.938021923 -1.3148842 -2.005069452 1.3365000427
## 4693 2115-10002 RR_70 0.908371191 -1.3148842 1.869458020 0.7155819625
## 4694 2286-10008 RR_70 0.607907947 -1.3148842 -0.854663480 -1.7847155551
## 4695 2515-10013 RR_70 0.679610589 -1.3148842 0.908296321 -1.7046689545
## 4696 1630-10008 RR_70 0.504810591 -1.3148842 -0.491115273 -0.7174675409
## 4697 2405-10012 RR_70 0.774175822 -1.3148842 0.136378894 -0.9452442892
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## 4698 1104-10011 RR_70 0.716549454 -1.3148842 -0.147487515 -1.1631731903
## 4699 1406-10004 RR_70 0.806751513 0.7604456 -1.676382031 0.8542277274
## 4700 2613-10003 RR_70 0.955501985 0.7604456 0.848534972 0.8258238762
## 4701 2126-10007 RR_70 0.806225615 0.7604456 0.156299344 0.7049221875
## 4702 1285-10003 RR_70 0.909925078 0.7604456 1.730014872 1.1463559028
## 4703 1403-10004 RR_70 0.727759156 0.7604456 0.250921480 0.6949138730
## 4704 2353-10001 RR_70 0.935697365 0.7604456 0.554708338 0.2738725445
## 4705 1394-10011 RR_70 0.925157016 0.7604456 0.783793510 0.7357262730
## 4706 1032-10003 RR_70 0.936209164 0.7604456 0.056697095 1.1188607447
## 4707 1026-10005 RR_70 0.848511140 0.7604456 -0.147487515 0.0630278226
## 4708 1268-10008 RR_70 0.926301532 0.7604456 -0.979166291 1.2667232863
## 4709 2263-10002 RR_70 0.973368926 0.7604456 2.203125553 0.9963502074
## 4710 2353-10005 RR_70 0.917518061 0.7604456 -0.525976060 0.7919122419
## 4711 2608-10006 RR_70 0.570832143 -1.3148842 0.499927101 -1.3998046602
## 4712 1800-10005 RR_70 0.264933052 -1.3148842 -0.291910775 -1.6620570592
## 4713 1072-10003 RR_70 0.367938397 -1.3148842 -0.486135160 -0.4218716270
## 4714 2395-10014 RR_70 0.782874783 -1.3148842 2.417270388 -0.9816536922
## 4715 1008-10002 RR_70 0.686139238 -1.3148842 1.485989363 -1.9933564042
## 4716 3030-10001 RR_70 0.068465398 -1.3148842 -0.999086741 -1.2970737087
## 4717 2571-10004 RR_70 0.683729886 -1.3148842 -0.008044367 -1.2614944281
## 4718 2405-10018 RR_70 0.503104890 -1.3148842 0.594549238 -1.3623477463
## 4719 1501-10003 RR_70 0.659891782 -1.3148842 0.893355984 -1.5920026426
## 4720 2407-10005 RR_70 0.912193917 -1.3148842 0.235981143 0.0266285586
## 4721 1041-10008 RR_70 0.771523713 -1.3148842 1.301725203 -0.5823007659
## 4722 2563-10015 RR_70 0.850284977 -1.3148842 1.376426890 -0.9485415606
## 4723 1486-10013 RR_70 0.640391638 -1.3148842 1.914279032 -1.7652038326
## 4724 2571-10005 RR_70 0.772821584 -1.3148842 0.465066314 -1.2376742306
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##	4725	1302-10322	RR_70	0.995967379	0.7604456	-0.929365167	0.8806746535
##	4726	1456-10010	RR_70	0.936701180	0.7604456	-0.142507402	0.9285249360
##	4727	2606-10017	RR_70	0.951408700	0.7604456	-0.212228976	0.3633059798
##	4728	2510-10019	RR_70	0.986632462	0.7604456	-0.456254486	1.3073148775
##	4729	2259-10009	RR_70	0.847718875	0.7604456	-0.441314148	0.4315589205
##	4730	1901-10001	RR_70	0.847711984	0.7604456	-0.471194823	0.7992162070
##	4731	2967-10006	RR_70	0.985436486	0.7604456	0.773833285	1.2772885089
##	4732	2698-10025	RR_70	0.939753845	0.7604456	0.489966877	-0.2104038484
##	4733	2510-10089	RR_70	0.992801015	0.7604456	1.326625765	1.1433083532
##	4734	2398-10037	RR_70	0.991474111	0.7604456	0.579608900	1.3094645850
##	4735	2510-10057	RR_70	0.987585479	0.7604456	0.783793510	1.0612458033
##	4736	2398-10101	RR_70	0.995472192	0.7604456	2.721057246	1.2861886591
##	4737	1650-10007	RR_70	0.944491181	0.7604456	-0.182348302	0.7485320459
##	4738	2567-10009	RR_70	0.988083716	0.7604456	0.355503841	1.2190521763
##	4739	1441-10003	RR_70	0.963060410	0.7604456	-0.182348302	0.5721536169
##	4740	2788-10015	RR_70	0.984600220	0.7604456	1.540770600	-0.3494599157
##	4741	2354-10001	RR_70	0.616145548	0.7604456	0.953117333	0.5736403370
##	4742	2229-10001	RR_70	0.955067486	0.7604456	-0.615618083	0.5488405802
##	4743	1995-10036	RR_70	0.840100019	0.7604456	-0.605657859	0.0148021009
##	4744	1376-10001	RR_70	0.716037617	0.7604456	0.410285078	-0.2839435790
##	4745	1640-10002	RR_70	0.740848202	0.7604456	-1.078768540	0.4320589889
##	4746	2530-10003	RR_70	0.541550868	0.7604456	0.016856196	-0.0146866450
##	4747	1325-10009	RR_70	0.814229496	-1.3148842	-0.197288639	0.4879767082
##	4748	2313-10001	RR_70	0.414417117	0.7604456	0.235981143	0.2975902455
##	4749	1516-10007	RR_70	0.806131688	0.7604456	-0.042905154	-0.6560460061
##	4750	2554-10001	RR_70	0.610098342	0.7604456	-0.525976060	-0.0307656766
##	4751	2771-10001	RR_70	0.576004720	0.7604456	-0.720200444	0.3740013824

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## 4752 1298-10034 RR_70 0.868943225 -1.3148842 1.510889925 -1.1172644412
## 4753 1352-10003 RR_70 0.907174496 -1.3148842 -1.028967415 -0.6413862497
## 4754 1133-10014 RR_70 0.893033624 -1.3148842 1.241963854 -0.9329918230
## 4755 1645-10029 RR_70 0.745209213 -1.3148842 -1.063828202 -0.2060577504
## 4756 2510-10101 RR_70 0.954459726 -1.3148842 1.744955210 -0.9835952011
## 4757 1566-10001 RR_70 0.836967008 -1.3148842 1.286784866 -1.7880270583
## 4758 1995-10079 RR_70 0.764019873 0.7604456 0.021836308 -1.1869303171
## 4759 1548-10003 RR_70 0.867805504 0.7604456 -0.057845491 0.4748429253
## 4760 1351-10024 RR_70 0.939629757 0.7604456 -0.092706278 1.2410113700
## 4761 2418-10008 RR_70 0.852112998 0.7604456 -1.088728764 1.0793416815
##
##          Urban  Suburban          ToRu          ethWhite          ethBlack
## 1    -0.8225833  1.211186 -0.4859871 -0.4449230607 -0.2206057770
## 2      1.2155583 -0.825553 -0.4859871 -1.1205377643 -0.4268188208
## 3      1.2155583 -0.825553 -0.4859871 -0.3200839674 0.4784115515
## 4      1.2155583 -0.825553 -0.4859871 -1.1200136520 -0.4688020514
## 5      1.2155583 -0.825553 -0.4859871 -1.1115257917 -0.5785198685
## 6      1.2155583 -0.825553 -0.4859871 -1.0388502149 -0.0221853330
## 7      1.2155583 -0.825553 -0.4859871 -1.1149180621 -0.6116945304
## 8      1.2155583 -0.825553 -0.4859871 -0.9201131523 -0.2439203917
## 9      1.2155583 -0.825553 -0.4859871 -1.1005293991 -0.5351327989
## 10     1.2155583 -0.825553 -0.4859871 -1.0986490101 -0.5268396129
## 11     1.2155583 -0.825553 -0.4859871 -0.7293611296 0.1146840103
## 12    -0.8225833  1.211186 -0.4859871 -1.1326018144 -0.6116945304
## 13    -0.8225833  1.211186 -0.4859871 -1.1219640832 -0.6067090496
## 14     1.2155583 -0.825553 -0.4859871 -1.1138413467 -0.5209769095
## 15     1.2155583 -0.825553 -0.4859871 -1.0117140913 -0.1077911892
## 16     1.2155583 -0.825553 -0.4859871 -1.1241229796 -0.6116945304

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## 17	-0.8225833	1.211186	-0.4859871	-1.1376947350	-0.0471246720
## 18	-0.8225833	1.211186	-0.4859871	-1.0316302284	-0.1540162347
## 19	1.2155583	-0.825553	-0.4859871	0.1582194119	0.5353098716
## 20	-0.8225833	1.211186	-0.4859871	-1.1376947350	1.1286604793
## 21	1.2155583	-0.825553	-0.4859871	-0.9786721461	0.6734717654
## 22	1.2155583	-0.825553	-0.4859871	-0.8893184342	-0.3694872901
## 23	1.2155583	-0.825553	-0.4859871	-1.0846106049	-0.0348772878
## 24	1.2155583	-0.825553	-0.4859871	-1.1208965742	-0.4998946455
## 25	1.2155583	-0.825553	-0.4859871	-1.1376947350	0.7451172422
## 26	1.2155583	-0.825553	-0.4859871	-1.1193374166	4.3335582402
## 27	-0.8225833	1.211186	-0.4859871	-1.1341943712	0.0738915453
## 28	-0.8225833	1.211186	-0.4859871	-0.8818206226	0.1476366196
## 29	-0.8225833	1.211186	-0.4859871	-0.1874604569	-0.4514020051
## 30	1.2155583	-0.825553	-0.4859871	-1.1160599006	-0.2578898249
## 31	1.2155583	-0.825553	-0.4859871	-1.0073699312	-0.5566231270
## 32	1.2155583	-0.825553	-0.4859871	-0.6237293604	-0.2388949373
## 33	1.2155583	-0.825553	-0.4859871	-1.0526618229	-0.1728060405
## 34	1.2155583	-0.825553	-0.4859871	-1.1236783209	-0.4917553681
## 35	1.2155583	-0.825553	-0.4859871	-1.1326332521	1.2362570061
## 36	1.2155583	-0.825553	-0.4859871	0.3876379151	0.4027737100
## 37	1.2155583	-0.825553	-0.4859871	-1.1005389679	0.5958494963
## 38	1.2155583	-0.825553	-0.4859871	-0.9959528672	-0.3923083241
## 39	1.2155583	-0.825553	-0.4859871	-1.1151683552	-0.2775782927
## 40	1.2155583	-0.825553	-0.4859871	-1.1198695127	-0.1507109677
## 41	1.2155583	-0.825553	-0.4859871	-1.1336355260	-0.6116945304
## 42	-0.8225833	1.211186	-0.4859871	-1.0663938460	0.0662224735
## 43	-0.8225833	1.211186	-0.4859871	-0.7547071025	0.3567583323

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## 44  -0.8225833  1.211186 -0.4859871 -1.1314592960 -0.5998374269
## 45   1.2155583 -0.825553 -0.4859871  0.2429620991 -0.4810179574
## 46  -0.8225833  1.211186 -0.4859871 -1.0154103874 -0.4372956420
## 47   1.2155583 -0.825553 -0.4859871  0.6307188155 -0.1313007545
## 48   1.2155583 -0.825553 -0.4859871 -1.0605753779  0.1905541398
## 49   1.2155583 -0.825553 -0.4859871 -0.2914625984 -0.4328982076
## 50   1.2155583 -0.825553 -0.4859871 -0.7625099831 -0.1399043203
## 51  -0.8225833  1.211186 -0.4859871 -1.1310283917 -0.6116945304
## 52  -0.8225833  1.211186 -0.4859871 -0.9726966041  0.6892406770
## 53  -0.8225833  1.211186 -0.4859871 -0.9733113011 -0.5149416978
## 54   1.2155583 -0.825553 -0.4859871 -0.7643199902  0.3628111627
## 55  -0.8225833  1.211186 -0.4859871  0.1466677395  0.6853466752
## 56   1.2155583 -0.825553 -0.4859871 -1.1376947350 -0.5570539108
## 57   1.2155583 -0.825553 -0.4859871 -0.4686071923  1.7208822965
## 58   1.2155583 -0.825553 -0.4859871 -0.9554813519 -0.3546206271
## 59  -0.8225833  1.211186 -0.4859871 -1.0908398651 -0.5225968670
## 60   1.2155583 -0.825553 -0.4859871 -1.0260631972 -0.4398530078
## 61   1.2155583 -0.825553 -0.4859871 -1.0980192403  0.6289664810
## 62   1.2155583 -0.825553 -0.4859871 -1.0683647649 -0.5407061482
## 63   1.2155583 -0.825553 -0.4859871 -1.1005293991 -0.5351327989
## 64   1.2155583 -0.825553 -0.4859871 -1.0672687035  0.0961672737
## 65   1.2155583 -0.825553 -0.4859871 -1.1094550225  0.3012003476
## 66   1.2155583 -0.825553 -0.4859871 -1.1251762583 -0.5164756535
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## 68   1.2155583 -0.825553 -0.4859871 -1.0962826025 -0.5014474216
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## 4736  1.2155583 -0.825553 -0.4859871 -1.0813077855  1.9735843741
## 4737  1.2155583 -0.825553 -0.4859871 -0.2715895635 -0.5981948844
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## 4739  1.2155583 -0.825553 -0.4859871 -1.0498418539 -0.5838515106
## 4740  1.2155583 -0.825553 -0.4859871 -1.0474238847 -0.5973898596
## 4741 -0.8225833 -0.825553  2.0574578  0.1261788258  0.2768642562
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## 4742  1.2155583 -0.825553 -0.4859871 -1.1299592612  5.5221752658
## 4743  1.2155583 -0.825553 -0.4859871  0.5335617722  1.4937343300
## 4744 -0.8225833  1.211186 -0.4859871  0.1081728857 -0.3335047037
## 4745  1.2155583 -0.825553 -0.4859871  0.3569163059 -0.0748529131
## 4746 -0.8225833  1.211186 -0.4859871  1.0488658619 -0.5572718738
## 4747 -0.8225833  1.211186 -0.4859871 -0.3234684987 -0.5026589283
## 4748 -0.8225833 -0.825553  2.0574578  0.3583730418 -0.4823821322
## 4749  1.2155583 -0.825553 -0.4859871  0.0962519211 -0.3679093928
## 4750 -0.8225833  1.211186 -0.4859871  0.2283127529 -0.1111241440
## 4751 -0.8225833 -0.825553  2.0574578 -0.3702264460 -0.1298197506
## 4752  1.2155583 -0.825553 -0.4859871  0.2144029402  0.0183532320
## 4753  1.2155583 -0.825553 -0.4859871 -0.9344567308 -0.3185099116
## 4754  1.2155583 -0.825553 -0.4859871 -0.3345542081 -0.3558243176
## 4755  1.2155583 -0.825553 -0.4859871  0.7616008855  0.5974880439
## 4756  1.2155583 -0.825553 -0.4859871 -0.5883007311  0.1266714960
## 4757  1.2155583 -0.825553 -0.4859871 -0.1396524578 -0.5819244280
## 4758  1.2155583 -0.825553 -0.4859871  0.8835304671  0.3550740664
## 4759 -0.8225833  1.211186 -0.4859871 -1.0115470083 -0.4601924307
## 4760 -0.8225833  1.211186 -0.4859871 -1.0150235204  0.5669202291
## 4761 -0.8225833 -0.825553  2.0574578 -1.1376947350 -0.5968449198
##
##          ethHisp          pFem      ST.ratio          dSCH          pELL
## 1      0.5653069559  8.236361e-01 -0.334320151 -0.288639250  0.523524936
## 2      1.2596858390 -1.188887e+00  0.645009782  4.570125072  0.197522447
## 3      0.3461481314  9.789591e-01 -0.579745795 -0.288639250 -0.506447483
## 4      1.2973113810  2.107595e-01  0.229284869  4.570125072  1.756736299
## 5      1.5175074075  3.860788e-01  0.525310736  4.570125072  0.896649608
## 6      1.0610514400 -4.378690e-01  0.357821471  1.003742732  2.082922431

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## 7	1.6667018120	3.168301e-01	-0.530385488	-0.115992802	1.057762967
## 8	1.0957558226	1.416278e-01	-0.122699934	4.570125072	1.063989145
## 9	1.6101092459	8.339931e-01	0.209481275	-0.411958142	1.712324879
## 10	1.5529961561	4.677898e-01	-0.544336190	1.003742732	1.197338669
## 11	0.8670430470	2.238274e+00	-1.466660735	0.002393334	1.187712758
## 12	1.6831495635	2.819124e-01	-0.740739748	-0.229446182	2.429455208
## 13	1.6635012452	-6.644730e-01	0.164157528	4.570125072	0.660403762
## 14	1.5935953245	8.451121e-01	0.373547626	4.570125072	1.096170524
## 15	1.3080770421	1.092391e+00	-0.210102083	1.003742732	1.322475505
## 16	1.6668479134	-7.683389e-01	1.039564090	-0.120925558	2.179491098
## 17	1.4084920817	7.261478e-01	0.800891007	4.570125072	0.736928392
## 18	0.9328257242	2.978138e-02	0.641674702	-0.367563341	1.161389893
## 19	-0.3765263591	1.163662e+00	0.074905569	0.431543076	-0.766347066
## 20	0.8167604484	-2.431271e-01	0.852655058	4.570125072	1.021403234
## 21	0.6956720180	-3.284743e-02	-0.829810500	-0.032135956	2.005915148
## 22	0.9770677114	1.812322e+00	0.775116376	-0.347832318	2.047436932
## 23	1.3246361933	-1.507645e-01	-1.047722800	-0.071598001	0.793050429
## 24	1.6019541957	5.308797e-01	0.846842748	4.570125072	2.398027722
## 25	1.0205683414	2.542399e-01	0.617791515	4.570125072	1.112080605
## 26	-0.7480382492	2.152590e-01	0.088855475	1.003742732	-0.703778648
## 27	1.3427815841	1.226577e+00	0.860921665	4.570125072	1.343147542
## 28	1.0352173388	-1.250710e+00	-0.602424292	-0.209715160	1.149209116
## 29	0.3977974415	1.110455e+00	0.152229462	-0.185051381	-0.008055559
## 30	0.9111513018	2.192440e-01	0.213672017	4.570125072	1.038130265
## 31	1.3175049369	-2.444072e+00	0.383341986	4.570125072	1.164192434
## 32	0.8402245651	8.536222e-01	1.779393119	-0.288639250	-0.412509520
## 33	1.2811402000	3.760063e-01	0.523455744	4.570125072	0.414844738

## 34	1.6096660706	1.575096e-01	0.425786666	0.071451913	-0.828915484
## 35	0.7651749659	8.670043e-02	0.149365614	4.570125072	0.628443910
## 36	-0.5380361924	3.930881e-01	-0.050523867	-0.337966807	-0.583454767
## 37	0.8270588339	-2.429365e-01	1.289978981	0.022124356	0.533835535
## 38	1.3812938155	1.918750e+00	-1.036239640	-0.411958142	0.778611564
## 39	1.4993193708	2.192910e+00	-0.235412805	0.071451913	-0.477569752
## 40	1.4226171795	3.811520e-01	0.802322931	4.570125072	1.311071836
## 41	1.6539070898	-2.837204e-01	0.503050828	-0.120925558	2.573281768
## 42	0.9992065078	-9.547654e-01	-0.243903802	-0.051866979	2.097361297
## 43	0.7101795329	4.041626e-03	1.955690768	-0.323168540	0.036577502
## 44	1.6762872864	-1.493331e+00	-0.045881427	-0.175185870	1.510180759
## 45	-0.9675858609	2.475094e-01	0.946517672	-0.229446182	-0.105286252
## 46	1.4807221140	4.141438e-01	1.260150525	-0.204782404	1.348836489
## 47	-0.3863576450	-5.472366e-01	-0.921245603	-0.219580671	0.205869891
## 48	1.1646858606	2.296618e-01	0.087931458	4.570125072	0.507318515
## 49	0.5509859786	-5.009590e-01	-0.891670108	0.105981202	0.027790547
## 50	0.7648275333	6.127110e-01	-1.530569508	-0.209715160	2.044418790
## 51	1.6692853125	-3.398813e-01	-0.246761825	-0.347832318	0.988439524
## 52	0.7146898091	1.150996e-02	1.620351072	-0.278773739	0.121819258
## 53	1.4767473185	-3.533156e-01	-0.638159623	-0.298504762	2.049231745
## 54	0.5030562876	-1.194276e+00	-1.081730994	-0.323168540	-0.136995872
## 55	-0.4245846713	-2.969282e+00	-1.147115168	-0.061732490	-0.641210230
## 56	1.6497063236	4.260727e-01	-0.207946342	-0.155454847	3.247657597
## 57	-0.5085435901	1.621501e-02	-0.922650012	-0.140656580	-0.708591603
## 58	1.2997280693	-2.272091e-01	0.678656773	4.570125072	1.567625118
## 59	1.2209583471	-8.291115e-02	0.351092265	-0.362630585	2.071838699
## 60	1.3467338117	2.329092e-01	0.023049467	4.570125072	1.106834372

## 61	1.0195432750	-5.899019e-01	-0.431263438	1.003742732	1.000007504
## 62	1.5886800974	3.702330e-01	-0.505146363	0.313156940	1.991476282
## 63	1.6101092459	8.339931e-01	0.209481275	-0.411958142	1.712324879
## 64	1.1919305019	5.473631e-01	-0.467316296	0.313156940	1.924094909
## 65	1.1475593066	-8.808873e-01	0.492242744	4.570125072	0.974112531
## 66	1.4511353206	6.669182e-01	1.283264611	4.570125072	1.879968656
## 67	1.1598985097	1.227233e+00	-0.440587049	1.003742732	1.746015565
## 68	0.6093924964	3.975249e-01	2.892426499	4.570125072	0.197522447
## 69	1.6493410618	-3.870889e-01	0.908675827	4.570125072	0.458770382
## 70	1.6013447466	-1.653611e+00	0.020350785	0.071451913	-0.054029692
## 71	1.1190696668	-3.993284e-01	0.576897191	4.570125072	0.607795944
## 72	-0.3035307526	1.526902e+00	0.024594161	1.003742732	0.576467444
## 73	1.6224446582	-2.309891e-01	-0.402538785	0.757104949	2.395764521
## 74	1.6617136119	7.548693e-01	-0.054836393	4.570125072	1.289542413
## 75	0.7800084226	-7.449636e-02	1.507256950	0.022124356	0.775910162
## 76	1.2197844488	-6.339136e-01	0.826128667	4.570125072	1.065752230
## 77	0.7713290231	-1.893759e-01	1.685448298	0.022124356	0.949203309
## 78	1.3835875265	1.303346e+00	0.027480248	0.115846714	0.636445757
## 79	-0.1023324667	8.930193e-01	-0.506122545	1.003742732	-0.020339005
## 80	1.5013871134	1.387945e+00	0.928561346	-0.293572006	2.267752020
## 81	1.6725761151	5.325225e-01	0.616978276	4.570125072	0.686347276
## 82	1.3849903232	2.173955e+00	0.729772118	-0.337966807	2.266432908
## 83	1.5087495374	-1.599522e-01	-0.052583712	0.313156940	1.746015565
## 84	-0.8898016543	-1.154822e+00	1.232186498	4.570125072	-0.813982982
## 85	0.8196097551	4.232269e-01	0.450969708	4.570125072	0.447201727
## 86	1.6297007350	1.019043e+00	0.845853419	4.570125072	1.361185048
## 87	0.6965792917	-9.554050e-01	-0.813705516	-0.155454847	1.661362446

## 88	1.1322419951	4.098212e-01	0.826847150	4.570125072	1.090033258
## 89	1.6878865159	1.155323e+00	-0.583799706	-0.214647915	2.347634969
## 90	1.4929601664	-6.350937e-01	0.644524913	4.570125072	1.436280573
## 91	0.7855151566	-2.558410e+00	-1.435113558	-0.268908228	1.086640698
## 92	0.8167604484	-2.431271e-01	0.852655058	4.570125072	1.021403234
## 93	1.6297798994	4.677898e-01	0.152280602	-0.367563341	1.882994349
## 94	-0.2765640978	-4.641656e-01	-0.041080270	4.570125072	0.167680381
## 95	1.6662893664	-7.069704e-01	0.632281963	4.570125072	0.795885574
## 96	1.4927304553	1.106100e-01	1.293796180	-0.283706495	1.715903743
## 97	-0.2673925102	2.066654e+00	-0.826702890	-0.278773739	-0.467943842
## 98	1.3203922732	-9.326155e-01	0.874351796	-0.125858314	2.352751320
## 99	0.8894507081	5.904968e-01	-0.431319834	0.175039782	0.080733055
## 100	1.4132158716	8.216586e-02	0.726491895	-0.293572006	1.728244654
## 101	1.3427815841	1.226577e+00	0.860921665	4.570125072	1.343147542
## 102	0.3191220638	-1.471873e+00	-0.008432404	4.570125072	0.392231427
## 103	1.5611424992	6.127110e-01	0.856736041	-0.254109961	2.204208903
## 104	1.5975820610	-7.470823e-01	-0.703106438	0.757104949	2.982945060
## 105	1.5595710228	2.947494e-01	0.646104648	4.570125072	1.863490962
## 106	1.5917802980	9.311520e-02	0.159982806	4.570125072	0.757377938
## 107	1.6562592105	5.926324e-01	0.458725542	4.570125072	0.353978521
## 108	-0.5365073993	2.094911e-02	-0.502414948	-0.214647915	-0.212857214
## 109	0.6193617689	-2.292302e+00	0.347231468	4.570125072	0.657354423
## 110	1.4084920817	7.261478e-01	0.800891007	4.570125072	0.736928392
## 111	-0.5367029504	1.538679e-01	-1.020516245	0.757104949	-0.188792438
## 112	1.0493893921	1.009054e+00	-0.731077394	0.757104949	1.851900580
## 113	-0.3013504027	-1.137944e+00	1.702631850	-0.111060047	-0.060443511
## 114	1.5087589124	2.336465e-01	0.373964408	4.570125072	1.023812121

## 115	1.6831495635	2.819124e-01	-0.740739748	-0.229446182	2.429455208
## 116	1.1346491897	-4.483793e-01	1.009092748	-0.357697829	0.466231652
## 117	1.4241806530	1.523226e-01	-0.257549815	4.570125072	0.098004425
## 118	1.2654961109	-7.450900e-01	-0.664986520	0.313156940	2.458332939
## 119	1.4946924026	-5.405900e-01	0.662190539	-0.293572006	2.023361418
## 120	1.6370432264	7.648784e-01	0.459667402	4.570125072	-0.672912330
## 121	0.8871661114	5.097959e-01	-0.137103405	0.313156940	1.115518430
## 122	1.1123021066	3.256028e-01	0.007891529	-0.288639250	1.251561390
## 123	0.6973048176	2.764109e-02	-0.137103405	0.757104949	1.144396161
## 124	0.4591077932	4.947884e-02	-0.344413053	0.022124356	0.261931454
## 125	1.0681504479	-1.707776e-01	-0.713541168	-0.244244449	0.359884458
## 126	1.0722704702	4.207883e-01	0.758792443	-0.342899562	1.175483118
## 127	0.9361321642	-7.567951e-01	-0.423130328	0.313156940	1.000007504
## 128	-0.3857823908	1.621853e-01	1.241980858	-0.347832318	-0.376638422
## 129	-0.7309640102	2.152590e-01	1.191376666	-0.392227119	-0.286243661
## 130	1.3050664539	7.519491e-01	0.483617574	-0.283706495	0.852622102
## 131	0.9328257242	2.978138e-02	0.641674702	-0.367563341	1.161389893
## 132	0.7437839311	-1.113769e-01	-0.985998678	0.757104949	1.178086848
## 133	1.1484516152	-3.615312e-01	-0.012403090	1.003742732	1.447612341
## 134	0.7440889266	4.001020e-01	0.962841605	-0.249177205	0.294173077
## 135	1.1780491103	-1.523292e-01	-0.910434338	-0.032135956	0.696791325
## 136	1.0675224986	-4.206643e-01	0.363756232	-0.328101295	-0.008764047
## 137	0.7923358136	4.157352e-02	-0.969680093	-0.219580671	1.110705475
## 138	1.1476342521	3.006768e-01	-0.962983950	1.003742732	1.149209116
## 139	0.6902729183	-5.239608e-01	-0.675674796	-0.283706495	0.918187265
## 140	1.2888146588	5.859143e-01	0.435473256	-0.402092630	0.948766041
## 141	0.9273266238	4.376144e-01	-0.559270233	0.313156940	1.717137834

## 142	1.0452379153	3.079806e-01	0.976444882	-0.362630585	0.760282433
## 143	-1.0983257482	8.020749e-01	-0.821568313	-0.333034051	-0.496821573
## 144	0.9209039387	-3.556267e-01	-0.640472411	-0.219580671	1.259907087
## 145	0.6098558666	9.330634e-01	0.333755939	0.313156940	0.975942728
## 146	1.2494214506	-1.690662e-01	0.804499455	0.115846714	1.170863515
## 147	0.9131316284	2.745614e-01	1.202050006	-0.362630585	1.123540022
## 148	-0.8136033270	6.127110e-01	-0.667444757	-0.106127291	-0.650836140
## 149	0.7589658755	-8.842867e-01	-0.328549530	-0.214647915	1.553497356
## 150	-0.8579891476	4.254626e-02	-1.297416911	-0.352765074	-0.525699304
## 151	-0.9675858609	2.475094e-01	0.946517672	-0.229446182	-0.105286252
## 152	1.6475194430	-7.189823e-02	0.192020408	-0.175185870	1.250281176
## 153	0.7549157699	4.005859e-01	1.292040919	-0.204782404	0.037242496
## 154	0.9686055828	-3.623419e-01	0.827586161	-0.352765074	1.799892963
## 155	-0.6395612779	-4.057796e-01	-0.434818814	-0.254109961	-0.626771364
## 156	-1.0317782000	-6.058283e-01	0.317336518	0.214501827	0.225322182
## 157	-0.6305674849	7.129625e-01	-0.766425285	-0.106127291	-0.915548678
## 158	-0.5909527785	-1.968655e-01	0.203313655	-0.328101295	-0.025387057
## 159	-0.3660209722	-3.453797e-01	-0.434233383	-0.362630585	-0.569015901
## 160	-1.2546188208	1.060027e+00	-0.818281245	-0.397159875	-1.093628022
## 161	-1.1290299965	1.206121e+00	-0.182421640	-0.411958142	-1.021433693
## 162	-0.8841857760	8.360625e-02	-0.773110616	-0.323168540	-0.891483902
## 163	-0.0302008501	-2.584329e-01	-0.690207061	-0.392227119	-0.992555962
## 164	-0.9641136363	-1.020304e+00	1.611166454	-0.037068712	-0.797543447
## 165	0.4737691682	9.689557e-01	-0.908120653	-0.352765074	-0.106972199
## 166	-0.2223917090	-1.224965e+00	0.549846102	-0.333034051	-0.639544847
## 167	-1.0278891910	-8.883436e-01	1.460011823	-0.106127291	-0.969366268
## 168	0.7598730767	2.679954e-01	-0.831397510	-0.387294363	-0.328368140


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## 169 -0.3326856241 -3.898033e-01 -0.674739228 -0.175185870 -0.347619961
## 170 -0.3018248997 2.745614e-01 -0.490257998 -0.175185870 -0.453504976
## 171 0.2350527745 -4.421912e-03 -0.870725611 -0.106127291 0.114423742
## 172 -0.4013563475 1.934264e+00 0.780557687 -0.273840983 -0.847853416
## 173 0.3569103512 5.502964e-02 -0.558426619 -0.387294363 -0.939613454
## 174 -0.0358413012 2.483716e-02 1.200704627 -0.347832318 -0.653258471
## 175 -0.6886520913 -2.399895e+00 1.787804807 -0.372496096 -0.872859101
## 176 -0.6261702274 -2.803515e+00 -1.105998360 -0.061732490 -0.809663663
## 177 -0.1502712250 -4.147060e-01 -0.165657653 -0.160387603 -0.494374914
## 178 -0.2314227880 5.293317e-01 -0.121571689 0.007326089 -0.116598110
## 179 -0.3403186192 -2.363387e-01 1.403587794 -0.377428852 -0.061448603
## 180 -0.8496011777 1.256573e+00 1.278488211 -0.268908228 -0.039266503
## 181 -0.0302008501 -2.584329e-01 -0.690207061 -0.392227119 -0.992555962
## 182 0.8894507081 5.904968e-01 -0.431319834 0.175039782 0.080733055
## 183 0.3569103512 5.502964e-02 -0.558426619 -0.387294363 -0.939613454
## 184 0.1680548516 3.072855e-01 0.790070973 -0.337966807 -0.686051428
## 185 1.3648820886 7.564979e-02 1.297482230 -0.372496096 -0.653372933
## 186 0.4796833089 4.510765e-01 0.360799412 -0.387294363 0.267532488
## 187 -1.2546188208 1.060027e+00 -0.818281245 -0.397159875 -1.093628022
## 188 -0.8579891476 4.254626e-02 -1.297416911 -0.352765074 -0.525699304
## 189 0.4737691682 9.689557e-01 -0.908120653 -0.352765074 -0.106972199
## 190 -1.3586969096 1.397574e+00 0.297058341 -0.411958142 -1.122505753
## 191 -0.1318347045 5.861812e-01 1.353158961 -0.323168540 -0.234581937
## 192 -1.0125147269 -3.943476e-02 -0.621260944 0.007326089 -0.199473243
## 193 -0.8695790346 1.400370e+00 -0.122650029 -0.135723825 -0.934800499
## 194 -1.0941300076 7.526810e-01 -0.414238351 -0.111060047 -0.395749513
## 195 0.2059072258 -1.329754e+00 -0.686443698 -0.032135956 -1.026246648
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## 196 -0.7309640102 2.152590e-01 1.191376666 -0.392227119 -0.286243661
## 197 -0.6522297072 -1.122096e+00 0.819065426 4.570125072 -0.487255451
## 198 -0.6780381272 2.408307e-01 -0.032011418 4.570125072 -1.054139912
## 199 0.2140549647 1.854322e+00 1.424525012 0.012258845 0.942288782
## 200 1.4202092884 5.804819e-01 -0.087770995 -0.051866979 2.299505417
## 201 1.6174507486 2.003540e+00 1.080302948 -0.397159875 2.202520203
## 202 0.9358929528 1.740562e-02 0.459885357 -0.342899562 0.324707744
## 203 0.9131316284 2.745614e-01 1.202050006 -0.362630585 1.123540022
## 204 1.0452379153 3.079806e-01 0.976444882 -0.362630585 0.760282433
## 205 0.8068692010 -1.406519e-01 -0.337340289 0.007326089 1.380230968
## 206 0.1684543646 -9.440780e-01 1.584840978 -0.308370273 0.127962989
## 207 0.8794383880 -6.109846e-01 -0.933518348 -0.347832318 0.427265832
## 208 0.6439404121 1.304763e-01 -0.442355084 -0.199849648 0.879683623
## 209 1.6475194430 -7.189823e-02 0.192020408 -0.175185870 1.250281176
## 210 1.6599634279 -1.873502e+00 -0.921145848 -0.303437517 1.317662549
## 211 -0.8496011777 1.256573e+00 1.278488211 -0.268908228 -0.039266503
## 212 -1.1290299965 1.206121e+00 -0.182421640 -0.411958142 -1.021433693
## 213 0.3977974415 1.110455e+00 0.152229462 -0.185051381 -0.008055559
## 214 0.2631089480 -5.874376e-02 1.194874651 -0.273840983 0.236296911
## 215 -1.0278891910 -8.883436e-01 1.460011823 -0.106127291 -0.969366268
## 216 -0.1268849119 5.349613e-01 0.743838092 -0.239311694 -0.395174832
## 217 -0.2223917090 -1.224965e+00 0.549846102 -0.333034051 -0.639544847
## 218 -0.1647882150 1.127287e+00 1.027954482 -0.160387603 -0.494374914
## 219 -0.5084090544 1.575711e+00 -0.600440318 -0.046934223 0.340632637
## 220 -0.0358413012 2.483716e-02 1.200704627 -0.347832318 -0.653258471
## 221 -0.3018248997 2.745614e-01 -0.490257998 -0.175185870 -0.453504976
## 222 -1.3043660951 -2.409783e-01 -0.967573760 -0.387294363 -1.108391515
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## 223	-0.1273285093	-9.039930e-01	2.189350937	-0.160387603	-0.494374914
## 224	-0.6886520913	-2.399895e+00	1.787804807	-0.372496096	-0.872859101
## 225	1.5413741208	5.030879e-01	0.297955260	4.570125072	0.799244643
## 226	0.3461481314	9.789591e-01	-0.579745795	-0.288639250	-0.506447483
## 227	0.4591077932	4.947884e-02	-0.344413053	0.022124356	0.261931454
## 228	1.4501776300	1.779472e-01	1.175794730	4.570125072	1.166285774
## 229	1.5975820610	-7.470823e-01	-0.703106438	0.757104949	2.982945060
## 230	0.8271613464	3.264845e-01	0.156167253	4.570125072	0.107364095
## 231	0.8871661114	5.097959e-01	-0.137103405	0.313156940	1.115518430
## 232	0.0644692024	-4.462314e-01	1.101595035	4.570125072	1.232080162
## 233	1.6878865159	1.155323e+00	-0.583799706	-0.214647915	2.347634969
## 234	1.6751580151	-2.465372e-01	-0.654739230	-0.115992802	0.937439086
## 235	1.1863616767	-7.187533e-01	0.130750603	0.313156940	1.996289237
## 236	-0.0737647578	-4.620566e-01	-0.927423163	-0.189984137	0.586093354
## 237	-1.2390379872	1.191953e-01	0.648976895	0.214501827	1.274751642
## 238	-0.3795364001	2.152718e+00	-0.285378717	-0.382361608	-0.159914707
## 239	0.7639075050	1.022392e+00	0.380077200	-0.352765074	0.708509824
## 240	1.3916615584	-1.238183e+00	0.724888890	4.570125072	1.295449499
## 241	1.3648820886	7.564979e-02	1.297482230	-0.372496096	-0.653372933
## 242	-1.0856307719	6.316811e-01	-0.194097131	-0.411958142	-0.701145144
## 243	-1.3564724131	8.305375e-01	0.074547588	-0.411958142	-0.953804229
## 244	0.4796833089	4.510765e-01	0.360799412	-0.387294363	0.267532488
## 245	-0.8841857760	8.360625e-02	-0.773110616	-0.323168540	-0.891483902
## 246	-1.3586969096	1.397574e+00	0.297058341	-0.411958142	-1.122505753
## 247	0.2350527745	-4.421912e-03	-0.870725611	-0.106127291	0.114423742
## 248	0.1680548516	3.072855e-01	0.790070973	-0.337966807	-0.686051428
## 249	-1.1591701724	1.595406e+00	-0.462297568	-0.411958142	-1.080723174

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## 250 -1.3224655057 -1.129786e+00 -0.667730422 -0.367563341 -1.109806663
## 251 -0.1318347045 5.861812e-01 1.353158961 -0.323168540 -0.234581937
## 252 -0.0246218665 -7.160743e-01 0.510350147 4.570125072 -0.563217778
## 253 -1.1707152149 -2.811391e-01 0.227098628 4.570125072 -0.943645930
## 254 -0.9311629330 7.166302e-01 0.948558164 4.570125072 -0.981294353
## 255 0.2421057721 8.482940e-01 1.289948107 4.570125072 -0.928380994
## 256 0.0927752700 1.174105e+00 0.191324384 -0.032135956 0.451330608
## 257 0.2059072258 -1.329754e+00 -0.686443698 -0.032135956 -1.026246648
## 258 0.4446860826 1.713129e-02 0.951958983 -0.160387603 -0.239346758
## 259 1.2732023513 -6.775370e-01 0.426377809 -0.229446182 1.353846358
## 260 1.6070759896 -9.270053e-02 0.802322931 -0.323168540 1.617301533
## 261 0.4482786960 3.647346e-01 0.100487988 -0.155454847 0.792701303
## 262 1.6475194430 -7.189823e-02 0.192020408 -0.175185870 1.250281176
## 263 1.4932471746 -9.817788e-01 -0.576604396 -0.071598001 1.428360520
## 264 1.3458912951 9.470698e-01 0.282925065 -0.086396268 1.993356661
## 265 1.6572272459 1.533362e+00 -1.098425925 4.570125072 0.456613939
## 266 1.6733321392 -8.915388e-01 0.712929965 4.570125072 1.091548677
## 267 1.5035338691 7.659731e-01 0.333394005 -0.239311694 0.770394323
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## 269 1.6110237603 1.018263e+00 0.446038365 4.570125072 0.219122561
## 270 1.5363803379 -9.600254e-01 -0.621456552 -0.214647915 2.405390432
## 271 -0.8496011777 1.256573e+00 1.278488211 -0.268908228 -0.039266503
## 272 -0.0358413012 2.483716e-02 1.200704627 -0.347832318 -0.653258471
## 273 0.1223388213 4.382517e-01 1.221997426 -0.402092630 -0.803674462
## 274 -0.5084090544 1.575711e+00 -0.600440318 -0.046934223 0.340632637
## 275 -0.0666478093 -6.802717e-01 1.948276134 -0.278773739 -0.164794763
## 276 -0.1273285093 -9.039930e-01 2.189350937 -0.160387603 -0.494374914
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## 277 -0.1647882150 1.127287e+00 1.027954482 -0.160387603 -0.494374914
## 278 -0.6886520913 -2.399895e+00 1.787804807 -0.372496096 -0.872859101
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## 280 -0.3326856241 -3.898033e-01 -0.674739228 -0.175185870 -0.347619961
## 281 -0.4013563475 1.934264e+00 0.780557687 -0.273840983 -0.847853416
## 282 -0.3018248997 2.745614e-01 -0.490257998 -0.175185870 -0.453504976
## 283 -0.6320662430 -6.324220e-02 -0.716639559 -0.101194535 0.345445593
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## 286 0.6787242548 7.203041e-01 -0.290160970 -0.268908228 -0.309116319
## 287 0.8196097551 4.232269e-01 0.450969708 4.570125072 0.447201727
## 288 1.3863065478 9.097170e-01 -1.129754610 0.239165605 1.437986430
## 289 1.6173210964 -2.970440e-01 -1.020931965 0.105981202 1.014446370
## 290 1.1617054502 -1.530755e+00 -0.432618081 0.707777392 0.937275935
## 291 0.8870136982 5.618675e-01 -0.665975357 -0.219580671 1.486115983
## 292 1.4662446991 -7.099590e-01 -0.780733319 -0.130791069 2.698980701
## 293 1.4111805955 1.065975e+00 0.965562260 4.570125072 1.039157040
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## 297 1.5589254026 -1.002126e+00 -0.955750303 0.175039782 -0.020339005
## 298 1.2155718048 4.186907e-01 0.632281963 4.570125072 -0.273660033
## 299 1.3422523312 -9.614340e-01 0.404688668 4.570125072 0.967549201
## 300 -1.3251264917 -1.180802e+00 -0.485692653 0.816298017 -1.103631419
## 301 0.1373066375 1.279669e+00 -0.320919120 0.313156940 0.586093354
## 302 1.6087292988 1.888365e+00 -0.555240883 1.003742732 2.092548342
## 303 0.4358272781 -1.947565e+00 -0.480271798 4.570125072 0.609067376
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## 304	1.6540982539	1.084622e+00	-0.464416425	-0.115992802	0.441704697
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## 306	1.1193891692	-6.988146e-01	-0.116421499	4.570125072	0.005378705
## 307	0.5172090940	-5.807584e-01	-0.238921355	-0.288639250	-0.082907423
## 308	-1.3392747662	1.403747e+00	0.360691690	0.431543076	-1.122505753
## 309	0.7437839311	-1.113769e-01	-0.985998678	0.757104949	1.178086848
## 310	1.3059796697	1.295722e+00	0.244588556	-0.352765074	1.623709879
## 311	-0.6048580479	-8.611111e-01	0.560240116	0.022124356	-0.995403062
## 312	1.4241806530	1.523226e-01	-0.257549815	4.570125072	0.098004425
## 313	1.4529632810	2.798450e-01	-0.005015767	-0.160387603	2.390724540
## 314	1.3525045762	-1.572924e-01	-0.033660300	1.003742732	1.572749177
## 315	1.2789881031	-1.011605e-01	-1.122085000	0.239165605	2.376512701
## 316	1.5867860267	6.017252e-02	-0.519138305	0.071451913	0.658287683
## 317	1.6037848341	9.864554e-01	-0.449178593	-0.214647915	0.485021294
## 318	-1.3251264917	-1.180802e+00	-0.485692653	0.816298017	-1.103631419
## 319	1.0000691550	1.057459e+00	1.293641304	-0.357697829	0.466231652
## 320	-0.0176055242	-1.316684e-01	0.634136956	4.570125072	-0.298749954
## 321	1.5160218754	1.362832e+00	-1.020555809	0.175039782	-0.034777871
## 322	0.8660717088	8.602779e-02	-0.661712483	-0.372496096	-0.130522614
## 323	0.4134403559	-8.773209e-01	-0.081890102	-0.337966807	-0.272425348
## 324	1.6611268899	-5.708128e-01	-1.226275141	0.105981202	3.016635746
## 325	0.9802028919	-2.509415e-01	-0.466668521	-0.347832318	0.749733832
## 326	0.5269647392	-9.740328e-02	0.495277526	-0.308370273	0.001522977
## 327	0.8794383880	-6.109846e-01	-0.933518348	-0.347832318	0.427265832
## 328	1.5715501756	-2.456427e+00	0.929286854	-0.303437517	1.809403657
## 329	1.5630893508	-7.429617e-01	0.192389934	-0.298504762	0.196243980
## 330	1.5631408986	1.325465e+00	-0.102523413	1.003742732	1.712324879

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## 331 -0.4667312066 -7.280642e-01 -0.065566169 4.570125072 -0.985703408
## 332 0.2527936674 -1.048040e+00 -0.718764187 -0.032135956 -0.925174589
## 333 0.9165075765 1.915194e-01 -0.167126905 1.003742732 1.360979147
## 334 0.8705015748 -2.536964e-01 -0.759011407 -0.061732490 2.395764521
## 335 0.3867883608 -1.029963e+00 -0.042387266 0.007326089 0.475395384
## 336 -0.0519757158 -8.754711e-01 2.013519098 -0.111060047 -0.193774693
## 337 0.4059234190 -2.162162e-01 -0.424998705 -0.288639250 0.022977592
## 338 -0.4719679524 9.980444e-01 -0.961064168 -0.283706495 -0.925174589
## 339 1.0826577793 6.980955e-01 -0.775657251 -0.372496096 1.453349920
## 340 -0.2996238915 3.544877e-01 -0.424378889 -0.032135956 -0.010713095
## 341 1.6548305073 -9.042514e-01 0.271326033 4.570125072 0.528314640
## 342 -0.0053132643 -1.137803e+00 -0.629006937 -0.130791069 1.255094131
## 343 1.6380025338 -1.643952e-01 -0.069167684 1.003742732 1.991476282
## 344 0.8791117370 2.773629e-01 -0.875193428 -0.392227119 0.696791325
## 345 -0.1273449766 -5.632228e-02 0.155411515 0.214501827 1.563794841
## 346 -1.2848232611 1.156628e+00 0.654630205 0.214501827 0.922276830
## 347 1.1694238371 1.162268e+00 0.783118304 -0.362630585 1.168645460
## 348 1.3688697976 -4.315747e-01 0.448637718 -0.308370273 0.258990656
## 349 0.8248885759 -1.721522e-01 -0.141355858 4.570125072 0.683262624
## 350 1.6601538126 4.190435e-01 -0.059217973 4.570125072 0.739239107
## 351 1.6046195902 -6.031174e-01 1.335571407 -0.342899562 1.875540346
## 352 0.3020694218 -1.570871e-02 1.611025556 -0.111060047 0.083976286
## 353 1.6528221784 5.310887e-01 -0.489081540 -0.214647915 2.939628463
## 354 1.5700703417 -8.858750e-01 -0.173712225 4.570125072 0.607904573
## 355 -0.0761545716 -4.987722e-01 0.658201722 -0.273840983 -0.323992726
## 356 1.4222872425 -1.295059e+00 -0.660208384 -0.254109961 0.629409951
## 357 -1.3113923931 -8.606103e-01 -0.710570993 0.431543076 -1.122505753
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## 358	-1.0299783111	-7.746486e-02	2.008739307	4.570125072	-0.865128468
## 359	1.6089917564	8.330913e-01	-0.951666718	-0.323168540	0.586093354
## 360	0.7830023939	1.104620e+00	1.223494534	0.022124356	0.020730499
## 361	0.9111513018	2.192440e-01	0.213672017	4.570125072	1.038130265
## 362	1.0046207482	1.365063e+00	0.872661829	-0.160387603	0.528585789
## 363	0.4514159076	-2.874339e-01	-0.102295018	4.570125072	0.757063365
## 364	0.3053817506	9.753226e-01	-0.392672671	-0.283706495	-0.954052320
## 365	1.5224160049	5.830818e-01	0.174098846	4.570125072	1.245440198
## 366	1.5841567754	9.749023e-01	-0.540797248	-0.155454847	2.949254373
## 367	0.4972705491	1.109990e+00	1.737265737	-0.111060047	-0.713943322
## 368	1.6727282681	-1.547417e-01	-0.088073410	4.570125072	0.722207372
## 369	-0.3269266304	-1.005689e+00	-0.229825744	0.757104949	0.302128996
## 370	1.3398924456	-2.394261e-01	-0.449178593	0.313156940	2.299505417
## 371	1.5130115075	3.865600e-01	-0.246761825	-0.249177205	1.505621117
## 372	1.1826313266	-7.187533e-01	0.145478964	4.570125072	0.309723139
## 373	1.1060715537	-1.071065e+00	0.982875523	-0.377428852	1.644731294
## 374	0.1660465584	2.262543e-01	-0.555989512	4.570125072	1.065862109
## 375	1.5589254026	-1.002126e+00	-0.955750303	0.175039782	-0.020339005
## 376	1.6878865159	4.928043e-01	-1.216291887	-0.106127291	0.552402668
## 377	1.3616840249	-5.262842e-01	-0.962902364	0.071451913	0.032603503
## 378	0.9298592908	5.352440e-01	1.466162870	0.115846714	1.423558732
## 379	1.6878865159	-1.431268e-01	-0.488993063	-0.268908228	2.703793656
## 380	1.6013770383	6.127110e-01	-0.643301038	0.757104949	1.948159685
## 381	-0.5972263835	6.919059e-01	0.658764939	4.570125072	-0.537029982
## 382	1.1944075297	-1.684718e+00	0.787673248	4.570125072	0.963861382
## 383	1.3439189752	-7.655145e-01	1.589310301	-0.328101295	1.603664510
## 384	0.6782389393	7.828360e-01	1.027567897	-0.155454847	0.183867810


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## 385  1.1525167789 -9.270053e-02  0.700751793 -0.352765074  0.603396862
## 386  1.4060378459 -3.907114e-01  0.579938917 -0.288639250  2.235787636
## 387 -0.3161555516 -5.535351e-01 -0.850017422  0.239165605 -0.809663663
## 388  1.6328499655 -3.206866e-01 -0.605122310 -0.115992802  1.640130550
## 389  0.8969909016  4.912825e-02 -0.416181085 -0.032135956  1.948159685
## 390  1.1757826254 -3.101812e-01 -0.526119423 -0.120925558 -0.694152737
## 391  1.5006540848 -4.017380e-01  0.308668393 -0.155454847  1.399482788
## 392  0.4758924259  1.649094e+00  0.593739344  4.570125072  0.489434123
## 393 -0.8898016543 -1.154822e+00  1.232186498  4.570125072 -0.813982982
## 394  1.6387823329 -2.874339e-01  0.209044509 -0.175185870  1.794145117
## 395 -0.4853266544 -1.461074e+00 -0.527357398  0.431543076 -0.713404558
## 396  1.2997280693 -2.272091e-01  0.678656773  4.570125072  1.567625118
## 397  1.2892603624 -9.724806e-01 -1.116416144  0.105981202  0.408014011
## 398  1.0956712252  4.684440e-01  0.384201140 -0.347832318  1.982996313
## 399  1.2973113810  2.107595e-01  0.229284869  4.570125072  1.756736299
## 400  1.5975820610 -7.470823e-01 -0.703106438  0.757104949  2.982945060
## 401 -0.0547206653 -7.458523e-01 -1.381893092  0.002393334  0.215495801
## 402  1.6149057176 -7.803362e-01 -0.937677076  0.105981202  2.188807446
## 403  0.7651749659  8.670043e-02  0.149365614  4.570125072  0.628443910
## 404  0.6162970290  1.279746e+00  0.852939777 -0.397159875  0.230857822
## 405  1.0382222613  8.494158e-01 -1.100511638 -0.323168540 -0.248259583
## 406  1.2253272657  1.855746e-01 -0.214106357  0.313156940  1.346540281
## 407 -0.5488853687  6.475775e-01 -2.234391683 -0.022270445  0.194724100
## 408 -1.3226592469 -1.298538e+00  1.844553498 -0.411958142 -1.117091855
## 409  0.3002087652  5.209447e-02  1.607636955  0.012258845  0.267722870
## 410  0.8333774489 -4.369715e-02  0.721366841 -0.342899562  0.174223860
## 411  0.1484833519 -3.722560e-01 -0.478575584 -0.130791069  1.924094909
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## 412	1.2265485395	-7.162364e-01	1.181629851	-0.239311694	2.331395573
## 413	1.2863548964	-1.390175e+00	0.562905248	4.570125072	1.059920499
## 414	-1.2891433929	3.387119e-01	-0.565778114	0.816298017	-1.114061972
## 415	0.9935050175	-1.839090e+00	0.485737565	1.003742732	1.255094131
## 416	0.9315820100	1.519047e-01	0.517198236	4.570125072	0.473413085
## 417	0.9952248616	-1.733190e-01	-0.047484578	1.003742732	2.434268163
## 418	1.0400446014	-4.181001e-01	0.478159724	4.570125072	0.904714603
## 419	0.7580593428	7.016606e-01	-0.332000963	0.007326089	0.903748400
## 420	1.6021736907	-1.536677e+00	0.653923541	4.570125072	2.045204578
## 421	-0.6015253295	-4.913055e-01	-0.635822832	-0.377428852	-0.467943842
## 422	1.2545306279	-6.422036e-02	0.838435668	-0.259042716	0.455796683
## 423	1.0833644684	1.045558e-01	-0.209760910	0.313156940	0.831554071
## 424	1.2574921584	1.172824e-01	1.085271102	-0.308370273	0.795383983
## 425	1.0166549108	-4.717000e-01	-0.041080270	-0.273840983	1.001893901
## 426	1.0766350950	1.779472e-01	-0.226076459	-0.135723825	1.423547565
## 427	0.8042122150	-3.122134e-02	0.742776509	0.022124356	0.745877489
## 428	0.9430560834	-1.836788e-01	0.562905248	-0.323168540	1.017244048
## 429	0.7424229244	3.548003e-01	-0.239551506	-0.259042716	0.802676340
## 430	0.9592233296	-1.087955e-01	-0.828537597	0.757104949	1.370605057
## 431	0.5415142340	-5.720813e-02	-0.058393532	0.022124356	0.336421302
## 432	0.9328257242	2.978138e-02	0.641674702	-0.367563341	1.161389893
## 433	1.0013884492	-3.715011e-01	0.656636218	-0.209715160	0.314197301
## 434	-0.4206793426	-1.558109e-01	-0.625696858	-0.046934223	-0.260986767
## 435	0.7437839311	-1.113769e-01	-0.985998678	0.757104949	1.178086848
## 436	0.9708138275	-9.457414e-02	0.856736041	-0.362630585	0.950767270
## 437	1.0816780643	-3.432121e-01	-0.444077364	0.022124356	1.102934097
## 438	-0.6048580479	-8.611111e-01	0.560240116	0.022124356	-0.995403062

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## 439  0.7275132700 -3.284743e-02 -0.284904615 -0.259042716  0.388762190
## 440 -0.5371907769 -6.089910e-01 -0.064550302 -0.244244449 -0.343468653
## 441  1.4249821364  2.012035e-01  0.913370094 -0.283706495  1.140590749
## 442  0.9270066616 -2.769914e-01 -0.652825970 -0.268908228  0.273251264
## 443  1.1285319906 -2.735641e-01  0.935332755 -0.298504762  0.425139685
## 444  1.1780491103 -1.523292e-01 -0.910434338 -0.032135956  0.696791325
## 445  0.7073373615  8.945024e-01 -0.537195128 -0.268908228  0.485021294
## 446  1.4786748941  3.510609e-02  0.480575847 -0.204782404  1.182549435
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## 448  0.4667658926  3.664286e-01  0.821249230 -0.273840983  0.794232559
## 449 -0.5240586557 -9.978575e-01 -0.553290524 -0.185051381 -0.371684737
## 450  1.3665025121  2.564664e-01  1.032880251 -0.204782404  1.024038741
## 451  1.2253272657  1.855746e-01 -0.214106357  0.313156940  1.346540281
## 452 -0.6973310206 -4.504915e-01 -0.565424782 -0.101194535 -0.660462051
## 453 -0.5765625118 -5.210849e-01  0.132361517 -0.333034051 -0.347166460
## 454 -0.7596857921 -1.304318e-01 -0.102039235 -0.155454847 -0.481456748
## 455  1.0452379153  3.079806e-01  0.976444882 -0.362630585  0.760282433
## 456 -0.5390495638 -5.944833e-01  0.571268248 -0.273840983 -0.775809825
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## 458 -1.0438121147  4.866552e-01  0.448637718 -0.155454847 -0.753026362
## 459 -1.0594009812 -7.975225e-02 -0.968199272  0.002393334 -0.386123603
## 460 -0.6237708172  2.263794e-01  1.415516822 -0.185051381 -0.829429995
## 461 -0.3952760396 -1.763049e-01 -0.618778690 -0.249177205 -0.183979483
## 462 -0.6395612779 -4.057796e-01 -0.434818814 -0.254109961 -0.626771364
## 463 -0.5065022982 -4.168227e-01 -0.994420162 -0.214647915 -0.679713872
## 464 -0.7596857921 -1.369003e+00 -0.904236175 -0.298504762 -0.795224797
## 465 -0.2785524747 -1.386042e-02 -0.664654507 -0.214647915 -0.386123603
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## 466 -0.5974407231 -5.586115e-01 1.060785202 -0.160387603 -0.590788794
## 467 -0.4716428934 -9.978575e-01 -0.015568645 -0.333034051 -0.070493681
## 468 -0.5634070467 -9.396319e-01 -0.700376978 -0.392227119 -0.986503878
## 469 -0.5655999495 -1.186989e+00 -1.274407902 -0.254109961 -0.780785932
## 470 -0.2224390213 -4.903792e-01 -0.391915338 -0.313303028 0.085546010
## 471 -0.5879559661 -2.601612e-02 0.199444936 -0.273840983 -0.553886570
## 472 -0.6702439660 -6.506825e-01 -0.706625694 -0.259042716 -0.949239365
## 473 -0.7766506916 -9.597362e-01 0.295885832 -0.352765074 -0.793329540
## 474 -1.2036749717 6.127110e-01 -0.954283582 -0.382361608 -0.987743007
## 475 -1.0459043589 1.901226e-01 -0.465835667 -0.219580671 -0.355223035
## 476 -0.2283178619 -9.930751e-01 -0.923349978 -0.387294363 -0.374546494
## 477 -0.5412611591 3.430474e-01 -0.474359794 -0.204782404 -0.814476618
## 478 -0.1983877276 3.655715e-01 0.862001826 -0.347832318 -0.644931587
## 479 -1.1414644573 -5.306539e-03 0.118449075 -0.229446182 -0.542342492
## 480 -0.7832066937 -4.562783e-01 1.260538592 -0.377428852 -0.394108314
## 481 -0.0825494574 -1.225978e+00 0.255902946 -0.333034051 -0.631584319
## 482 -0.9066619539 -3.771453e-01 -0.852118111 -0.392227119 -0.823448341
## 483 -0.7405911001 -4.017380e-01 0.964000852 -0.347832318 -0.371612362
## 484 -0.9097837332 1.139870e+00 2.120635489 -0.308370273 0.738172816
## 485 -0.0328410628 9.455771e-01 0.548395086 -0.298504762 0.628360974
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## 487 -0.4682065073 1.702928e+00 -0.403643629 1.003742732 -0.703778648
## 488 -1.3564596294 2.634745e-01 1.518284901 -0.411958142 -1.087629266
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## 493 -0.8121592573 -3.327074e-01 1.898066642 -0.239311694 1.057555958
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## 495 -0.8612427928 1.974574e+00 -1.209117617 0.002393334 -0.670087961
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## 503 0.6149177860 -1.370712e+00 -1.010902939 -0.180118626 0.884496579
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## 516 -0.7832066937 -4.562783e-01 1.260538592 -0.377428852 -0.394108314
## 517 -0.1983877276 3.655715e-01 0.862001826 -0.347832318 -0.644931587
## 518 0.1813722978 4.552965e-01 0.892444644 -0.185051381 0.129936129
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## 524 -0.5634070467 -9.396319e-01 -0.700376978 -0.392227119 -0.986503878
## 525 1.6712770929 2.647421e-01 -0.315527959 -0.194916893 1.842274670
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## 529 0.4407578041 -3.585699e-01 -0.204357160 -0.214647915 0.845992937
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## 531 1.1750705788 -4.891905e-01 -1.023226593 -0.278773739 2.121426073
## 532 0.4514159076 -2.874339e-01 -0.102295018 4.570125072 0.757063365
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## 534 1.5063560484 -7.168208e-01 -0.307418123 0.071451913 -0.150288796
## 535 1.2919756551 -5.514108e-01 -1.187078851 0.239165605 2.742297298
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## 542 -0.4213836652 -6.452057e-01 -0.786814514 0.007326089 -0.477569752
## 543 -0.9097837332 1.139870e+00 2.120635489 -0.308370273 0.738172816
## 544 -0.2224390213 -4.903792e-01 -0.391915338 -0.313303028 0.085546010
## 545 -0.5752310675 2.165054e+00 0.899693759 -0.411958142 -0.967803621
## 546 -0.3552713978 -1.525338e-01 1.051576967 0.707777392 -0.767993445
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## 547 -0.5439736417 5.109755e-01 -0.593827708 -0.140656580 -0.756721155
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## 549 -0.7405911001 -4.017380e-01 0.964000852 -0.347832318 -0.371612362
## 550 -1.3564596294 2.634745e-01 1.518284901 -0.411958142 -1.087629266
## 551 -0.6421589717 2.335581e+00 -0.615749337 -0.411958142 -1.036450359
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## 553 -1.0299783111 -7.746486e-02 2.008739307 4.570125072 -0.865128468
## 554 -0.3402270207 1.201204e+00 -0.741333307 -0.130791069 -0.405375424
## 555 -0.7662711885 -5.909805e-01 -0.339241902 -0.091329024 0.294703928
## 556 -1.1384789101 1.304617e+00 -0.116869958 4.570125072 -0.932877123
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## 558 -0.4667312066 -7.280642e-01 -0.065566169 4.570125072 -0.985703408
## 559 1.5553958593 4.970572e-01 0.107408518 -0.323168540 2.036883986
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## 562 1.6728589427 8.225970e-01 -1.183026567 -0.377428852 2.535340223
## 563 1.6725761151 5.325225e-01 0.616978276 4.570125072 0.686347276
## 564 1.4198199633 4.255104e-01 0.090220930 -0.392227119 1.412798288
## 565 0.9802028919 -2.509415e-01 -0.466668521 -0.347832318 0.749733832
## 566 1.4529632810 2.798450e-01 -0.005015767 -0.160387603 2.390724540
## 567 -0.7203282158 6.956411e-02 -1.697790925 0.056653646 0.160442881
## 568 0.8705015748 -2.536964e-01 -0.759011407 -0.061732490 2.395764521
## 569 1.6057550483 -2.066516e-01 -0.131989978 -0.328101295 2.151543192
## 570 1.5291014794 4.783045e-01 0.876324760 -0.204782404 1.291635804
## 571 -1.2549760022 1.959024e+00 0.378678005 4.570125072 0.201446333
## 572 -1.2543139927 -5.768206e-01 -2.141293591 -0.170253114 -0.450107596
## 573 -0.1656975373 -1.046812e-01 -0.648638520 -0.175185870 0.278064219
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## 574	0.4556956008	-1.175823e+00	-0.503591703	0.175039782	-0.997368917
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## 576	-0.0144294243	-8.778858e-02	1.691588610	-0.268908228	-0.428417333
## 577	-0.0047844882	1.715373e+00	0.856736041	-0.347832318	-0.881857991
## 578	-1.0405809869	7.088456e-01	-0.690042218	-0.411958142	-0.911125962
## 579	0.2856559402	-8.457145e-01	1.370637633	-0.219580671	-0.438559483
## 580	0.1813722978	4.552965e-01	0.892444644	-0.185051381	0.129936129
## 581	-0.2652796799	1.109172e-01	1.428073693	-0.160387603	-0.015432230
## 582	-1.0459043589	1.901226e-01	-0.465835667	-0.219580671	-0.355223035
## 583	-0.1647882150	1.127287e+00	1.027954482	-0.160387603	-0.494374914
## 584	-0.1983877276	3.655715e-01	0.862001826	-0.347832318	-0.644931587
## 585	-0.5185203865	-9.950950e-01	-0.295438104	-0.303437517	-0.010713095
## 586	1.3756206435	2.178317e+00	0.451111041	4.570125072	1.241866602
## 587	1.4222872425	-1.295059e+00	-0.660208384	-0.254109961	0.629409951
## 588	1.6878865159	5.273836e-01	-0.827324257	-0.115992802	1.500554848
## 589	1.0120056616	-1.198718e+00	-0.999857326	0.431543076	0.470582429
## 590	1.6101092459	8.339931e-01	0.209481275	-0.411958142	1.712324879
## 591	1.6611268899	-5.708128e-01	-1.226275141	0.105981202	3.016635746
## 592	1.1919305019	5.473631e-01	-0.467316296	0.313156940	1.924094909
## 593	1.3938530345	1.126047e+00	-0.599645379	0.431543076	0.590906309
## 594	0.9380450251	-9.159320e-01	-0.239897402	0.757104949	1.596813953
## 595	1.6878865159	1.552754e-01	-0.733801013	-0.268908228	2.867434134
## 596	1.0749811084	1.263314e-01	-1.118546788	-0.032135956	1.986663327
## 597	1.5006540848	-4.017380e-01	0.308668393	-0.155454847	1.399482788
## 598	1.1085743920	-1.589829e-01	2.150558872	-0.111060047	0.913119857
## 599	0.5269304320	6.989597e-01	-0.079306183	0.313156940	1.077014788
## 600	1.6131502775	1.798871e+00	0.907748331	-0.120925558	1.884105787

## 601	0.9422972666	-1.169929e+00	-0.140867020	1.003742732	2.236936999
## 602	-0.0130108887	-1.455116e+00	-0.071259761	0.313156940	0.480208339
## 603	1.6420989382	9.311520e-02	0.055379334	4.570125072	1.131525317
## 604	1.1029975466	1.321826e-01	-0.895938862	0.175039782	-0.920361633
## 605	-1.1899101311	-3.706677e-02	-0.091371174	-0.046934223	0.176992160
## 606	1.0621229530	4.761506e-01	-0.717700276	-0.387294363	-0.747095245
## 607	1.5630893508	-7.429617e-01	0.192389934	-0.298504762	0.196243980
## 608	-0.6547971099	5.617459e-01	-0.795405198	-0.046934223	0.302128996
## 609	1.4951740477	4.409092e-01	0.230905959	-0.259042716	1.575666119
## 610	1.6693606210	-9.397656e-01	-0.626175532	-0.298504762	1.630504640
## 611	-1.1404451071	1.505204e+00	-0.473911825	0.816298017	-0.655060461
## 612	0.3440110228	-1.076548e+00	0.269074456	4.570125072	-0.773903855
## 613	1.6716599342	-1.313663e+00	-0.995723924	-0.106127291	0.923000220
## 614	1.3437642517	-5.563796e-01	0.405107230	4.570125072	0.197522447
## 615	1.3261825773	8.510044e-01	-0.632636575	0.007326089	1.948159685
## 616	1.1897155694	1.199044e+00	0.794549630	-0.150522092	2.778129145
## 617	0.4476903891	2.145161e-01	0.339811498	-0.263975472	0.800226999
## 618	0.8089008332	-7.661411e-02	0.164376127	4.570125072	0.772295559
## 619	0.6033532670	-6.107311e-01	1.494222263	0.022124356	0.254497787
## 620	1.0099759894	5.662983e-01	-0.102792699	4.570125072	1.112080605
## 621	1.4493100793	-8.756412e-01	1.556333166	-0.323168540	2.572904752
## 622	-0.3879122647	-3.293807e-01	-0.684265383	1.003742732	0.037416458
## 623	1.4540306535	-1.239761e+00	2.075872082	-0.293572006	2.003942625
## 624	1.3941252878	1.165022e+00	1.445534616	-0.249177205	0.501343490
## 625	1.5633723376	-7.706285e-01	1.571879769	-0.342899562	1.732504968
## 626	0.8493859731	-1.583122e+00	1.477045492	-0.377428852	0.565370908
## 627	0.3484110212	3.423629e-01	-0.231406248	-0.313303028	0.778611564

## 628	1.1827941788	1.368131e-01	0.218875493	0.313156940	1.986663327
## 629	1.5690320730	-5.334846e-01	0.899693759	-0.273840983	1.283971863
## 630	-0.1797311103	3.312230e+00	-0.749354039	-0.012404933	-0.650836140
## 631	1.5784676720	3.987598e-01	1.200787805	-0.268908228	0.343641694
## 632	1.2576740664	6.127110e-01	1.029577684	-0.313303028	2.343256592
## 633	1.6387823329	-2.874339e-01	0.209044509	-0.175185870	1.794145117
## 634	1.0417814430	-1.614725e+00	0.745733297	-0.313303028	0.745680817
## 635	0.7564064031	8.566434e-01	1.005135431	-0.229446182	0.912445494
## 636	1.3504310547	1.052605e+00	0.305099687	4.570125072	1.694646671
## 637	-0.0750032838	2.327450e-01	-0.849044484	-0.352765074	-0.954052320
## 638	1.5920105986	-1.176923e-01	0.457081131	4.570125072	1.902149599
## 639	1.6551347037	2.206234e-01	-0.666051811	-0.194916893	1.250281176
## 640	1.1823589519	-2.106012e+00	-0.791332112	-0.367563341	-0.434253155
## 641	1.1313586174	1.476364e+00	0.341243422	4.570125072	0.675104032
## 642	0.9698602734	1.292608e+00	-0.440920777	0.757104949	1.231029355
## 643	0.5752066243	5.479590e-01	1.618358387	-0.352765074	0.765600793
## 644	0.8373743461	3.181936e-01	1.368219272	0.022124356	0.462804146
## 645	1.2899825112	-3.752741e-01	-1.020075411	-0.219580671	1.659382371
## 646	-0.6238645493	-2.649583e-01	-0.732557758	-0.032135956	-0.232109035
## 647	0.6162970290	1.279746e+00	0.852939777	-0.397159875	0.230857822
## 648	1.4108629036	-1.158690e+00	0.074711879	-0.012404933	0.075920100
## 649	1.6820869012	-6.023135e-01	-0.618154294	-0.382361608	1.938533774
## 650	1.4863352900	6.402249e-02	1.333065314	-0.323168540	1.971925351
## 651	1.4323390923	1.560769e+00	-0.096925304	1.003742732	2.256188820
## 652	0.9937735389	-4.056173e-01	-0.122699934	-0.160387603	1.765267386
## 653	1.1181425955	-1.204346e+00	1.685991833	-0.268908228	1.226370005
## 654	0.9048998578	3.996767e-01	1.424290000	-0.268908228	0.556432119

## 655	0.6769673097	-2.667934e+00	-0.485105713	-0.244244449	0.047042368
## 656	1.3122344432	1.901637e-01	-0.374951560	-0.180118626	-0.390936558
## 657	0.5775158259	-6.116240e-01	0.634136956	4.570125072	0.346062638
## 658	-0.2366046246	4.422836e-01	0.802563697	-0.411958142	1.008791687
## 659	0.1993018039	1.125485e+00	-0.640085605	0.757104949	0.682352459
## 660	0.3780009122	-2.078205e-01	-0.842111675	0.175039782	-0.304303364
## 661	1.6692284280	6.127110e-01	-0.519278611	-0.115992802	1.192525713
## 662	1.4408745832	1.388949e+00	0.911149151	-0.362630585	1.291008347
## 663	1.3256918450	-3.135250e-01	0.140994367	4.570125072	1.274992469
## 664	1.6383839217	5.694992e-01	-1.442289067	-0.249177205	1.394669833
## 665	1.3806835021	-3.352167e-01	-1.112645707	-0.298504762	2.087735387
## 666	1.5631408986	1.325465e+00	-0.102523413	1.003742732	1.712324879
## 667	0.8593292057	1.314059e+00	0.189786781	-0.239311694	1.020968845
## 668	1.3541061422	7.063904e-02	0.713283297	4.570125072	0.197522447
## 669	-0.5555736329	2.654290e+00	1.164010072	0.012258845	0.299264392
## 670	1.5799361503	2.036662e+00	1.654097380	-0.377428852	2.346290810
## 671	1.0705750640	-9.358683e-01	0.943064532	-0.204782404	0.073935096
## 672	1.6695975629	1.123585e+00	-0.606016380	-0.303437517	1.279158908
## 673	1.5426199745	-5.144545e-01	1.132202409	0.707777392	2.428034992
## 674	-0.3668310369	2.529908e-01	1.785722582	-0.150522092	-0.274148897
## 675	1.3467338117	2.329092e-01	0.023049467	4.570125072	1.106834372
## 676	1.4077296147	2.206845e+00	-1.220659988	0.239165605	1.803771028
## 677	-0.1602856130	1.001460e+00	-0.794067702	-0.372496096	-0.733580078
## 678	1.5920105986	-1.176923e-01	0.457081131	4.570125072	1.902149599
## 679	1.0598223516	3.889355e-01	0.228892467	4.570125072	0.516815968
## 680	1.3188626406	-6.929830e-01	0.932914394	-0.249177205	1.195776348
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## 682	0.9797916521	-1.025866e-01	-0.102505378	0.757104949	1.437986430
## 683	-0.1023324667	8.930193e-01	-0.506122545	1.003742732	-0.020339005
## 684	1.6804641379	-4.757854e-01	-0.475499152	-0.377428852	2.044418790
## 685	1.1050488071	7.859097e-01	1.500755939	-0.293572006	1.394422157
## 686	-0.3510731655	1.198296e-01	0.764913918	4.570125072	-1.024030966
## 687	1.5600171651	-7.267261e-01	0.635196951	4.570125072	0.942266582
## 688	1.6200954633	1.158953e+00	-1.058087202	0.757104949	2.352447924
## 689	-0.1056807817	-4.578131e-01	0.221916427	4.570125072	-0.413228140
## 690	0.7884124086	7.124151e-01	-0.806900319	1.003742732	1.808583983
## 691	0.9771287783	7.444848e-01	2.164235522	-0.111060047	0.869410593
## 692	0.9297961363	6.309035e-01	-0.428051246	0.757104949	1.842274670
## 693	1.6766848120	6.387862e-01	-0.014997680	-0.268908228	2.535340223
## 694	-0.9612298621	4.978058e-01	-0.547233091	-0.293572006	-0.097346289
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## 696	1.0605910960	2.737336e-01	1.307719272	0.022124356	0.951942595
## 697	-0.2073613958	1.635055e+00	-0.170960325	1.003742732	0.022977592
## 698	-0.3689556498	-7.429617e-01	-1.037442951	-0.140656580	-0.766347066
## 699	1.3849903232	2.173955e+00	0.729772118	-0.337966807	2.266432908
## 700	1.6207173995	1.827336e-01	0.493157535	4.570125072	1.154281452
## 701	1.6449958675	-2.794340e+00	-0.501991317	0.071451913	0.345445593
## 702	1.6445644231	3.858106e-01	-0.480437188	0.071451913	0.499460160
## 703	-0.7129563552	1.860516e+00	-0.686280346	-0.175185870	-0.877045036
## 704	1.5980162170	-6.076163e-01	-0.444514612	1.003742732	1.519806669
## 705	1.5976493800	8.566434e-01	1.173220455	-0.323168540	2.956352267
## 706	-1.1503823434	-2.345845e-01	-0.179926278	-0.268908228	-0.891483902
## 707	1.3885288301	-6.482396e-01	-1.289583340	0.239165605	1.567936222
## 708	1.6424004717	1.332708e+00	2.108237565	-0.362630585	3.043066818

## 709	1.6328499655	-3.206866e-01	-0.605122310	-0.115992802	1.640130550
## 710	0.7923574043	4.552411e-01	-0.605402078	0.175039782	-0.929987544
## 711	-1.2219140519	-5.578071e-01	-0.618247898	0.816298017	-1.090204040
## 712	0.1453528178	-2.699169e-01	-0.003671257	-0.091329024	0.768116577
## 713	-1.2855693109	-1.297252e+00	-1.979547304	-0.288639250	-1.063330074
## 714	1.3763533628	4.763333e-02	0.639083602	-0.313303028	0.926201325
## 715	-0.7172444076	-2.458655e-01	-1.085931667	1.003742732	-0.910735723
## 716	1.3137566499	-9.281030e-01	0.078210009	4.570125072	0.533663253
## 717	0.1911514770	-1.053821e-01	0.841896102	4.570125072	-0.419884551
## 718	1.5775728419	4.053063e-01	0.168798868	-0.086396268	2.557502972
## 719	1.6829018797	4.734729e-01	-0.709571929	-0.229446182	1.842274670
## 720	1.0939138712	-1.843828e+00	-0.306344180	-0.387294363	2.534891463
## 721	1.2051320501	1.106100e-01	0.596762294	-0.283706495	0.903200088
## 722	-0.4200814457	7.017888e-02	0.288421339	-0.372496096	-0.343817643
## 723	1.1768986819	-2.080241e-01	0.260284646	-0.367563341	1.132212013
## 724	0.8871661114	5.097959e-01	-0.137103405	0.313156940	1.115518430
## 725	1.1123021066	3.256028e-01	0.007891529	-0.288639250	1.251561390
## 726	1.1010731065	2.930143e-01	0.415989852	-0.288639250	1.337928760
## 727	1.1515648968	-3.161305e-01	0.355358101	-0.303437517	1.080165941
## 728	1.1437571939	1.680474e-01	-0.435798320	0.757104949	1.187712758
## 729	1.0886620326	2.866381e-01	0.525156153	-0.367563341	1.261053028
## 730	0.4591077932	4.947884e-02	-0.344413053	0.022124356	0.261931454
## 731	1.0706251753	-7.410186e-01	0.340689129	-0.209715160	0.576602519
## 732	1.0459654478	-2.920678e-01	-0.422714111	0.757104949	1.283971863
## 733	0.7239824860	3.168301e-01	0.079716834	-0.352765074	1.008130555
## 734	0.9999602040	3.145293e-01	-0.202640929	0.313156940	1.365792102
## 735	-0.3354233060	-5.413547e-01	0.460297670	0.022124356	-0.878811817

## 736	1.1717109881	5.766646e-01	0.361188077	-0.357697829	0.536594262
## 737	0.8200441608	2.454105e-01	0.746644400	0.012258845	1.279370567
## 738	0.5993885265	1.885999e-01	0.679301987	-0.239311694	0.671413924
## 739	0.9388907424	4.492576e-01	1.019975370	-0.268908228	0.622851639
## 740	1.0166549108	-4.717000e-01	-0.041080270	-0.273840983	1.001893901
## 741	1.0766350950	1.779472e-01	-0.226076459	-0.135723825	1.423547565
## 742	0.8042122150	-3.122134e-02	0.742776509	0.022124356	0.745877489
## 743	1.2520868917	-1.118954e-01	-0.158457121	0.757104949	0.759359743
## 744	0.7755207678	4.723722e-01	0.057140005	-0.397159875	1.466588208
## 745	-0.4200814457	-5.085221e-01	0.797969882	-0.288639250	-0.864668866
## 746	1.0722704702	4.207883e-01	0.758792443	-0.342899562	1.175483118
## 747	-0.3857823908	1.621853e-01	1.241980858	-0.347832318	-0.376638422
## 748	-0.5938102871	5.254019e-01	0.631310301	-0.273840983	-0.773178357
## 749	1.1025320391	-9.478293e-02	-0.827088821	0.105981202	0.205869891
## 750	0.8841363108	-7.054652e-01	-0.142459303	-0.051866979	1.255094131
## 751	1.3050664539	7.519491e-01	0.483617574	-0.283706495	0.852622102
## 752	-0.4488560699	-8.362921e-01	0.492586768	-0.263975472	-0.789176083
## 753	1.2359461649	-4.919112e-01	-0.461430223	-0.214647915	1.019259325
## 754	-0.3279267238	2.686028e-01	0.605598611	0.707777392	-0.846352584
## 755	1.2189435546	4.058816e-01	1.006916224	-0.185051381	1.469656864
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## 757	-1.1302172896	-2.688384e-02	-0.400718969	-0.278773739	-0.516073394
## 758	-0.5015084152	5.703583e-01	-0.623928388	-0.254109961	-0.424627244
## 759	-0.7691845871	3.453040e-01	-0.220898593	-0.387294363	-0.703778648
## 760	-0.6162421903	4.620503e-01	-0.445385823	-0.175185870	-0.896296857
## 761	-0.5129015863	-1.213297e+00	-0.951928994	-0.387294363	-0.593080678
## 762	-0.3806692346	-2.627724e-01	-0.628138495	-0.362630585	-0.323555185

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## 763 -0.8225470232 -5.313048e-01 0.762418733 -0.347832318 -0.952556769
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## 774 -0.6412474161 -1.172493e+00 -0.666270072 -0.254109961 -0.155101751
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## 788 -0.5056049412 -2.179273e-01 -1.011447393 -0.362630585 -0.696440864
## 789 -0.7360644413 1.045512e+00 0.137600618 4.570125072 0.279693803
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## 790 -0.6594578774 -1.112800e+00 -0.204319599 0.431543076 -1.040685514
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## 792 -0.8926650339 7.111861e-01 0.643269226 4.570125072 -0.958427734
## 793 0.4777702140 -1.154542e+00 -0.832601203 0.175039782 -1.002181872
## 794 -0.5418035753 3.908003e-01 1.138694882 -0.288639250 -0.451311316
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## 797 -1.2848232611 1.156628e+00 0.654630205 0.214501827 0.922276830
## 798 -1.1957835009 -1.741461e-01 -1.908264932 -0.288639250 -1.017304546
## 799 1.6387823329 -2.874339e-01 0.209044509 -0.175185870 1.794145117
## 800 1.0328502710 1.876105e+00 -0.949379344 -0.051866979 1.871152401
## 801 1.4569127151 7.953119e-01 1.064400095 -0.268908228 0.836367026
## 802 1.6838566647 9.785559e-01 -0.763067644 -0.229446182 2.814491627
## 803 1.5564548832 3.711756e-01 -0.505609993 -0.298504762 0.335819682
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## 805 0.9191359788 1.621501e-02 0.881221940 -0.125858314 2.092510068
## 806 1.3642339733 1.799100e-01 0.269074456 -0.397159875 2.026156548
## 807 1.1318411760 1.852175e-01 -0.640384437 -0.347832318 3.122520761
## 808 1.4726603212 -9.556396e-01 0.886415919 -0.382361608 1.414286535
## 809 1.0520100194 8.937589e-01 0.850690140 -0.342899562 0.976913888
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## 812 -0.7129563552 1.860516e+00 -0.686280346 -0.175185870 -0.877045036
## 813 -1.0546207219 2.305699e+00 -0.887487876 -0.333034051 -0.780785932
## 814 -0.7435748357 5.917224e-01 1.463053549 -0.086396268 -0.528668491
## 815 0.5120674014 1.205740e+00 -0.107396247 0.175039782 -1.026246648
## 816 -0.7607809028 8.128775e-01 0.446467532 -0.199849648 -0.939613454
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## 817 -1.1848142467 -8.136525e-01 -1.014797670 -0.382361608 -1.045498469
## 818 -0.8883199019 3.826524e-01 0.626526730 -0.091329024 -0.547043714
## 819 -0.3213596269 -1.318478e+00 0.290839700 -0.288639250 0.940436850
## 820 -1.2215261819 7.183479e-01 -2.391461181 -0.263975472 -0.796528705
## 821 -0.9807495802 -4.898037e-01 0.588557143 -0.352765074 -0.232035443
## 822 -0.6547971099 5.617459e-01 -0.795405198 -0.046934223 0.302128996
## 823 -0.8225470232 -5.313048e-01 0.762418733 -0.347832318 -0.952556769
## 824 -1.3372892088 -1.684147e-01 -0.942783231 -0.402092630 -1.106107268
## 825 -0.1576706115 -1.661676e+00 -1.121049822 -0.219580671 0.196243980
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## 827 1.5468925199 -2.823910e-01 0.546581315 4.570125072 1.481907251
## 828 1.1867692022 7.659731e-01 0.208190598 -0.209715160 1.240667638
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## 832 1.0777670420 1.553493e-01 -0.152379812 0.022124356 1.127027671
## 833 -0.2322589914 5.371670e-01 0.700916681 0.707777392 0.851806696
## 834 1.2694417440 -1.366811e+00 0.007054404 0.707777392 0.128796860
## 835 1.4958468466 1.074395e+00 -0.019467791 1.003742732 1.221403445
## 836 0.2395316818 4.230663e-01 0.059374702 -0.086396268 1.122926516
## 837 0.1625878312 5.061527e-02 -0.343553145 -0.328101295 -0.212857214
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## 842 -1.1790478695 1.895296e+00 -2.216558253 -0.263975472 -0.927588563
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## 844 -0.9404324587 1.070303e+00 -2.314770927 -0.219580671 -0.598017042
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## 848 -1.3231953436 -1.318947e+00 -0.744579623 -0.387294363 -0.995514850
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## 854 -0.2231198822 -2.035123e-01 0.225070810 4.570125072 -0.696668150
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## 873 -0.2314227880 5.293317e-01 -0.121571689 0.007326089 -0.116598110
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## 877 -1.2549760022 1.959024e+00 0.378678005 4.570125072 0.201446333
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## 898	1.2252125816	8.967568e-01	0.441836079	-0.086396268	2.234954668
## 899	1.4226171795	3.811520e-01	0.802322931	4.570125072	1.311071836
## 900	1.0907945041	3.094594e-01	0.814151868	4.570125072	0.780683926
## 901	1.6581038359	-6.054767e-01	0.749067547	-0.120925558	1.175866823
## 902	1.0026441784	1.002624e+00	1.443954442	-0.392227119	1.169740330
## 903	-0.6972830987	-1.718345e-01	0.969866746	-0.125858314	-0.235908737
## 904	0.5625720534	-5.552702e-02	-0.511096959	-0.337966807	-0.044084249
## 905	0.6595399833	6.814318e-01	-0.443067082	-0.209715160	-0.087720378
## 906	0.4572181754	-6.362980e-03	0.362859089	-0.362630585	0.752105433
## 907	1.4300009651	7.444848e-01	-1.299741413	-0.333034051	1.933720819
## 908	1.4592311372	-4.388294e-01	-0.635737826	0.757104949	1.741202610
## 909	-0.1509122937	9.495242e-01	0.693496712	-0.347832318	-0.238073809
## 910	1.6731017145	-1.100224e-01	-0.633936039	-0.318235784	0.331006727
## 911	1.6343672638	-3.590243e-01	-0.187006337	1.003742732	1.221403445
## 912	-0.5803037562	2.709940e+00	0.357949202	4.570125072	-0.756964849
## 913	-1.0679162846	2.267127e-01	-0.768807312	-0.382361608	-1.122505753
## 914	-0.1753244928	8.093581e-01	-0.303586759	0.313156940	0.220308757
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## 916	0.7883088368	-9.867848e-01	-0.239445233	-0.180118626	0.985568638
## 917	0.7517001975	-4.078125e-01	1.090948991	-0.347832318	-0.505054260
## 918	1.1077729178	3.065012e-02	-0.442400489	-0.298504762	1.375418012
## 919	-0.1836456126	-2.498818e-01	-0.158606552	-0.175185870	-0.145475841
## 920	1.5073130394	-4.381308e-01	-0.364635770	1.003742732	1.779706252
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## 922	1.6174339208	-7.648779e-01	0.450843655	4.570125072	0.616629331
## 923	0.0201339677	-5.034140e-01	1.162809783	0.022124356	-0.462123524
## 924	0.5856893312	-3.307975e-01	-1.194236607	-0.268908228	1.452425296

## 925	0.2572816368	-5.470745e-01	-0.290633046	0.757104949	0.975942728
## 926	0.6754322914	-1.097109e+00	-1.393564188	-0.219580671	1.192525713
## 927	1.3983525153	4.661950e-01	-0.751455460	-0.298504762	0.995194549
## 928	-0.7480382492	2.152590e-01	0.088855475	1.003742732	-0.703778648
## 929	1.3811460091	-3.262831e-01	1.116709787	-0.308370273	1.062763614
## 930	1.6116215817	-2.394261e-01	-0.026676800	-0.283706495	1.695891455
## 931	1.5363803379	-9.600254e-01	-0.621456552	-0.214647915	2.405390432
## 932	1.2011492733	6.522350e-01	1.990342494	-0.342899562	1.120749903
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## 934	-1.0974415171	1.752694e+00	-2.006362142	-0.263975472	-0.835417195
## 935	0.7342262779	1.430576e+00	1.901467748	-0.357697829	-0.103201540
## 936	1.6459058182	1.068748e+00	0.444201866	-0.392227119	1.630504640
## 937	0.5040726114	-8.862509e-01	1.528897985	-0.352765074	-0.422439538
## 938	1.4443258477	-2.491381e+00	-0.448213948	-0.120925558	-0.795224797
## 939	0.0347184804	4.851456e-01	-0.816131493	-0.120925558	-0.954052320
## 940	0.3335264769	-6.067323e-02	-0.086690681	-0.135723825	0.124049652
## 941	0.5752066243	5.479590e-01	1.618358387	-0.352765074	0.765600793
## 942	0.2220604863	-2.667883e-01	1.770876284	-0.323168540	-0.288889324
## 943	1.5435364827	-6.641507e-01	0.799957144	-0.268908228	2.323807870
## 944	-0.3608304543	6.575604e-01	0.750630477	4.570125072	-0.638245370
## 945	1.5682552465	-6.404319e-01	0.311701071	-0.259042716	1.032989535
## 946	1.5440469543	-1.825054e-01	0.929286854	-0.357697829	1.998559103
## 947	0.9131316284	-3.265936e-01	0.699542613	1.003742732	1.798958073
## 948	1.4708984185	-1.003745e-01	0.062304639	4.570125072	-0.251286484
## 949	-0.6522297072	-1.122096e+00	0.819065426	4.570125072	-0.487255451
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## 952	0.0752811725	6.127110e-01	1.469363641	-0.239311694	0.019684932
## 953	0.8953510600	1.489208e-01	1.568459516	-0.239311694	1.244628905
## 954	1.3300279784	-1.107951e+00	0.033119425	4.570125072	1.410051556
## 955	1.0581523720	-7.210062e-01	0.686399349	-0.263975472	1.506712985
## 956	1.1423417309	1.623458e+00	1.070773623	0.199703560	0.354504685
## 957	-0.9933891381	1.489608e+00	0.789519846	4.570125072	-0.903735061
## 958	-0.7681315213	-7.792074e-01	1.079905387	-0.328101295	0.927856341
## 959	-1.2469985395	-4.157304e-01	-1.641732581	0.816298017	-1.108715050
## 960	-1.1825067895	-1.724374e+00	-0.418988668	-0.333034051	-0.801642071
## 961	-0.3604612044	-8.308478e-01	1.409935990	-0.155454847	0.469254392
## 962	0.0200564339	4.818501e-02	-0.429271358	1.003742732	-0.747095245
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## 994	0.9851743848	-1.378163e-01	-0.007472173	-0.382361608	1.693432233
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## 1159 0.3867883608 -1.029963e+00 -0.042387266 0.007326089 0.475395384
## 1160 1.6609165981 7.382715e-01 1.191635016 -0.268908228 1.432584240
## 1161 1.4722965958 4.621568e-01 0.634136956 -0.411958142 2.477954988
## 1162 1.4727802912 8.858319e-01 -0.674522937 -0.337966807 0.634222907
## 1163 1.4569127151 7.953119e-01 1.064400095 -0.268908228 0.836367026
## 1164 1.6771070199 1.049395e-02 -0.579970221 -0.303437517 1.139583206
## 1165 0.7185720041 -7.666477e-01 0.878559481 -0.278773739 -0.105299612
## 1166 0.9260873958 -3.135250e-01 0.435530725 -0.278773739 0.363552747
## 1167 0.6941313122 1.258270e+00 0.724104086 -0.372496096 1.912018993
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## 1168  0.5934631659 -1.313023e+00 -0.010472896 -0.333034051  2.177806406
## 1169  1.6257562233 -1.252966e+00  1.105890806 -0.357697829  2.363066984
## 1170  1.6518380980 -1.495605e+00  0.131761373 -0.303437517  2.926160451
## 1171 -1.2215261819  7.183479e-01 -2.391461181 -0.263975472 -0.796528705
## 1172 -0.8883199019  3.826524e-01  0.626526730 -0.091329024 -0.547043714
## 1173 -1.1604613042  4.950125e-01 -0.429811215 -0.367563341 -0.877045036
## 1174 -0.8014733553 -1.157307e+00  1.089038163 -0.377428852  0.138530552
## 1175 -0.1550920661  6.734912e-01  1.462301294 -0.337966807 -0.686051428
## 1176 -0.7880830942 -9.806203e-01 -0.276336950 -0.337966807 -0.260249930
## 1177 -0.0331291793 -4.038895e-01  1.201546389 -0.185051381  0.609028053
## 1178 -1.0405809869  7.088456e-01 -0.690042218 -0.411958142 -0.911125962
## 1179 -0.7992247152  3.413298e-01  0.540835625  0.007326089 -0.747095245
## 1180 -0.8652657029  6.861559e-02  0.741274076 -0.313303028  0.327179558
## 1181 -0.7874765564 -2.166195e-01 -0.364418289 -0.254109961 -1.011807783
## 1182 -0.6279742970 -8.209318e-01  0.563799710 -0.091329024 -0.730423214
## 1183 -1.1172004488 -1.794868e+00 -0.387991456 -0.352765074 -0.492008618
## 1184 -0.1268849119  5.349613e-01  0.743838092 -0.239311694 -0.395174832
## 1185  0.6084443698 -7.876543e-01  1.599641560 -0.293572006  1.031358190
## 1186 -1.1398528421 -1.271685e-01  1.160698930 -0.086396268 -0.288424936
## 1187  1.4540306535 -1.239761e+00  2.075872082 -0.293572006  2.003942625
## 1188  1.1396474869  3.852723e-01 -0.171967438  0.071451913 -1.045498469
## 1189  1.3828267790  1.984777e-01  0.811704502 -0.392227119  2.247234172
## 1190  1.4132730541 -6.796692e-01 -0.257549815 -0.273840983  1.571828037
## 1191  1.6532768213  3.710190e-01 -0.492136311  0.071451913  0.874870668
## 1192  0.9404467046 -2.968207e+00 -0.468383220  4.570125072  0.336473707
## 1193  0.4575629487  3.662251e-01  1.212668588 -0.111060047 -0.329879849
## 1194  1.1656607735 -7.623466e-01  0.495630858  4.570125072  0.993829172
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## 1195	1.3748180508	1.551195e-01	-1.043976631	-0.219580671	2.289879506
## 1196	1.0529906167	2.523171e+00	-0.858336912	0.757104949	0.879683623
## 1197	1.1944075297	-1.684718e+00	0.787673248	4.570125072	0.963861382
## 1198	-0.1123324925	-1.179166e+00	-0.659057730	-0.372496096	-1.122505753
## 1199	0.0463094561	-6.291929e-01	-0.984114082	-0.101194535	0.249186488
## 1200	0.7900841256	-1.962800e-01	0.550043968	-0.313303028	0.258932249
## 1201	1.6817236930	5.696738e-01	-0.771023927	-0.347832318	3.136959627
## 1202	1.0541190004	1.438425e+00	-1.044971189	-0.032135956	1.673821237
## 1203	-0.6710356462	1.658057e+00	0.814151868	-0.268908228	2.370904635
## 1204	-0.3234963650	-1.260118e+00	0.324060335	-0.367563341	0.310892536
## 1205	0.5453265617	1.650494e-01	1.812852112	-0.268908228	0.030598105
## 1206	0.4380153646	5.043188e+00	0.489508551	0.115846714	-0.977041929
## 1207	0.1227107414	-2.923366e-01	0.876144089	-0.382361608	-0.169855406
## 1208	-0.8386818576	-7.378131e-01	0.840078966	-0.392227119	-0.629375094
## 1209	1.0126086516	-1.732407e-01	-0.412967459	-0.120925558	-0.814476618
## 1210	0.6879886892	4.857538e-01	1.295793547	-0.214647915	0.621666068
## 1211	1.6257562233	-1.252966e+00	1.105890806	-0.357697829	2.363066984
## 1212	1.0989272550	-1.185151e+00	-0.068828739	0.757104949	1.837461715
## 1213	0.0389149649	-9.994404e-01	1.220885314	0.012258845	0.101126933
## 1214	-0.7676391694	9.948353e-01	-0.304774571	0.313156940	-0.386123603
## 1215	1.6582690657	9.850040e-01	1.217222893	-0.397159875	1.418734609
## 1216	-1.1607306624	1.293643e+00	-0.493127643	1.003742732	-0.857793215
## 1217	1.1399325767	-7.746972e-01	0.463041188	-0.268908228	1.271438125
## 1218	1.0202290845	-2.970440e-01	-0.576639439	-0.323168540	-0.968491186
## 1219	0.0568064906	1.613543e+00	-1.057497610	-0.283706495	1.000007504
## 1220	1.5946531000	8.731442e-01	0.907396522	-0.362630585	2.313445938
## 1221	1.4873577378	1.000046e+00	0.316357572	4.570125072	1.226583684

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## 1222  1.5511070143 -4.871943e-01  1.426936737 -0.293572006  2.171694717
## 1223  1.4669176924  4.841189e-01  1.404067909 -0.372496096 -0.353631162
## 1224 -0.9794306712 -2.612758e-01  0.222881199  0.214501827 -0.661819862
## 1225  0.0759659306  4.549079e-01  1.905234809 -0.219580671  0.031581371
## 1226 -1.1227762290 -1.053821e-01 -0.849113376  1.003742732 -1.045498469
## 1227 -1.3285878405 -1.021691e-01 -0.588887929 -0.372496096 -1.122505753
## 1228  1.5392019383  8.633396e-01  0.473751461  4.570125072  0.650688280
## 1229 -0.6581502817 -1.638020e+00  1.313806163 -0.263975472 -0.926294149
## 1230  1.5167183344  1.940855e+00  0.781483868 -0.362630585  1.833427735
## 1231  0.4756905744 -6.931966e-02  0.897545873  0.707777392  0.128796860
## 1232 -0.3270837023 -7.236665e-01 -0.338409048 -0.150522092  0.063717557
## 1233  1.6824920025  3.301722e-01  1.161735840 -0.268908228  1.819006553
## 1234 -0.1970354359 -4.842135e-01  0.681836760 -0.259042716  0.788309309
## 1235  1.6169423911  4.475682e-01  0.987690971  0.071451913 -0.106972199
## 1236 -0.5881243910 -1.202712e+00 -0.950111496 -0.229446182 -0.915548678
## 1237  0.9968672223 -1.152767e+00 -1.639865465 -0.382361608  0.071107144
## 1238  1.4082484237  8.346218e-01  0.758792443 -0.323168540  1.887000212
## 1239  1.2179900996 -8.978011e-01 -0.914577113 -0.120925558 -0.766347066
## 1240  0.9318117369 -5.810156e-01  0.258191834  4.570125072 -0.177103833
## 1241  1.2456065999  1.246270e+00  0.798485231 -0.328101295  1.657037388
## 1242  1.6532768213  3.710190e-01 -0.492136311  0.071451913  0.874870668
## 1243  0.1389763964 -3.766123e-01  0.408435261 -0.337966807  0.655528664
## 1244 -0.9188595042 -3.220815e-01  0.687947499 -0.328101295 -0.917699147
## 1245  0.4253187051  9.185019e-01  0.943797016 -0.204782404 -0.607280780
## 1246 -0.3483967972  1.601703e+00  1.206534603  0.012258845 -0.762237759
## 1247  0.1892754260  1.042794e+00 -0.567527107 -0.259042716 -0.958865275
## 1248  0.2251000724  4.962989e-01  0.187981370  4.570125072  0.437248257
```



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## 1249 -0.7167772386 3.211443e-02 1.094599063 -0.392227119 -0.821046354
## 1250 -0.0057209892 -1.444172e+00 -0.884483471 0.757104949 0.547589712
## 1251 1.0665902844 -1.040141e+00 0.700879395 0.707777392 2.644373525
## 1252 1.6223463381 1.028794e+00 -0.811050798 -0.263975472 0.119236697
## 1253 -1.2972473907 3.384180e-01 -0.441655625 0.816298017 -0.871667695
## 1254 0.7906519955 5.769070e-01 -0.165150913 -0.387294363 -0.578641812
## 1255 1.1271726036 -5.921102e-01 -0.206217731 0.757104949 1.760454431
## 1256 -0.9916922546 -2.841899e+00 -0.976275642 -0.397159875 -0.843354350
## 1257 1.6581535981 -3.424135e-01 -0.234726925 -0.293572006 1.154022072
## 1258 1.2903582468 5.523614e-01 0.269074456 -0.185051381 1.036576968
## 1259 1.6600271792 9.693895e-01 -0.824575125 -0.323168540 0.523524936
## 1260 -0.0332396796 5.374339e-01 -0.608810423 -0.333034051 0.234747622
## 1261 0.3627832836 8.124307e-01 0.731167326 -0.263975472 0.397776931
## 1262 -0.5392706216 -3.907114e-01 -0.022244963 -0.333034051 -0.329783715
## 1263 0.9992495570 -1.814262e+00 0.827929100 -0.273840983 1.010249290
## 1264 0.4023727773 3.336268e-01 -0.606976611 -0.135723825 -1.002181872
## 1265 -0.9672630464 -3.135115e+00 0.822369866 -0.229446182 -0.478734671
## 1266 -0.0176055242 -1.316684e-01 0.634136956 4.570125072 -0.298749954
## 1267 1.5141183113 6.127110e-01 -0.517633795 1.003742732 1.770080341
## 1268 1.6710012906 1.162984e+00 -0.696369577 -0.214647915 1.630504640
## 1269 0.9851311010 1.616538e+00 -0.561787542 0.757104949 1.789332162
## 1270 1.1656607735 -7.623466e-01 0.495630858 4.570125072 0.993829172
## 1271 -1.1227762290 -1.053821e-01 -0.849113376 1.003742732 -1.045498469
## 1272 -0.8977499162 1.325465e+00 -2.204001382 -0.022270445 -0.366184217
## 1273 0.8371951955 -7.606735e-01 -0.683114509 -0.323168540 0.355071503
## 1274 1.6714264582 3.828179e-01 -0.253291398 -0.268908228 2.727858432
## 1275 0.1899884064 7.402765e-01 0.936442745 -0.096261780 1.200989876
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## 1276	0.9199919924	3.489822e-01	1.627117727	-0.219580671	1.100295046
## 1277	1.6878865159	-1.528520e+00	-0.520221626	-0.293572006	1.462051206
## 1278	1.6827508301	4.692536e-01	-0.883822810	-0.229446182	1.514993714
## 1279	1.3504310547	1.052605e+00	0.305099687	4.570125072	1.694646671
## 1280	0.5249021815	1.129238e-01	4.391495362	-0.333034051	0.178756070
## 1281	1.2340786428	1.851334e-01	0.132950051	0.105981202	0.749733832
## 1282	1.6878865159	-1.575209e+00	-0.548935961	-0.214647915	2.342822014
## 1283	-1.1254421692	1.322825e+00	-1.320710605	-0.357697829	-0.939613454
## 1284	1.6878865159	-8.678362e-01	1.176942345	-0.175185870	1.158835027
## 1285	1.2116329182	2.859908e+00	-0.059915577	1.003742732	0.586093354
## 1286	-0.7887466077	-3.025474e-01	-0.361586758	-0.155454847	0.289919218
## 1287	0.5931331337	1.065975e+00	0.037000970	-0.096261780	1.793118122
## 1288	1.4927625032	2.471296e-01	-0.326880317	-0.259042716	1.327567472
## 1289	0.0718943959	-8.075176e-01	0.849316071	-0.367563341	-0.841969200
## 1290	1.5582361277	-1.198080e+00	-1.036441296	-0.337966807	0.446517653
## 1291	-1.0018423889	1.696930e+00	1.415516822	-0.342899562	0.466616137
## 1292	1.5458546546	-3.791490e-01	-0.389037787	1.003742732	1.851900580
## 1293	0.4984334132	-4.622326e-01	-0.533821208	0.816298017	-0.235624115
## 1294	1.0919812950	-1.143486e+00	2.505453266	-0.086396268	1.688479496
## 1295	-0.1437896584	1.065820e-01	-0.636730163	-0.372496096	-1.122505753
## 1296	-0.1105372776	-1.206590e+00	0.962654690	-0.254109961	-0.420616448
## 1297	0.4667189236	1.034240e+00	1.455280248	0.115846714	0.514458672
## 1298	-1.2229520483	1.078904e-01	-1.822309421	-0.283706495	-0.891747626
## 1299	0.5881240585	-4.779670e-03	-0.671905569	0.757104949	1.399482788
## 1300	0.8630729131	-4.461075e-01	-1.052520636	-0.278773739	1.803771028
## 1301	0.9037972322	-5.850721e-01	0.713228938	-0.254109961	0.960550042
## 1302	-0.7049980946	1.189727e+00	-0.432076162	1.003742732	-0.087720378

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## 1303  0.1164996695 -1.563611e+00 -0.732758690 -0.150522092 -0.544951125
## 1304  0.7069523795  9.138196e-01 -0.483805117 -0.051866979  1.360979147
## 1305 -0.7987919634 -4.092041e-03  1.279237834 -0.342899562 -0.404154226
## 1306  0.3099906453  2.313405e+00 -0.732165897 -0.244244449 -1.122505753
## 1307  1.3660796890  8.528491e-02 -0.798789439 -0.071598001  1.048137057
## 1308  1.0548055565  7.959663e-01  1.766352785 -0.170253114  0.328493558
## 1309  1.1147439799  7.418227e-01  0.057232329 -0.323168540  0.005027266
## 1310  1.3919856164  1.842701e+00  0.210308297 -0.229446182  1.439523648
## 1311  1.3199916357  1.726764e+00 -0.729612155 -0.180118626  0.210682846
## 1312 -1.3397048402 -6.205822e-02  0.362606179 -0.411958142 -1.039625835
## 1313  1.5245557414  2.047657e+00 -0.051962892  4.570125072  1.865984460
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## 1315  0.7059000276  3.316632e-01  1.734147435 -0.313303028 -0.151992147
## 1316  1.0035319730  5.857105e-01  0.273031773  0.707777392  2.587622396
## 1317  0.8847498304 -5.662748e-02  0.450489904 -0.278773739  0.326556037
## 1318  1.3437642517 -5.563796e-01  0.405107230  4.570125072  0.197522447
## 1319  0.3524844546 -7.561840e-01 -0.990545052 -0.283706495  0.788237474
## 1320  1.4553608916  2.006993e-01  1.080607121 -0.229446182  0.978925405
## 1321  1.2051320501  1.106100e-01  0.596762294 -0.283706495  0.903200088
## 1322  0.5099868199 -2.212310e-01  0.102457761  0.115846714  0.612112630
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## 1325 -0.4390051283  8.343329e-02 -0.127627402 -0.288639250 -0.588267722
## 1326  0.6973048176  2.764109e-02 -0.137103405  0.757104949  1.144396161
## 1327  1.1010731065  2.930143e-01  0.415989852 -0.288639250  1.337928760
## 1328  1.1280568276 -3.480968e-01 -0.070131337 -0.120925558  1.081321116
## 1329 -0.6715598870  8.012530e-02  0.856736041  0.022124356 -0.897901176
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## 1330  0.8583381084 -2.095266e-01 -0.274860349 -0.209715160  0.557215623
## 1331  1.1515648968 -3.161305e-01  0.355358101 -0.303437517  1.080165941
## 1332  1.1802370307  5.798860e-01  0.645885241 -0.318235784  0.992149445
## 1333  1.1437571939  1.680474e-01 -0.435798320  0.757104949  1.187712758
## 1334  1.0886620326  2.866381e-01  0.525156153 -0.367563341  1.261053028
## 1335  0.4591077932  4.947884e-02 -0.344413053  0.022124356  0.261931454
## 1336 -0.2231198822 -4.483793e-01 -0.434621909 -0.372496096 -0.910735723
## 1337  1.2545306279 -6.422036e-02  0.838435668 -0.259042716  0.455796683
## 1338  1.0833644684  1.045558e-01 -0.209760910  0.313156940  0.831554071
## 1339  1.0706251753 -7.410186e-01  0.340689129 -0.209715160  0.576602519
## 1340 -0.8342609155  5.120649e-01 -0.651054450 -0.249177205 -0.593080678
## 1341  1.0459654478 -2.920678e-01 -0.422714111  0.757104949  1.283971863
## 1342 -0.7077803448  4.321735e-01 -0.076060126 -0.392227119 -0.391649588
## 1343  0.8768892602  4.636220e-02  0.509329263 -0.367563341  0.852316685
## 1344 -0.6918732298 -5.841108e-01 -0.351776120 -0.185051381 -0.881857991
## 1345  0.5457428608 -6.484520e-01 -0.024756337 -0.273840983  1.030227624
## 1346 -0.5803508920  6.212539e-02  0.637328340 -0.214647915 -0.553701953
## 1347  1.1627088251 -8.542916e-01  0.251448482 -0.337966807  0.784795391
## 1348  0.7239824860  3.168301e-01  0.079716834 -0.352765074  1.008130555
## 1349 -0.6991068803 -2.172927e-01 -0.157599377 -0.352765074 -0.732656379
## 1350 -1.0266650775 -2.711222e-01  0.603433633  0.214501827 -0.584587227
## 1351  0.9979821878 -5.016222e-01  0.222614031 -0.283706495  0.464279123
## 1352 -0.9406733227 -9.570153e-01  0.035151958 -0.209715160 -0.795224797
## 1353  0.9999602040  3.145293e-01 -0.202640929  0.313156940  1.365792102
## 1354 -0.3354233060 -5.413547e-01  0.460297670  0.022124356 -0.878811817
## 1355  0.9260873958 -3.135250e-01  0.435530725 -0.278773739  0.363552747
## 1356  1.1717109881  5.766646e-01  0.361188077 -0.357697829  0.536594262
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## 1357  0.8200441608  2.454105e-01  0.746644400  0.012258845  1.279370567
## 1358 -0.6120717370 -4.776220e-01 -0.421972038 -0.155454847 -0.496821573
## 1359  0.5993885265  1.885999e-01  0.679301987 -0.239311694  0.671413924
## 1360  1.0166549108 -4.717000e-01 -0.041080270 -0.273840983  1.001893901
## 1361 -0.9868336777  6.127110e-01 -0.424502880 -0.392227119 -0.886670947
## 1362 -0.4674888218 -2.234983e-01 -1.056158941 -0.397159875 -0.655649096
## 1363 -0.5166467394 -3.026707e-01 -0.358140358 -0.382361608 -0.516073394
## 1364 -0.6495165880  4.672951e-01 -0.418142063 -0.387294363 -0.808446684
## 1365 -0.8995311482 -1.680429e-01 -1.054188524 -0.397159875 -0.636397275
## 1366 -1.1387159418  1.681091e-02 -0.567735967 -0.342899562 -0.935429755
## 1367 -0.7560827643 -6.368463e-01 -0.692508849 -0.254109961 -0.737469335
## 1368 -0.4235672897  2.056391e-01 -0.982106991 -0.402092630 -0.082907423
## 1369 -0.5925740702 -2.537679e-01 -0.317404292 -0.185051381 -0.708591603
## 1370 -0.9427584884  2.253760e-01 -0.908180834 -0.387294363 -0.747095245
## 1371 -0.9188595042 -3.220815e-01  0.687947499 -0.328101295 -0.917699147
## 1372 -1.0620160413  2.401550e-01 -0.463645004 -0.402092630 -0.862606171
## 1373 -0.9300408496 -8.024180e-01 -0.025965517 -0.397159875 -0.640300408
## 1374 -0.5028899733 -7.855836e-01 -0.496755885 -0.397159875 -0.780785932
## 1375 -0.7896044984  8.211595e-01 -0.612417922 -0.392227119 -0.925174589
## 1376 -0.9126227171 -4.984962e-01 -0.717357491 -0.219580671 -1.002181872
## 1377 -0.6118753564  2.827095e-01 -1.219284134 -0.214647915 -0.891483902
## 1378 -0.5344710956  5.767862e-01  0.849638679 -0.372496096 -0.761953358
## 1379 -0.9876965197  1.594466e-01 -0.720073967 -0.392227119 -0.965072638
## 1380 -0.6562567259 -5.085221e-01 -0.712190084 -0.254109961 -0.766347066
## 1381 -0.4674888218 -2.234983e-01 -1.056158941 -0.397159875 -0.655649096
## 1382  0.5996617233  2.389667e-01 -1.478857576 -0.402092630 -0.482382707
## 1383 -0.9419388026  1.483982e+00  0.196782753 -0.411958142 -1.073293532
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## 1384 -0.8517733631 1.032483e+00 -0.656586999 -0.249177205 -0.833728439
## 1385 -0.4165362684 -3.284743e-02 -0.389088715 -0.283706495 -0.968491186
## 1386 -0.9149780523 -9.972962e-01 -1.989564263 -0.219580671 -0.636582388
## 1387 0.3053817506 9.753226e-01 -0.392672671 -0.283706495 -0.954052320
## 1388 -0.8617549130 9.259968e-01 -0.958429492 -0.411958142 -0.903196217
## 1389 -0.3081098098 -1.800568e+00 -0.595483565 -0.288639250 -0.862606171
## 1390 0.5327439974 7.789691e-02 1.542341224 -0.382361608 -0.312497632
## 1391 -0.0329632822 1.445038e-01 -0.102967708 -0.392227119 0.214426256
## 1392 -1.3627108535 1.694342e+00 -0.606139486 -0.411958142 -1.122505753
## 1393 -1.0298657895 6.351567e-03 2.743918163 -0.239311694 0.052798878
## 1394 -1.1212052285 3.168301e-01 0.493981976 -0.372496096 -1.059898205
## 1395 0.2963126474 -3.795035e-01 1.591313022 -0.313303028 -0.728224110
## 1396 -0.7810103362 -5.346352e-01 1.150566833 -0.249177205 -0.145547676
## 1397 -0.8612427928 1.974574e+00 -1.209117617 0.002393334 -0.670087961
## 1398 0.3076858499 -3.264193e-01 0.482245815 -0.150522092 0.348812168
## 1399 1.2630122305 1.973238e-01 0.670176807 -0.239311694 0.750800176
## 1400 1.0706251753 -7.410186e-01 0.340689129 -0.209715160 0.576602519
## 1401 0.6170645822 6.416953e-01 -0.757127381 -0.298504762 0.634222907
## 1402 0.8162872675 1.086121e+00 -0.024756337 -0.249177205 0.449071466
## 1403 1.5700703417 -8.858750e-01 -0.173712225 4.570125072 0.607904573
## 1404 1.6207173995 1.827336e-01 0.493157535 4.570125072 1.154281452
## 1405 0.7046599536 8.946090e-01 0.718610455 -0.303437517 -0.245115307
## 1406 0.2985055358 2.963235e-01 0.789519846 -0.382361608 0.823401984
## 1407 1.3746918527 -9.211359e-01 0.105835126 -0.392227119 2.483840254
## 1408 0.8337192525 -2.881197e-01 -0.844315060 -0.180118626 1.187712758
## 1409 1.5791131900 1.130623e+00 1.242936405 -0.357697829 1.974600911
## 1410 1.3392468166 1.779472e-01 0.700028392 -0.357697829 0.492579895
```

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## 1411 -0.2566463102  1.900053e+00  1.191806243 -0.342899562 -0.513863554
## 1412  0.1119134563 -2.365951e-01  0.913514938 -0.382361608 -0.602409390
## 1413 -0.7586321665 -7.934559e-01 -0.809240932 -0.175185870 -0.828915484
## 1414 -0.7596857921 -1.369003e+00 -0.904236175 -0.298504762 -0.795224797
## 1415 -0.1320297632 -1.418667e+00 -0.373080554 -0.288639250 -0.703778648
## 1416 -1.2855101532  5.473631e-01 -0.894085784 -0.357697829 -1.069616135
## 1417 -0.3561511359  8.492337e-02  1.207220483 -0.263975472 -0.874854273
## 1418 -1.0405809869  7.088456e-01 -0.690042218 -0.411958142 -0.911125962
## 1419 -1.0430374765 -5.353780e-01  0.290839700 -0.377428852 -0.943696271
## 1420 -1.1832639495  4.038539e-01 -0.974269934 -0.382361608 -0.934800499
## 1421  0.2553056297  7.396683e-01 -0.673632671  0.175039782 -1.040685514
## 1422  0.1952304101  5.298183e-01  0.827436674 -0.185051381  0.609028053
## 1423 -0.5912140710 -1.413833e+00  1.694697931 -0.249177205 -0.739173035
## 1424 -0.7760575133 -1.919864e+00  0.931554067 -0.352765074 -0.886190439
## 1425  1.6813401696 -3.473148e-01 -0.308297126 -0.268908228  1.900030133
## 1426  1.6532768213  3.710190e-01 -0.492136311  0.071451913  0.874870668
## 1427  1.2899825112 -3.752741e-01 -1.020075411 -0.219580671  1.659382371
## 1428 -1.2422090863  6.570009e-01 -0.612417922 -0.411958142 -0.641210230
## 1429 -0.4746663363  5.552894e-01 -1.000111329  0.757104949  0.350258548
## 1430 -0.0119945484  7.410450e-01  0.227098628  0.199703560  0.354504685
## 1431  0.2419386298 -8.508916e-02  0.367018053 -0.323168540  0.836918709
## 1432  1.0402736665 -1.013808e+00  0.155289716 -0.096261780  1.837013303
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## 1434 -0.1981674594  7.895030e-01  0.799122160 -0.293572006  0.209959180
## 1435  1.6010102686 -6.526676e-01  0.677007890  4.570125072  0.163118806
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## 1442 -1.3195420228  1.818566e+00 -0.812757099 -0.411958142 -1.122505753
## 1443 -1.3112239781 -3.760557e-01 -0.095569503 -0.402092630 -1.102154991
## 1444 -0.3251694192 -9.230260e-01  0.364027824 -0.303437517  0.062502164
## 1445 -0.2785524747 -1.386042e-02 -0.664654507 -0.214647915 -0.386123603
## 1446 -0.8617549130  9.259968e-01 -0.958429492 -0.411958142 -0.903196217
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## 1448 -0.4670608532 -2.808103e-01 -1.189670043 -0.051866979 -0.660462051
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## 1459 -0.0075198288 -6.544074e-01 -0.716297495 -0.209715160  0.109610786
## 1460  1.6726335291 -5.057190e-01  0.229553355 -0.303437517  2.565032086
## 1461  1.2421126046  9.877714e-01  1.153534821 -0.387294363  2.001836372
## 1462  0.0153824140  4.403633e-02  1.241380437 -0.298504762 -0.040078068
## 1463  1.3238234554 -7.899839e-01  0.952416585 -0.362630585  1.792112555
## 1464  1.4452840179 -4.326349e-01  0.841896102 -0.273840983  1.055619972
```



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## 1465  1.4963262416  1.110604e-01  1.394651229 -0.377428852  2.255531149
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## 1472 -1.0615485116  5.384831e-01 -0.675004495 -0.046934223  0.836367026
## 1473 -0.0212561162 -9.270053e-02  1.129983199 -0.382361608 -0.377490716
## 1474 -1.0181530239 -2.675960e-01 -0.525861734 -0.347832318 -0.665705325
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## 1484 -1.2344147025  7.454427e-01 -1.139166267 -0.411958142 -1.016620738
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## 1486  1.2194877072  4.449675e-01  3.753599785 -0.111060047  1.395787995
## 1487  1.5913126700  3.350127e-01 -0.526774403 -0.194916893  0.720856101
## 1488  1.2156962917  4.825475e-01  0.473123617  0.115846714  1.002419294
## 1489  0.8234393401  5.660952e-01  2.320707803  0.022124356  1.140033015
## 1490  0.2759411885 -8.038143e-01 -0.058107789  1.003742732  0.845992937
## 1491  0.7137461795  7.564979e-02  2.497720877 -0.273840983  0.872052271
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## 1492  1.6733367670 -3.017446e-01 -0.237626278 -0.249177205  2.126239028
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## 1494 -0.7963132963 -4.281731e-01 -2.733934884 -0.337966807 -0.150191565
## 1495  1.6878865159 -1.963327e+00 -1.130912890 -0.115992802  1.500554848
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## 1497  1.4756710468  2.279936e+00 -0.251931070 -0.411958142 -0.351551826
## 1498 -1.3251264917 -1.180802e+00 -0.485692653  0.816298017 -1.103631419
## 1499  1.4690095746  4.534926e-01 -1.115783040  0.175039782  0.080733055
## 1500  1.4097933856 -3.463074e-02  0.040539395  4.570125072  1.245157708
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## 1502 -0.3657279144  1.764318e-02 -1.310930401 -0.382361608  0.099984876
## 1503 -0.6240674227  8.190397e-01  1.865321896 -0.185051381 -0.823222854
## 1504  1.2101420666 -4.646239e-01  0.029774211  0.757104949  2.082922431
## 1505 -1.1140938873  8.942542e-01 -0.521569602 -0.397159875 -1.053139436
## 1506 -0.5089989031  5.332206e-01 -2.046945361 -0.347832318  0.353736818
## 1507  0.5980684220  7.062839e-01 -0.723149033 -0.214647915  1.375418012
## 1508  0.6655017802 -1.266153e+00  1.089935083  0.115846714  0.022197113
## 1509  1.1133160087 -1.177008e+00  0.874225969 -0.367563341  0.348647888
## 1510 -1.2277713175 -1.372917e+00  0.442588370 -0.293572006 -0.446574646
## 1511 -1.2481344265 -6.208209e-01 -1.152293245 -0.382361608 -1.088611702
## 1512  0.4122915607 -1.866386e+00 -1.057104371 -0.022270445  1.856942724
## 1513 -0.0949301286 -4.939606e-01  0.731349310  0.022124356 -0.235908737
## 1514  1.5385565748  1.357586e+00 -0.803881958 -0.249177205  1.024072280
## 1515  1.6777178580  4.461959e-02 -0.603814828 -0.175185870  1.110705475
## 1516  0.2395316818  4.230663e-01  0.059374702 -0.086396268  1.122926516
## 1517  1.5867860267  6.017252e-02 -0.519138305  0.071451913  0.658287683
## 1518 -0.7887466077 -3.025474e-01 -0.361586758 -0.155454847  0.289919218
```

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## 1519  1.4699867038 -6.322946e-01 -0.553819189  1.003742732  2.097361297
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## 1521  0.7564064031  8.566434e-01  1.005135431 -0.229446182  0.912445494
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## 1523  0.8568802026  8.747919e-01  1.235154486 -0.170253114 -0.049400926
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## 1525 -1.0160520616 -2.172927e-01 -0.668262956 -0.323168540 -1.065882750
## 1526  1.1895817663 -1.511569e-01  0.076026205 -0.273840983  0.140248093
## 1527  0.3601883886 -3.848549e-02 -0.865275939 -0.051866979  1.558310311
## 1528  0.7002830510 -1.890570e+00 -1.025408275 -0.254109961  0.918187265
## 1529 -0.4145522117  8.046338e-01  3.386945644 -0.357697829 -0.052960146
## 1530 -0.1665160229  3.818364e-01  0.882314853 -0.160387603 -0.506578300
## 1531  0.2629025845  4.330868e-01 -0.956710165 -0.046934223  0.667913593
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## 1536 -1.2282620333 -2.938179e-01 -0.414874676 -0.362630585 -0.876429846
## 1537  1.1823840700 -6.151523e-01 -0.358048162  0.431543076  0.537963802
## 1538  0.3053817506  9.753226e-01 -0.392672671 -0.283706495 -0.954052320
## 1539  0.9776945357 -1.763049e-01  0.913679993 -0.170253114  0.255147488
## 1540 -1.2358429100 -5.551518e-01  0.559937260  0.007326089 -0.794610910
## 1541  1.1994481731  4.930289e-01 -1.439685926 -0.402092630 -0.183979483
## 1542 -1.2693984634 -7.406833e-01  0.393075035  0.007326089 -0.794610910
## 1543  1.5458546546 -3.791490e-01 -0.389037787  1.003742732  1.851900580
## 1544  0.6750241347 -6.733228e-01 -1.112735866 -0.101194535  1.442799386
## 1545 -0.0795626965  1.594466e-01 -1.260924562 -0.254109961  0.234747622
```

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## 1546  0.8655116227  9.335458e-01  0.495277526 -0.337966807  0.499414897
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## 1551 -0.1639666298 -2.532820e-01  0.395824994  0.199703560  1.035025903
## 1552 -1.2391664118  1.740930e+00 -1.333444148 -0.372496096 -1.058333017
## 1553 -1.1736670437  1.914788e+00  0.387377253  0.816298017 -1.122505753
## 1554 -0.0172238024 -2.504864e+00 -0.059104002 -0.347832318 -0.848167305
## 1555 -1.1753021414  5.400031e-01 -2.146008462 -0.170253114 -1.084155512
## 1556  1.6414895978 -2.783069e-01 -0.055152626  1.003742732  1.033698191
## 1557 -0.1736004503 -2.568167e-01  0.428232802 -0.337966807 -0.235201157
## 1558  1.6549325320  1.598981e+00 -0.490769096 -0.194916893  0.456143563
## 1559 -0.2983540790 -9.089625e-01 -0.412378975  0.214501827  1.687743275
## 1560 -1.1557236330 -2.476860e-01 -2.139871645 -0.155454847 -0.829243248
## 1561  1.5876321423 -1.487627e+00 -0.024756337  4.570125072  0.743742194
## 1562 -0.1241683215 -1.091563e+00 -1.286798945 -0.268908228 -0.554577036
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## 1565  1.6878865159 -7.731399e-01 -0.117202856 -0.268908228  2.477584760
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## 1570  1.6519266255 -1.521817e+00 -0.591354783  1.003742732  1.707511923
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## 1572  1.5526050361 -2.552100e+00  1.314859320 -0.214647915  2.026574004
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## 1573 -1.3336575453 -8.075176e-01 -0.938896580 0.816298017 -0.707017186
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## 1575 -1.0846817262 -6.277418e-01 0.795521292 0.214501827 0.392231427
## 1576 1.6815705794 -9.299263e-02 -0.305398257 -0.268908228 1.818209894
## 1577 0.9036934068 -1.493560e+00 0.764470333 -0.342899562 0.984232658
## 1578 0.3138359361 -1.141689e+00 0.757372971 -0.263975472 0.070009001
## 1579 1.4197021318 5.346765e-01 1.646461444 -0.249177205 0.891611382
## 1580 1.6266705152 -2.852931e-02 0.415548665 -0.387294363 2.441998061
## 1581 -1.3317403219 -1.441934e+00 -0.551284468 -0.367563341 -1.122505753
## 1582 0.5085318628 6.365358e-02 -0.729657729 -0.061732490 1.202151624
## 1583 0.8864159427 9.975020e-01 -0.192524302 -0.372496096 0.215495801
## 1584 1.2705878192 -5.261515e-01 0.154427299 -0.259042716 1.141051041
## 1585 0.7873669263 -7.035192e-01 -0.212481565 -0.347832318 1.512228547
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## 1587 -0.1835522693 -8.216845e-01 0.703699170 -0.357697829 0.440142049
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## 1589 1.5310295590 1.594466e-01 0.360488480 -0.298504762 1.665326239
## 1590 0.9992495570 -2.533365e+00 -0.592013006 0.707777392 2.359735758
## 1591 1.6387823329 -2.874339e-01 0.209044509 -0.175185870 1.794145117
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## 1597 1.0002094818 1.072059e-01 -0.285939264 0.022124356 1.118007889
## 1598 1.4111805955 1.065975e+00 0.965562260 4.570125072 1.039157040
## 1599 0.8018208899 -1.239221e-01 1.128801590 -0.268908228 0.675667799
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## 1603 1.3541061422 7.063904e-02 0.713283297 4.570125072 0.197522447
## 1604 -0.5089989031 5.332206e-01 -2.046945361 -0.347832318 0.353736818
## 1605 1.6367877325 -2.349072e+00 -0.377211867 -0.298504762 1.038511146
## 1606 1.3355865573 -6.733228e-01 0.122286790 0.757104949 2.073296521
## 1607 -0.8184412788 1.269645e+00 0.916927534 -0.288639250 -0.488240335
## 1608 1.6621430782 2.531595e-01 -0.405302126 -0.298504762 0.913374310
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## 1610 1.4654471244 -2.749319e-01 1.183214699 -0.352765074 2.710032672
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## 1614 1.2040552127 -3.608328e-01 1.072211955 -0.278773739 1.042592649
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## 1617 1.6782783352 5.120649e-01 -0.614478266 -0.194916893 1.466864162
## 1618 0.4760533473 1.077424e+00 1.932906433 -0.111060047 0.192170178
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## 1620 1.5009244708 4.168675e-01 0.140075571 4.570125072 0.500798674
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## 1625 1.1123021066 3.256028e-01 0.007891529 -0.288639250 1.251561390
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## 1638 -0.6869154924 -1.874787e-02 -0.193860329 -0.254109961 -0.626771364
## 1639 1.0833644684 1.045558e-01 -0.209760910 0.313156940 0.831554071
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## 1643 0.8768892602 4.636220e-02 0.509329263 -0.367563341 0.852316685
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## 1645 0.5457428608 -6.484520e-01 -0.024756337 -0.273840983 1.030227624
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## 1675 -0.7596857921 -1.304318e-01 -0.102039235 -0.155454847 -0.481456748
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## 1679 -1.2130320106  4.136136e-01 -0.480729051 -0.392227119 -0.920361633
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## 1681 -0.4493226001 -1.179945e+00 1.123073894 0.707777392 -0.684964368
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## 1684 -1.2311164572 -5.568890e-01 -2.503212484 -0.313303028 -1.073643263
## 1685 0.0781422293 6.864253e-01 -0.952454056 -0.244244449 -1.026246648
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## 1688 0.0865341572 8.160061e-02 -0.640476334 -0.293572006 -0.617145454
## 1689 -0.7777509456 -1.340071e-01 -0.967071992 -0.382361608 -0.732656379
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## 1691 0.0376874426 1.511367e+00 1.463466291 -0.323168540 -0.751707969
## 1692 0.3018690029 -9.530199e-01 0.024992792 4.570125072 -0.500736417
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## 1697 -0.8867311221 -1.124803e+00 0.989605262 4.570125072 -0.949065925
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## 1699 1.0705750640 -9.358683e-01 0.943064532 -0.204782404 0.073935096
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## 1702 -0.0212219469 -1.529513e-01 -0.399716148 -0.318235784 1.521230219
## 1703 1.0892477848 -1.890309e-01 0.173171350 -0.372496096 0.799785676
## 1704 0.3098752656 -4.975240e-02 -0.527172682 -0.402092630 -0.578641812
## 1705 1.5641658810 -2.019045e-01 0.551736242 -0.397159875 2.163496677
## 1706 0.5085318628 6.365358e-02 -0.729657729 -0.061732490 1.202151624
## 1707 1.5828745583 6.270856e-02 -0.726685453 -0.402092630 -0.674900917
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## 1710 1.6573296141 1.501836e+00 0.632281963 -0.352765074 2.714276901
## 1711 -1.1708493838 1.639920e+00 -2.236545932 -0.313303028 -0.921126873
## 1712 -1.1226175421 -2.749319e-01 1.164010072 -0.372496096 -0.953999662
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## 1714 -0.9479605851 3.459418e-01 -0.088926280 -0.387294363 -0.698965693
## 1715 -0.1975202793 4.041626e-03 1.305644196 -0.170253114 -0.659999545
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## 1717 -1.0090948955 8.338539e-01 -0.830070361 -0.377428852 -0.979463377
## 1718 -0.7224055586 1.027920e+00 2.704605248 -0.204782404 0.324561183
## 1719 -0.9085766173 1.371086e+00 1.840153463 -0.037068712 -0.668453373
## 1720 -0.5307297528 9.713546e-01 -1.327548608 -0.397159875 -0.516073394
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## 1723 -0.6210869316 2.539845e-02 0.183262306 -0.125858314 -0.089358295
## 1724 -0.9113895989 -1.196621e+00 1.635262072 -0.037068712 -0.736971871
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## 1728 1.0903468250 3.930881e-01 -1.026011833 -0.120925558 -0.910735723
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## 1731 0.6355633885 1.116777e+00 0.922979251 1.003742732 1.009633415
## 1732 -1.1254421692 1.322825e+00 -1.320710605 -0.357697829 -0.939613454
## 1733 -0.6000615112 1.103251e+00 0.890744234 -0.347832318 0.961782298
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## 1747	-0.5109206789	1.073824e+00	0.341487394	-0.155454847	0.022977592
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## 1751	0.3780887463	4.172667e-01	-1.033467265	-0.402092630	-0.208044259
## 1752	-0.6581109362	-3.378357e-01	0.737772018	-0.318235784	-0.418783839
## 1753	-0.5224640961	-5.477019e-01	0.281102617	-0.323168540	-0.362289513
## 1754	-0.9608067557	-6.046278e-01	0.700159541	-0.229446182	-0.493307870
## 1755	-0.0228269172	3.195446e-01	1.905234809	-0.313303028	-0.739590098
## 1756	-0.8695790346	1.400370e+00	-0.122650029	-0.135723825	-0.934800499
## 1757	-0.0851102458	7.492715e-01	1.071524632	4.570125072	-0.477569752
## 1758	-0.8192552652	7.645169e-01	-0.377630892	0.239165605	-0.790411842
## 1759	1.6577571592	3.409937e-02	-0.697302373	-0.303437517	0.446517653
## 1760	1.6705928801	3.228685e-01	-0.214276412	-0.175185870	0.793050429
## 1761	1.6878865159	1.998060e-02	-0.596273373	-0.229446182	2.415016342

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## 1762  1.4628424477 -4.349986e-01 -0.017346892 -0.328101295  0.858277267
## 1763  1.5405146623 -1.857252e+00  0.405546591 -0.352765074  0.638659430
## 1764  1.0049169556 -6.061419e-01 -1.440170240 -0.175185870  1.452425296
## 1765  0.7917445185 -5.221749e-01 -0.860729645 -0.046934223  1.187712758
## 1766  1.5460924815 -3.799132e-02 -1.418672104 -0.402092630  2.698980701
## 1767  1.6581535981 -3.424135e-01 -0.234726925 -0.293572006  1.154022072
## 1768  0.8179666495 -8.508916e-02 -1.031171284  0.239165605  0.831554071
## 1769  1.6809533401  1.000046e+00 -0.084879512 -0.293572006  2.285066551
## 1770  1.6561919978 -4.386270e-01 -0.883875017 -0.298504762  1.235842311
## 1771 -0.4185416590 -2.973744e-01  0.746238429 -0.298504762  0.043589107
## 1772 -1.0525424607 -5.085221e-01 -1.034903840 -0.046934223 -0.549764080
## 1773 -0.5677297435  2.939565e-01  0.576168444 -0.288639250 -0.883473077
## 1774  0.0378138153  1.003926e+00  3.289779376 -0.268908228 -0.134643820
## 1775 -0.8684242094 -1.165480e+00  1.208544940 -0.204782404 -0.175193930
## 1776 -0.4324203245  8.507192e-02  1.217222893 -0.204782404  0.336858927
## 1777 -1.1193583568  3.092434e-01 -0.993169811 -0.298504762 -0.872232081
## 1778 -0.3173552894 -3.973654e-01 -0.246890080 -0.180118626 -0.492008618
## 1779 -0.8928643837  7.078156e-01 -0.489797428 -0.293572006  0.008538726
## 1780 -1.3027777029  1.575341e+00 -0.500897984 -0.392227119 -1.084421043
## 1781 -0.4652829636  7.963613e-01  0.273280465 -0.199849648 -0.881857991
## 1782 -1.1688708124  9.233861e-01  0.575964395 -0.367563341 -0.218353797
## 1783 -0.3784717735  1.190487e-01  1.583151056 -0.342899562 -0.256337239
## 1784 -1.1811276768  8.156008e-01 -0.897193943 -0.392227119 -1.098440977
## 1785  0.5125481355 -2.787745e-01  0.907191834  0.707777392  1.650475638
## 1786 -0.7480382492  2.152590e-01  0.088855475  1.003742732 -0.703778648
## 1787  0.7763954194 -1.190170e+00  0.355358101 -0.155454847  0.868521330
## 1788  1.6712770929  2.647421e-01 -0.315527959 -0.194916893  1.842274670
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## 1789  1.4381300062  3.012574e-01  0.938030528 -0.303437517  2.073597331
## 1790  0.7956169296  1.538947e+00 -0.467316296 -0.313303028 -0.130361473
## 1791  0.9974623922 -7.892803e-01  1.301934211 -0.239311694  1.410213312
## 1792  0.0463094561 -6.291929e-01 -0.984114082 -0.101194535  0.249186488
## 1793  1.4976078068 -4.588900e-01 -0.596185778  0.239165605  1.081827743
## 1794  1.4214963231  4.326821e-01 -0.220643532  1.003742732  0.480208339
## 1795  0.8394391225  1.411590e+00 -0.961290423 -0.032135956  1.558310311
## 1796  0.8396202353 -1.631692e+00 -1.363821489  0.002393334  1.697886013
## 1797 -0.5425030702  1.102717e-01 -0.265534347  0.816298017 -0.768449276
## 1798  0.5856893312 -3.307975e-01 -1.194236607 -0.268908228  1.452425296
## 1799  1.6012646153  1.919026e-01  1.323134124 -0.283706495  2.283585642
## 1800 -0.2983540790 -9.089625e-01 -0.412378975  0.214501827  1.687743275
## 1801 -1.2458297283  1.184067e+00 -2.406434312 -0.313303028 -0.856176215
## 1802  1.5810728825  2.546702e-01  0.247309212  4.570125072  1.442392019
## 1803 -0.3512395772  1.041411e-01 -0.819260411 -0.046934223  1.072201833
## 1804 -0.9066619539 -3.771453e-01 -0.852118111 -0.392227119 -0.823448341
## 1805  1.2630122305  1.973238e-01  0.670176807 -0.239311694  0.750800176
## 1806 -0.4372487302  1.339823e-01  0.891715897  0.022124356 -0.631666126
## 1807 -0.0156089069 -2.321195e-01 -0.794809407 -0.189984137 -0.010713095
## 1808  1.6761984034 -1.591092e+00 -0.343553145 -0.303437517  1.669008281
## 1809 -0.5879559661 -2.601612e-02  0.199444936 -0.273840983 -0.553886570
## 1810 -0.8306299170 -8.116462e-01  1.494146755 -0.106127291 -0.757767795
## 1811  0.6878562524 -1.362441e+00 -1.389676746 -0.397159875 -0.236921990
## 1812 -0.6239622028 -4.797725e-01  0.165116778 -0.411958142 -0.402697493
## 1813  0.2727092416  7.108835e-01  0.075519251 -0.372496096 -1.122505753
## 1814  0.0463094561 -6.291929e-01 -0.984114082 -0.101194535  0.249186488
## 1815 -1.0135673396 -4.463034e-01  0.738016529 -0.229446182 -0.581724266
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## 1816 -0.5102676326 -1.494222e+00 -0.624894813 -0.051866979 -0.135849931
## 1817 -0.0068898004 1.022999e+00 -0.449940998 -0.367563341 0.523524936
## 1818 0.5964505682 7.073929e-01 0.713283297 -0.308370273 0.062593776
## 1819 -1.2264641301 -1.298922e-01 -0.454396288 -0.382361608 -1.091421005
## 1820 -1.2643044868 -8.866506e-01 -0.625819555 -0.347832318 -0.977703375
## 1821 0.1598689387 -1.020172e+00 0.675163137 -0.357697829 -0.426237365
## 1822 -0.8425819380 -9.727945e-01 -0.527713240 -0.337966807 -0.714628191
## 1823 -0.1241683215 -1.091563e+00 -1.286798945 -0.268908228 -0.554577036
## 1824 1.6125631241 8.670043e-02 -0.492880461 -0.333034051 1.524619624
## 1825 1.1806787605 -3.291741e-03 -0.370107267 -0.224513427 0.687165414
## 1826 1.2595047577 1.549458e+00 -0.750718381 -0.106127291 -0.362058826
## 1827 -0.7739242284 1.119226e+00 3.063731772 -0.342899562 -0.496129338
## 1828 -0.8596868192 4.613047e-02 0.615457312 -0.096261780 -0.758282114
## 1829 0.7398380013 9.352028e-01 -0.832674090 0.007326089 0.735294966
## 1830 0.8887273646 -2.938179e-01 -0.989682150 -0.219580671 -0.997368917
## 1831 0.3435554718 9.737861e-01 -0.939219933 -0.209715160 0.374323324
## 1832 -0.7106747746 -4.443294e-01 1.333524181 0.707777392 -0.789695019
## 1833 -0.3409445057 -4.652938e-01 0.332038197 -0.125858314 -0.201995190
## 1834 1.1764362151 1.560935e+00 0.091551685 -0.185051381 1.335803688
## 1835 -0.3593134848 -6.570298e-01 0.162968892 -0.377428852 0.744688927
## 1836 1.5840516289 -6.874983e-01 -0.403114526 -0.115992802 0.388762190
## 1837 -0.1975202793 4.041626e-03 1.305644196 -0.170253114 -0.659999545
## 1838 1.6615428426 -9.694089e-01 -0.628348392 -0.392227119 0.095171921
## 1839 1.5809583607 5.687864e-01 1.989208887 -0.377428852 1.354612106
## 1840 0.4711339651 6.857514e-01 0.056859033 -0.392227119 0.263423764
## 1841 -0.8386818576 -7.378131e-01 0.840078966 -0.392227119 -0.629375094
## 1842 -0.5824280004 -3.108480e-01 0.668814476 -0.298504762 0.285318328
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## 1843  0.8967269178  1.541862e-02 -0.065566169 -0.367563341  1.203134114
## 1844 -0.7051886135 -8.288744e-01 -1.139806524  1.003742732 -0.164727662
## 1845 -1.0471318153 -4.456355e-02 -0.294916246 -0.323168540  0.274803830
## 1846  0.3191220638 -1.471873e+00 -0.008432404  4.570125072  0.392231427
## 1847  1.5959087058 -1.278548e+00  1.418120075 -0.254109961  2.584212770
## 1848 -0.2721591369 -1.342676e+00  1.073838852 -0.288639250  0.157666483
## 1849 -0.8260316867  1.204473e+00  0.288599160 -0.372496096 -0.563369724
## 1850  1.5887275192 -1.872010e+00  0.726144577 -0.204782404  1.512686678
## 1851  1.2703571596 -4.399147e-02 -0.357037844 -0.254109961 -0.607519543
## 1852 -0.2625672620 -1.218900e-01 -0.152929440 -0.347832318 -0.506674867
## 1853  0.9362105454  2.298594e+00  0.174971784 -0.125858314  1.750765073
## 1854 -1.0634069607  1.657785e+00  0.297774068 -0.239311694 -0.918133981
## 1855  1.3906488235 -2.612758e-01  0.295600847  4.570125072  1.193292996
## 1856  1.2899825112  1.538947e+00  0.181719355 -0.392227119  1.782723700
## 1857 -0.6983585375 -5.006232e-02  0.985126524 -0.382361608 -0.891819446
## 1858  0.8990934645  7.170373e-01 -1.641508446 -0.071598001 -0.256173811
## 1859  1.1208733092 -3.565421e-02  0.307638230  1.003742732  1.009633415
## 1860 -0.4060775321 -1.094532e+00  1.672932687  0.012258845  0.417639921
## 1861  1.3885288301 -6.482396e-01 -1.289583340  0.239165605  1.567936222
## 1862 -0.1868442311  6.901781e-01  2.229866869 -0.268908228 -0.271728772
## 1863  0.2208053382 -3.777536e-02  0.878995949  0.214501827  2.071625477
## 1864 -1.0064839845 -1.060807e+00  0.295600847 -0.323168540 -0.474799562
## 1865  1.5187923179  1.769458e+00  2.275662518 -0.392227119  0.613674445
## 1866  0.8969909016  4.912825e-02 -0.416181085 -0.032135956  1.948159685
## 1867 -1.1212052285 -1.162575e+00 -2.243751219 -0.347832318 -0.810314062
## 1868  1.6730777908  6.127110e-01 -0.352306393 -0.115992802  1.669008281
## 1869  1.4232563827 -6.706281e-01 -1.802139351  0.239165605  0.975942728
```

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## 1870  1.5929509132  7.895030e-01  0.446431781 -0.120925558  1.654199188
## 1871 -0.8558280589 -9.460765e-01  0.199713486  0.707777392 -0.301566901
## 1872  0.9993361381 -1.138692e+00  1.909022626 -0.111060047  0.812795562
## 1873 -1.0916487379  3.520843e-02 -1.028388192 -0.061732490 -0.958865275
## 1874  0.3051391101  6.127110e-01  1.260033207 -0.288639250 -0.328934976
## 1875 -0.2366899789 -7.112309e-01  1.145939577 -0.239311694 -0.565712893
## 1876 -0.7514950284 -4.783002e-01 -1.784529827  0.056653646 -0.102660221
## 1877 -0.3567123317  9.054299e-01 -0.022177014 -0.357697829 -0.092533333
## 1878  0.3886999478 -1.260706e+00 -0.573621445 -0.377428852  1.216590490
## 1879  1.6159974386  8.309839e-01 -0.277961047 -0.214647915  1.909656043
## 1880  0.9733321771  1.265249e+00  1.220885314 -0.347832318  0.228022175
## 1881  1.6387299706  1.279074e+00  0.668923049  4.570125072  1.368600021
## 1882 -0.4852224210  1.106227e+00 -0.693020133 -0.135723825 -0.934800499
## 1883 -0.2318257875 -1.971000e+00  0.343615940  0.199703560  1.452166535
## 1884  1.6266705152 -2.852931e-02  0.415548665 -0.387294363  2.441998061
## 1885 -0.6382945917  1.068249e-01 -0.122699934  0.816298017 -0.739446415
## 1886  0.5323572093 -1.250701e-01  0.904344338 -0.096261780  1.505971643
## 1887 -0.5821742132 -7.045586e-01  1.375260969 -0.367563341  1.188516592
## 1888  0.2140549647  1.854322e+00  1.424525012  0.012258845  0.942288782
## 1889  0.8967269178  1.541862e-02 -0.065566169 -0.367563341  1.203134114
## 1890 -1.2225482717  3.824037e-01 -2.313874007 -0.323168540 -0.989734574
## 1891  1.6417191518  8.855140e-01 -0.303682669  0.757104949  1.669008281
## 1892 -0.2266263159  2.503023e-02 -0.339588523 -0.244244449 -0.275425632
## 1893  0.5445206757  1.462130e+00 -0.688007802 -0.382361608  0.908561355
## 1894 -1.2447886023  5.052988e-01 -1.148566595 -0.347832318 -0.826591688
## 1895  0.5360385416  1.303973e+00  1.213086133 -0.273840983 -0.302421202
## 1896  0.8393197929  1.090138e-01 -0.272415453 -0.347832318  1.514993714
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## 1897  1.0541356540  2.376507e-01 -0.569489932 -0.298504762  0.562028578
## 1898  1.6610680775 -6.514485e-01 -1.175456073 -0.298504762  1.048137057
## 1899  0.0644692024 -4.462314e-01  1.101595035  4.570125072  1.232080162
## 1900  1.2273536554  4.918062e-01  1.172683130 -0.268908228  1.678807112
## 1901  0.8565987328 -7.720119e-01  2.433980911 -0.268908228 -0.588267722
## 1902 -0.2145155337 -1.981434e+00 -0.511737378 -0.150522092 -0.925174589
## 1903 -0.6186627146 -1.955492e-01 -0.125071547 -0.367563341 -0.934800499
## 1904  0.6139735570  1.047751e-01 -0.325798107 -0.135723825 -1.026246648
## 1905 -1.3627108535  2.609113e-01  0.938355705 -0.411958142 -1.122505753
## 1906  1.2990395068  5.803841e-01 -0.328896982  0.757104949  1.360979147
## 1907 -0.9285328093  1.068505e+00  0.407972648 -0.101194535 -0.689339782
## 1908  1.4411207264 -3.113533e-01 -0.716135549 -0.106127291 -0.145475841
## 1909 -0.5841729832  6.127110e-01 -1.354763783  0.007326089  0.216197027
## 1910  0.3156454847 -3.455747e-01  0.328608799 -0.273840983 -0.146906720
## 1911 -0.6552157030  1.462723e+00 -2.082754779 -0.263975472 -0.075126894
## 1912  0.0653465671  9.619476e-01  0.382564656 -0.367563341  0.858689181
## 1913 -0.9311629330  7.166302e-01  0.948558164  4.570125072 -0.981294353
## 1914  0.5980684220  7.062839e-01 -0.723149033 -0.214647915  1.375418012
## 1915  1.4732572451  8.924934e-01  1.645342941 -0.293572006  2.286102768
## 1916 -0.1091493857  5.850083e-01  1.573823094 -0.352765074 -0.660508835
## 1917 -1.2620835098 -1.384485e+00 -0.520080524 -0.387294363 -0.939085203
## 1918 -1.1872111741  2.090614e+00 -1.035997600  0.431543076 -1.088815066
## 1919  1.2335422269  3.105347e-01  1.321968129  0.022124356  1.236447170
## 1920 -1.1493561909  6.388502e-01 -2.075411910 -0.313303028 -0.890245179
## 1921  1.2051320501  1.106100e-01  0.596762294 -0.283706495  0.903200088
## 1922  0.5099868199 -2.212310e-01  0.102457761  0.115846714  0.612112630
## 1923 -0.4200814457  7.017888e-02  0.288421339 -0.372496096 -0.343817643
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## 1924  1.1768986819 -2.080241e-01  0.260284646 -0.367563341  1.132212013
## 1925 -0.9206855204 -4.307222e-01 -0.343553145 -0.367563341 -0.732656379
## 1926  0.8871661114  5.097959e-01 -0.137103405  0.313156940  1.115518430
## 1927 -0.6888841253 -7.173649e-02 -0.222083723 -0.357697829 -0.809663663
## 1928 -0.4390051283  8.343329e-02 -0.127627402 -0.288639250 -0.588267722
## 1929  1.1123021066  3.256028e-01  0.007891529 -0.288639250  1.251561390
## 1930 -0.7055769193 -2.154168e-02 -0.722765220 -0.323168540 -0.968491186
## 1931  0.6973048176  2.764109e-02 -0.137103405  0.757104949  1.144396161
## 1932  1.1010731065  2.930143e-01  0.415989852 -0.288639250  1.337928760
## 1933  1.1280568276 -3.480968e-01 -0.070131337 -0.120925558  1.081321116
## 1934  0.8583381084 -2.095266e-01 -0.274860349 -0.209715160  0.557215623
## 1935 -0.6559891296 -3.104376e-01 -0.217758645 -0.313303028 -0.804850708
## 1936  1.1515648968 -3.161305e-01  0.355358101 -0.303437517  1.080165941
## 1937 -0.6862550706  5.212800e-01  1.244429448 -0.185051381 -0.631686879
## 1938  1.1802370307  5.798860e-01  0.645885241 -0.318235784  0.992149445
## 1939 -0.9586582218  6.597385e-01  0.050854676 -0.367563341 -0.838541394
## 1940  1.1437571939  1.680474e-01 -0.435798320  0.757104949  1.187712758
## 1941 -0.7573954700 -7.627860e-01 -0.680096468 -0.387294363 -0.723030469
## 1942 -0.5751211712  3.560432e-01  1.198054638 -0.308370273 -0.662206343
## 1943  1.0886620326  2.866381e-01  0.525156153 -0.367563341  1.261053028
## 1944  0.4591077932  4.947884e-02 -0.344413053  0.022124356  0.261931454
## 1945  1.2545306279 -6.422036e-02  0.838435668 -0.259042716  0.455796683
## 1946  1.0833644684  1.045558e-01 -0.209760910  0.313156940  0.831554071
## 1947 -0.1777019016 -1.141776e-01 -0.948179804 -0.392227119 -0.458317931
## 1948 -0.8084598780  1.792110e-01  0.680939840 -0.372496096 -0.348718738
## 1949  1.0706251753 -7.410186e-01  0.340689129 -0.209715160  0.576602519
## 1950  1.0459654478 -2.920678e-01 -0.422714111  0.757104949  1.283971863
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## 1951 -0.7077803448  4.321735e-01 -0.076060126 -0.392227119 -0.391649588
## 1952  0.8768892602  4.636220e-02  0.509329263 -0.367563341  0.852316685
## 1953 -0.6918732298 -5.841108e-01 -0.351776120 -0.185051381 -0.881857991
## 1954  0.5457428608 -6.484520e-01 -0.024756337 -0.273840983  1.030227624
## 1955 -0.5803508920  6.212539e-02  0.637328340 -0.214647915 -0.553701953
## 1956  1.1627088251 -8.542916e-01  0.251448482 -0.337966807  0.784795391
## 1957 -0.7969359028  1.321826e-01 -0.616243844 -0.362630585 -0.887153419
## 1958  0.7239824860  3.168301e-01  0.079716834 -0.352765074  1.008130555
## 1959 -0.6991068803 -2.172927e-01 -0.157599377 -0.352765074 -0.732656379
## 1960  0.9999602040  3.145293e-01 -0.202640929  0.313156940  1.365792102
## 1961  0.9260873958 -3.135250e-01  0.435530725 -0.278773739  0.363552747
## 1962  1.1717109881  5.766646e-01  0.361188077 -0.357697829  0.536594262
## 1963 -0.1659791359 -3.946315e-01 -0.556907142 -0.382361608 -0.386123603
## 1964  0.8200441608  2.454105e-01  0.746644400  0.012258845  1.279370567
## 1965  0.5993885265  1.885999e-01  0.679301987 -0.239311694  0.671413924
## 1966  1.0166549108 -4.717000e-01 -0.041080270 -0.273840983  1.001893901
## 1967 -0.4674888218 -2.234983e-01 -1.056158941 -0.397159875 -0.655649096
## 1968 -1.0358611354 -1.033706e-01  0.591042051 -0.333034051 -0.862085330
## 1969 -0.6356993309  1.149674e-01 -0.972298687 -0.392227119 -0.891483902
## 1970 -0.5166467394 -3.026707e-01 -0.358140358 -0.382361608 -0.516073394
## 1971 -0.7405190004 -5.870255e-01 -0.732741361 -0.387294363 -0.922925472
## 1972 -0.8394979326 -5.020033e-01 -0.715408497 -0.387294363 -0.946850453
## 1973 -0.4549046877  1.621853e-01 -0.506122545 -0.293572006 -0.785598887
## 1974 -0.6495165880  4.672951e-01 -0.418142063 -0.387294363 -0.808446684
## 1975 -1.0018268764 -6.080030e-01 -0.994201708 -0.337966807 -0.756721155
## 1976 -0.8759134010 -6.718565e-02 -0.940308470 -0.367563341 -0.929987544
## 1977 -0.5198389296 -2.537679e-01  0.221916427 -0.328101295 -0.898993900
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## 1978 -0.7949987870 -3.425997e-01 -0.132770653 -0.367563341 -0.949312288
## 1979 -0.8611025612 -5.310973e-01 -1.217125213 -0.392227119 -0.583454767
## 1980 -0.9376717139 -1.763049e-01 0.144183413 -0.372496096 -0.980948246
## 1981 -0.1693424525 1.606135e+00 -0.026676800 -0.283706495 0.582985891
## 1982 -1.0064839845 -1.060807e+00 0.295600847 -0.323168540 -0.474799562
## 1983 -1.2472308269 -3.953377e-01 -1.040921161 -0.402092630 -1.064750290
## 1984 1.2255224995 2.472813e+00 0.487936075 -0.318235784 -0.181863037
## 1985 -1.3207301558 2.218224e-01 -1.405294664 -0.407025386 -1.122505753
## 1986 -1.0073014513 -8.350948e-01 -0.931661596 -0.046934223 -1.064750290
## 1987 -0.7808376516 -1.280927e+00 0.489447550 -0.367563341 -0.135232885
## 1988 0.3925559406 2.194170e-01 0.787789422 -0.402092630 -0.192998851
## 1989 -0.8228579483 -8.833163e-01 -0.386544993 -0.352765074 -0.747095245
## 1990 -0.0667530212 -8.617507e-01 -0.543699646 -0.357697829 -0.944426409
## 1991 -1.0503877895 9.170457e-01 0.040539395 -0.372496096 -1.018379318
## 1992 -1.2240473367 9.225791e-01 -1.063921561 0.002393334 -0.708591603
## 1993 -0.2282483397 5.644039e-01 1.378048737 -0.263975472 -0.318510943
## 1994 0.0479411980 -8.347947e-02 0.700298350 -0.283706495 -0.013107060
## 1995 -0.1681611468 -1.315810e+00 1.027748671 -0.288639250 -0.462594158
## 1996 -0.6873440813 -5.463874e-01 1.922087453 -0.185051381 -0.913596177
## 1997 0.8043801740 -8.230392e-01 1.561452169 -0.352765074 0.254912383
## 1998 -0.8542779586 -9.978575e-01 -0.652850912 -0.259042716 -0.997368917
## 1999 0.9869401948 -5.593223e-01 -1.421305344 -0.372496096 2.162010993
## 2000 1.1957286817 3.126627e-01 0.453571965 -0.357697829 1.643053601
## 2001 0.9878546985 2.987658e-01 1.144805445 -0.372496096 0.326669778
## 2002 1.6669920134 -4.086863e-01 0.339811498 4.570125072 0.916570700
## 2003 1.4578983785 -1.448789e-01 0.655784256 -0.204782404 1.321455938
## 2004 1.0352173388 -1.250710e+00 -0.602424292 -0.209715160 1.149209116
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## 2005	1.0385625779	-3.665086e+00	0.880055945	-0.377428852	1.201932853
## 2006	1.2630122305	1.973238e-01	0.670176807	-0.239311694	0.750800176
## 2007	1.6618871065	1.890633e-01	1.325045592	-0.268908228	1.601626908
## 2008	1.6761984034	-1.591092e+00	-0.343553145	-0.303437517	1.669008281
## 2009	0.7772604355	-6.137124e-01	-0.030434227	-0.185051381	0.342771729
## 2010	-0.0482258082	2.663138e-01	-0.552563501	0.757104949	0.388762190
## 2011	-0.1696554467	5.424027e-01	1.307930518	-0.308370273	-0.486508097
## 2012	-1.0539756981	-1.697299e+00	1.145700071	-0.392227119	0.295696833
## 2013	-0.2516306615	-1.224965e+00	1.119338440	-0.347832318	-0.855119351
## 2014	-0.4417757986	1.617590e+00	0.261717867	-0.411958142	-1.016620738
## 2015	-1.0373849103	3.147610e-01	-0.689956603	-0.357697829	-0.742739559
## 2016	-0.3817767171	1.049395e-02	0.720703266	-0.249177205	-0.674403025
## 2017	-0.8715129720	6.127110e-01	0.203778724	-0.382361608	-0.851646801
## 2018	-0.9076217378	-1.273166e+00	-0.962872600	-0.402092630	-0.766347066
## 2019	-1.3477569449	-8.492890e-01	-0.426799007	-0.362630585	-1.111181153
## 2020	-1.1003416920	6.127110e-01	-0.544480167	-0.387294363	-0.614094989
## 2021	-0.9916922546	-2.841899e+00	-0.976275642	-0.397159875	-0.843354350
## 2022	-0.3216339735	-1.199466e-01	1.572477715	-0.318235784	-0.769723694
## 2023	-0.9641650682	4.752696e-01	0.334370187	-0.372496096	-0.928221322
## 2024	-0.6011880242	-9.921263e-01	0.035469850	-0.091329024	0.082604344
## 2025	1.6114623647	-1.744453e+00	-0.790830321	1.003742732	2.092548342
## 2026	0.2283334642	1.229770e-01	-0.691278748	-0.140656580	1.019259325
## 2027	-1.2669521917	2.305867e-01	-2.084858583	-0.022270445	-0.983670506
## 2028	0.9252371736	3.590988e-01	1.394065499	-0.170253114	0.302242408
## 2029	1.6878865159	-3.705242e-01	-0.497408395	-0.214647915	1.693073058
## 2030	0.7024054727	9.195506e-01	1.387263861	0.022124356	1.097629570
## 2031	0.9289940669	-4.367190e-01	-0.875382746	-0.244244449	0.456143563

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## 2032  0.2292675551 -1.482708e+00  0.922604542  0.022124356  0.060789870
## 2033  1.0548055565  7.959663e-01  1.766352785 -0.170253114  0.328493558
## 2034  1.6487762932 -2.612758e-01 -0.087671018  0.071451913 -0.992555962
## 2035  1.3952092775  4.292867e-01  0.786146061  4.570125072  1.583126946
## 2036  0.8324693278 -5.056508e-01 -1.006023034  0.175039782 -1.002181872
## 2037  1.5458546546 -3.791490e-01 -0.389037787  1.003742732  1.851900580
## 2038 -0.7666710598 -1.681504e+00  0.523727809 -0.342899562  0.596406830
## 2039  1.2041348295  6.116594e-02 -1.192152659 -0.032135956  1.471677117
## 2040  0.6955235162 -1.697299e+00  0.140296763 -0.367563341  1.770456556
## 2041 -0.3396218949 -3.916869e-02 -0.214186526 -0.313303028 -1.040685514
## 2042  0.7064339626  3.654075e-01 -0.097132329  0.175039782  0.119236697
## 2043 -1.2571132523  7.765836e-01 -0.549674467 -0.367563341 -0.385731294
## 2044 -1.0009412937 -2.066516e-01 -1.290596766 -0.268908228 -0.564481958
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## 2046 -1.0856307719  6.316811e-01 -0.194097131 -0.411958142 -0.701145144
## 2047 -0.6702439660 -6.506825e-01 -0.706625694 -0.259042716 -0.949239365
## 2048 -1.2921185177  2.253760e-01 -1.978244863 -0.308370273 -1.055426238
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## 2050 -1.1545435392 -1.273585e-01 -2.110721765 -0.313303028 -0.933515364
## 2051  0.4241515748  2.432874e-01  1.672932687 -0.352765074 -0.151470926
## 2052 -1.0244150363  6.127110e-01  0.804796254 -0.283706495 -0.759096610
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## 2054  0.5692157693  1.034316e+00 -0.743617156 -0.032135956 -0.828915484
## 2055 -0.4034736551 -1.529316e+00 -0.819838836 -0.032135956  0.013351682
## 2056 -0.5360222534  3.687786e-01 -0.412632474 -0.199849648 -0.723030469
## 2057 -1.0687441979 -8.449211e-02  2.093918325 -0.037068712 -0.881469223
## 2058 -0.1747655641  1.700032e+00 -0.122699934 -0.283706495 -0.920361633
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##	2059	1.6878865159	1.167075e+00	-0.341907034	-0.362630585	3.074391209
##	2060	1.4731817157	1.487339e+00	0.330742647	-0.288639250	2.495395969
##	2061	0.4738732771	-2.568167e-01	1.068947169	-0.086396268	0.872217138
##	2062	1.5917802980	9.311520e-02	0.159982806	4.570125072	0.757377938
##	2063	1.2014827759	-2.364725e-01	-0.452887630	-0.347832318	1.346540281
##	2064	1.6321008085	1.043290e+00	1.144259859	-0.352765074	2.054034176
##	2065	1.5732686957	-1.480690e+00	-0.692768113	-0.367563341	-0.992555962
##	2066	1.2800526430	-3.284743e-02	1.066615178	-0.367563341	0.412059683
##	2067	0.1759383667	-3.991043e-02	-0.599999314	-0.313303028	1.000007504
##	2068	1.1917050161	1.381945e-02	0.200698737	-0.229446182	1.214720708
##	2069	-0.5417412673	4.879673e-02	0.508652177	-0.268908228	1.198855291
##	2070	0.3284691205	-5.739521e-01	-0.583855191	-0.155454847	0.882892260
##	2071	-0.4585821052	9.167117e-01	0.911149151	-0.342899562	-0.357288090
##	2072	-1.1240905072	-1.347727e+00	-0.457411808	-0.377428852	-0.925174589
##	2073	-0.2652796799	1.109172e-01	1.428073693	-0.160387603	-0.015432230
##	2074	-1.2211453705	-4.921984e-01	-0.761977978	-0.372496096	-1.077941353
##	2075	-1.2585158770	-3.170402e-01	-0.490547464	-0.362630585	-1.122505753
##	2076	0.1948579021	-8.595993e-01	0.135323521	-0.333034051	-0.141809546
##	2077	-0.6313755901	-9.956273e-01	0.859247415	-0.091329024	0.020053115
##	2078	-0.6140294478	-8.959982e-02	0.930935736	-0.333034051	-0.477913535
##	2079	-0.7690810952	1.520963e-01	2.071236650	-0.318235784	0.331469625
##	2080	-0.4901143520	-2.102943e-02	1.128801590	-0.333034051	-0.274769320
##	2081	-0.6423551241	-2.169311e+00	-0.437807287	-0.333034051	-0.958865275
##	2082	-1.2303264394	-1.798998e+00	-0.562117431	-0.352765074	-0.453504976
##	2083	-1.2783978609	-2.437082e-01	-1.051273411	-0.367563341	-0.839390739
##	2084	-0.5750566147	6.127110e-01	1.288288290	-0.125858314	-0.552155549
##	2085	-0.2088934422	-1.180507e+00	2.414015356	-0.111060047	-0.258641994

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## 2086  1.6146467044  4.792866e-01 -0.508282488  1.003742732  2.280253596
## 2087 -1.0217075222 -8.675877e-01 -0.905402152  0.816298017 -0.259229656
## 2088  1.6878865159  8.686935e-01 -0.766880943 -0.214647915  2.612347507
## 2089  1.2194877072  4.449675e-01  3.753599785 -0.111060047  1.395787995
## 2090  1.5069614660 -8.262356e-01  1.420653724 -0.283706495  1.568443658
## 2091  1.3240538021  4.824148e-01  0.096828819 -0.337966807  2.556549856
## 2092  1.1825500455 -1.281504e+00  1.663779080 -0.111060047  0.956498629
## 2093  1.6312190725 -1.127928e-01 -0.226991728  0.071451913 -0.015526050
## 2094  0.8089008332 -7.661411e-02  0.164376127  4.570125072  0.772295559
## 2095  1.2279502972 -2.394261e-01 -0.046910246  4.570125072  1.544489623
## 2096  0.6910904456  6.127110e-01  0.055033453  0.199703560  0.354504685
## 2097  1.5220457433  3.384180e-01 -0.460948200  0.757104949  2.415016342
## 2098  0.6073870722  5.860484e-01  0.924464692 -0.303437517  0.220931175
## 2099 -0.5825962591 -8.508834e-01 -0.936091178 -0.150522092  2.516088402
## 2100  0.7651749659  8.670043e-02  0.149365614  4.570125072  0.628443910
## 2101 -0.5505388266  1.515978e-01  0.327755061 -0.387294363 -0.356573093
## 2102 -1.2145389813  1.464848e+00 -1.057725210 -0.362630585 -0.615878887
## 2103  1.6069814375  6.459457e-01 -0.762053974  1.003742732  1.890404222
## 2104  0.3354961841  6.127110e-01 -0.640753019  0.816298017 -0.540293427
## 2105 -1.1406019812  1.378946e-01 -2.355767484 -0.022270445 -0.639600546
## 2106 -1.0133407637 -1.172493e+00  0.553862764 -0.155454847 -0.796338539
## 2107 -0.0112962189 -2.394261e-01  1.071009088 -0.303437517 -0.368520145
## 2108  0.7606880659 -2.266361e-01 -1.148394358  0.239165605  0.080733055
## 2109 -0.8042050220  1.473456e+00  1.867564195 -0.249177205 -0.861383644
## 2110  1.6815705794 -9.299263e-02 -0.305398257 -0.268908228  1.818209894
## 2111  0.4482786960  3.647346e-01  0.100487988 -0.155454847  0.792701303
## 2112  0.0412199789  1.713129e-02 -0.567914551  0.816298017 -0.740091603
```



```
## 2113 -0.9672630464 -3.135115e+00 0.822369866 -0.229446182 -0.478734671
## 2114 1.3736153837 -2.300902e+00 1.369773933 -0.362630585 1.001328511
## 2115 1.5509733100 1.047751e-01 1.475685164 -0.308370273 1.879496714
## 2116 1.0667597319 8.747832e-03 -0.968613131 -0.209715160 0.898935444
## 2117 -0.2388065595 5.467561e-01 -0.411677666 -0.402092630 0.311943649
## 2118 0.3965056270 2.617040e-01 -0.681868273 -0.214647915 0.903748400
## 2119 0.6164301150 8.933288e-02 -0.161473348 0.816298017 -0.171008398
## 2120 1.5271172211 -8.748802e-01 0.362216896 -0.407025386 2.253650260
## 2121 -0.3650972559 -6.706281e-01 -0.037680376 -0.313303028 -0.020339005
## 2122 1.1142699165 -3.757680e-02 0.911149151 -0.392227119 0.512517316
## 2123 0.8260394269 1.297996e+00 0.417678535 -0.288639250 0.580997722
## 2124 0.3489587316 1.914207e+00 0.417698856 0.115846714 -0.966746684
## 2125 -1.3275657226 -3.805051e+00 -0.966791909 0.816298017 -1.078451243
## 2126 0.6073870722 5.860484e-01 0.924464692 -0.303437517 0.220931175
## 2127 0.8333774489 -4.369715e-02 0.721366841 -0.342899562 0.174223860
## 2128 1.0787738399 -4.419142e-01 0.693496712 -0.333034051 -0.360454508
## 2129 1.5323949024 2.060517e+00 -0.143504947 -0.397159875 0.181805115
## 2130 0.1099913248 -3.667570e-01 -0.131291478 -0.377428852 -0.121748349
## 2131 0.0744594627 5.180291e-01 -0.631262068 -0.032135956 0.725669056
## 2132 1.5941421666 2.035543e-01 -0.233259055 -0.175185870 1.404295744
## 2133 -1.2975524631 9.022722e-01 -2.201502821 -0.313303028 -0.714893909
## 2134 -0.2020722657 -4.278164e-01 0.795521292 -0.293572006 0.697621987
## 2135 0.5445206757 1.462130e+00 -0.688007802 -0.382361608 0.908561355
## 2136 1.6878865159 -8.678362e-01 1.176942345 -0.175185870 1.158835027
## 2137 -0.1780421122 -1.872201e-01 -0.803704806 -0.106127291 -0.227296080
## 2138 1.3319834895 2.899318e-01 -0.892804574 -0.150522092 0.672726548
## 2139 0.8043801740 -8.230392e-01 1.561452169 -0.352765074 0.254912383
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## 2140 -1.1485629587  5.844946e-01 -2.129583452 -0.263975472 -1.009922005
## 2141 -0.9404324587  1.070303e+00 -2.314770927 -0.219580671 -0.598017042
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## 2143 -0.4012189434  1.205526e-01  0.908972626 -0.367563341 -0.902007014
## 2144  0.2503748059 -1.073172e+00  1.578425707 -0.185051381 -0.692008863
## 2145  1.0579257583 -4.611204e-01 -0.667034358 -0.214647915  1.794145117
## 2146  0.2836432824 -6.358831e-02  0.611877047 -0.288639250 -0.312588722
## 2147  1.3188626406 -6.929830e-01  0.932914394 -0.249177205  1.195776348
## 2148  1.4099719251 -1.102396e+00 -0.636161824  0.757104949  2.275440641
## 2149  0.4123886084  1.194194e+00  1.474316584 -0.150522092  0.945825125
## 2150 -0.7363524583 -1.169325e+00 -0.020675354 -0.347832318  1.166458094
## 2151  0.8894507081  5.904968e-01 -0.431319834  0.175039782  0.080733055
## 2152  0.2326015413 -5.746932e-01 -0.314173603 -0.051866979  0.523524936
## 2153 -0.8321721806 -2.342423e+00 -0.952631929 -0.362630585 -0.949239365
## 2154  1.3316962393 -4.705142e-01 -1.191678788  0.239165605  0.990381594
## 2155  1.6600271792  9.693895e-01 -0.824575125 -0.323168540  0.523524936
## 2156 -1.0317782000 -6.058283e-01  0.317336518  0.214501827  0.225322182
## 2157 -0.4670608532 -2.808103e-01 -1.189670043 -0.051866979 -0.660462051
## 2158 -0.6522297072 -1.122096e+00  0.819065426  4.570125072 -0.487255451
## 2159 -1.0459043589  1.901226e-01 -0.465835667 -0.219580671 -0.355223035
## 2160  1.1005416393  1.240513e+00  0.891102215 -0.382361608  1.178468669
## 2161  0.1625878312  5.448657e-01  0.629620452 -0.086396268  0.818630887
## 2162 -0.0825494574 -1.225978e+00  0.255902946 -0.333034051 -0.631584319
## 2163  0.6782970466 -1.113769e-01 -0.944093003  0.175039782 -0.973304141
## 2164  1.0328502710  1.876105e+00 -0.949379344 -0.051866979  1.871152401
## 2165 -0.2366046246  4.422836e-01  0.802563697 -0.411958142  1.008791687
## 2166  1.5115514079 -8.649835e-01  0.530257382  4.570125072  2.135954621
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## 2170 -0.9419388026 -1.444172e+00 -0.927096147 -0.387294363 -0.727843424
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## 2172 -1.1490216658 -4.164401e-01  0.014103876 -0.323168540 -0.189381780
## 2173  0.8914251338 -8.564910e-01  0.530257382  0.199703560  0.354504685
## 2174  0.6331587020  8.390251e-02  0.580424818 -0.283706495  0.807489295
## 2175  1.6613595823 -8.075176e-01  0.356238098 -0.397159875  1.774893297
## 2176  0.9676065815  2.557072e+00  1.027748671 -0.313303028  0.971613708
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## 2178  0.1338086107  2.911498e-01 -0.462933258 -0.347832318  0.143301473
## 2179 -0.3173157630  2.284808e-01  1.038113073 -0.249177205 -0.682171551
## 2180  0.9033383785 -3.181504e-01 -1.597684969 -0.367563341 -0.641210230
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## 2185 -1.1356192379 -2.330827e-01 -2.049863526 -0.313303028 -0.725436946
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## 2187  1.1127142195  1.551195e-01 -0.762598105 -0.229446182  1.392486769
## 2188  0.0634709492 -2.550462e-03  1.442913632 -0.372496096  0.025257816
## 2189  1.3970313344 -1.356773e-03 -0.850939589 -0.219580671  2.395764521
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## 2192 -0.8237719849 -1.375609e+00 -1.703383874 -0.278773739 -0.432648837
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## 2201 -1.1937273258  4.263837e-01 -2.257614299 -0.323168540 -0.899388623
## 2202  1.6644203823  1.757176e-01 -0.744001484 -0.194916893  1.702698968
## 2203 -0.5557214331 -3.781461e-01  0.490854786 -0.318235784 -0.466193676
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## 2212 -1.2667370037 -9.636339e-03  1.051068576 -0.263975472 -0.695902903
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## 2214  0.2799184993  4.246606e-01  0.564031037 -0.337966807 -0.543234767
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## 2227 1.1768986819 -2.080241e-01 0.260284646 -0.367563341 1.132212013
## 2228 -0.9206855204 -4.307222e-01 -0.343553145 -0.367563341 -0.732656379
## 2229 0.8871661114 5.097959e-01 -0.137103405 0.313156940 1.115518430
## 2230 -0.4390051283 8.343329e-02 -0.127627402 -0.288639250 -0.588267722
## 2231 1.1123021066 3.256028e-01 0.007891529 -0.288639250 1.251561390
## 2232 -0.7055769193 -2.154168e-02 -0.722765220 -0.323168540 -0.968491186
## 2233 0.6973048176 2.764109e-02 -0.137103405 0.757104949 1.144396161
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## 2240 1.1515648968 -3.161305e-01 0.355358101 -0.303437517 1.080165941
## 2241 -0.5439843536 6.446102e-02 -0.433917403 -0.357697829 -0.564202946
## 2242 1.1802370307 5.798860e-01 0.645885241 -0.318235784 0.992149445
## 2243 1.1437571939 1.680474e-01 -0.435798320 0.757104949 1.187712758
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## 2245 -0.5751211712 3.560432e-01 1.198054638 -0.308370273 -0.662206343
## 2246 1.0886620326 2.866381e-01 0.525156153 -0.367563341 1.261053028
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## 2248  0.4591077932  4.947884e-02 -0.344413053  0.022124356  0.261931454
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## 2275 -0.7428294681 1.695997e-01 -0.626892345 -0.367563341 -1.002181872
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## 2278 -0.5166467394 -3.026707e-01 -0.358140358 -0.382361608 -0.516073394
## 2279 -0.7405190004 -5.870255e-01 -0.732741361 -0.387294363 -0.922925472
## 2280 -0.4229972481 -7.126920e-01 -0.261886665 -0.377428852 -0.289864498
## 2281 -1.3439571812 -5.223077e-01 -0.579993672 -0.407025386 -1.112330372
## 2282 -0.6383412079 1.764248e+00 -0.277075590 -0.407025386 1.736317279
## 2283 -1.1937273258 4.263837e-01 -2.257614299 -0.323168540 -0.899388623
## 2284 -0.3474191594 -5.744770e-01 1.095316599 -0.382361608 -0.793713753
## 2285 -1.0552235855 1.460328e+00 -0.782440049 -0.298504762 -0.790411842
## 2286 -0.8446848851 1.437676e-01 0.962208768 -0.377428852 -0.719560664
## 2287 -0.7143550093 2.063898e+00 -0.921057552 -0.392227119 -0.520886349
## 2288 -1.2868253468 -6.238064e-01 -0.824629050 -0.407025386 -1.106135157
## 2289 -1.1790478695 1.895296e+00 -2.216558253 -0.263975472 -0.927588563
## 2290 -0.9782656859 -7.470823e-01 -2.015852155 -0.347832318 -0.548328638
## 2291 0.1646027568 1.653962e+00 -0.234390002 1.003742732 -0.867419126
## 2292 -1.1683100408 -1.386042e-02 0.825642835 -0.249177205 -0.891557805
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## 2299 0.5224897680 2.137704e-01 -1.070029418 -0.199849648 0.422452876
## 2300 1.6057550483 -2.066516e-01 -0.131989978 -0.328101295 2.151543192
## 2301 1.0459654478 2.837005e-01 0.833416137 -0.402092630 1.468376278
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##	2302	1.5265326055	1.549514e-01	-0.292740902	-0.362630585	1.758567216
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##	2304	1.2628806905	1.733944e+00	1.213822073	-0.392227119	1.794942640
##	2305	0.3881183760	1.524531e+00	0.314014610	-0.096261780	1.648299151
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##	2309	1.3923442420	-1.731016e+00	0.094952505	-0.278773739	1.853185538
##	2310	1.1704281850	3.185808e-01	0.745436498	-0.411958142	0.919626654
##	2311	-0.5590408550	1.216331e-01	1.150234503	-0.229446182	-0.169540617
##	2312	-0.5467580625	1.128117e+00	0.458328707	-0.229446182	-0.415001334
##	2313	-1.0430710556	8.476753e-01	-1.280654350	-0.219580671	-0.843354350
##	2314	-1.2610242746	-6.046278e-01	-1.004913314	-0.382361608	-0.878193305
##	2315	-1.3358727535	8.001312e-01	-1.066748363	-0.372496096	-1.122505753
##	2316	-0.9189875998	-5.492942e-01	-0.596492134	-0.387294363	-0.830811497
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##	2318	-0.6887416673	-1.799747e-01	0.667722081	-0.402092630	-0.453154363
##	2319	-0.9813861824	1.796235e+00	-1.392302814	-0.352765074	-0.328368140
##	2320	-1.0809004730	-1.158475e+00	-1.438521246	-0.111060047	-0.920361633
##	2321	-0.6854121596	-9.254427e-01	0.882219433	-0.382361608	-0.909165539
##	2322	-1.2516454153	7.161257e-01	-1.044160567	-0.377428852	-1.026246648
##	2323	-0.7433002201	1.369686e+00	0.752338795	-0.333034051	-0.088696753
##	2324	-1.0076148634	-1.763049e-01	-0.832692680	-0.397159875	-0.972100902
##	2325	1.6242060539	-3.190493e-01	-0.039414562	0.757104949	2.891498910
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##	2328	-0.7447693351	-3.705242e-01	-1.215666479	-0.278773739	0.215495801


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## 2336  0.3723164003  1.766647e+00  3.775839340 -0.323168540 -0.528313749
## 2337  1.5935953245  8.451121e-01  0.373547626  4.570125072  1.096170524
## 2338  0.8030812183 -3.284743e-02 -0.660541120  0.239165605  1.880778312
## 2339  1.6777178580 -2.721368e-03  1.096493806 -0.120925558  2.497154793
## 2340  0.9737412589 -3.385923e-01 -0.754246007 -0.219580671  0.691978369
## 2341 -0.2345906009  7.525585e-01 -0.894446435 -0.357697829 -1.079189156
## 2342  0.7923574043  4.552411e-01 -0.605402078  0.175039782 -0.929987544
## 2343 -0.9132267001 -1.342676e+00 -0.641567802 -0.342899562 -0.253349052
## 2344  0.8894507081  5.904968e-01 -0.431319834  0.175039782  0.080733055
## 2345 -0.6693932696  1.725575e-01 -0.248268649 -0.209715160 -0.795224797
## 2346 -0.3856246545  2.481047e-01  1.649612783 -0.155454847 -0.615878887
## 2347 -0.4214016549 -1.299981e+00 -0.622789560  0.007326089 -0.467943842
## 2348  0.7906519955  5.769070e-01 -0.165150913 -0.387294363 -0.578641812
## 2349 -0.1022843955 -1.470858e+00  0.056085998 -0.347832318 -0.346958465
## 2350 -1.0620160413  2.401550e-01 -0.463645004 -0.402092630 -0.862606171
## 2351 -1.1658981200 -1.448911e+00 -1.859459355 -0.313303028 -0.874780116
## 2352 -1.1957835009 -1.741461e-01 -1.908264932 -0.288639250 -1.017304546
## 2353 -0.2234445520 -1.009155e+00  0.759812689 -0.273840983 -0.493925172
## 2354 -1.2529207169 -4.278164e-01 -1.476206054 -0.313303028 -0.992555962
## 2355 -1.1384789101  1.304617e+00 -0.116869958  4.570125072 -0.932877123
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## 2356 -1.0128215495 -6.089910e-01 -0.380232789 -0.150522092 -1.045498469
## 2357 -0.1372572094 -8.439337e-01 -0.539994839 -0.337966807 -0.586587826
## 2358 -0.2172296278 2.478302e-01 1.666269857 0.115846714 -1.096277114
## 2359 0.8224688225 -1.250710e+00 0.232585664 -0.244244449 2.086131068
## 2360 1.3142809676 -1.069139e+00 -0.275947966 -0.012404933 0.542776757
## 2361 1.2233120497 4.552708e-02 1.576909552 -0.111060047 1.010508497
## 2362 1.5138153394 -4.509409e-01 0.874873744 -0.303437517 1.407295862
## 2363 1.4388581592 -4.017380e-01 -0.006100414 -0.362630585 1.109589427
## 2364 1.5936721137 -7.712178e-01 -0.295211033 -0.342899562 1.197338669
## 2365 1.1327011709 4.494664e-01 0.315468791 -0.342899562 1.540974327
## 2366 0.8404983577 -5.708128e-01 1.432369465 0.115846714 -0.349946518
## 2367 1.6695975629 1.123585e+00 -0.606016380 -0.303437517 1.279158908
## 2368 1.4336700685 9.864554e-01 1.387911636 -0.249177205 0.046397251
## 2369 1.1693401276 -2.122449e+00 -0.554096203 -0.347832318 1.062575922
## 2370 1.6727595868 -1.957785e+00 -0.535332683 4.570125072 0.752355391
## 2371 -0.6348327578 -2.290658e-01 -0.583732900 -0.199849648 -0.978117096
## 2372 -1.2890545790 6.127110e-01 1.818438496 -0.204782404 -0.658135861
## 2373 -0.2549058467 -1.378163e-01 1.249719611 -0.352765074 -0.055850810
## 2374 -0.4568893033 -1.034057e+00 1.310178622 -0.308370273 -0.512864757
## 2375 -1.0517932487 -3.627783e-01 1.906131729 -0.318235784 -0.130745281
## 2376 -1.0040106235 -1.202792e+00 -1.752125239 -0.155454847 -0.627625276
## 2377 -0.3784717735 1.190487e-01 1.583151056 -0.342899562 -0.256337239
## 2378 -0.8572084076 2.700079e+00 1.301934211 -0.273840983 -0.933143580
## 2379 -1.0063044282 6.430592e-02 -0.902889957 -0.061732490 -0.958865275
## 2380 -0.9828037462 -7.336023e-01 0.627895860 -0.382361608 -0.293343169
## 2381 -0.6986626135 -9.892619e-01 -0.704501646 -0.397159875 -0.681184941
## 2382 0.3536549700 -1.513109e+00 0.246316160 -0.367563341 0.304343807
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## 2383 -0.5589606484 2.810409e-01 1.045978095 -0.337966807 -0.471226290
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## 2385 0.6160550077 -9.866455e-01 0.524991598 4.570125072 0.702631765
## 2386 1.2267925967 9.475896e-01 -0.535449495 0.816298017 0.103543269
## 2387 1.6878865159 -1.431268e-01 -0.488993063 -0.268908228 2.703793656
## 2388 1.0974483154 4.163661e-01 -0.056793808 -0.096261780 2.136266019
## 2389 1.1408189026 -2.938179e-01 -0.358644687 -0.155454847 1.837461715
## 2390 -0.5163023348 1.310511e+00 -0.005634792 -0.367563341 0.177195238
## 2391 -0.8577843924 2.698972e-01 -0.269776954 -0.214647915 -0.564202946
## 2392 -0.1111837276 1.999325e+00 0.448637718 -0.387294363 0.898935444
## 2393 -0.5825962591 -8.508834e-01 -0.936091178 -0.150522092 2.516088402
## 2394 1.2202241833 -8.946071e-01 -1.250401235 -0.283706495 -0.318742229
## 2395 -0.3970541323 5.105363e-01 1.694697931 -0.249177205 1.081657373
## 2396 -1.3188173662 -2.149042e-01 -1.604609990 0.816298017 0.026170913
## 2397 1.6644203823 1.757176e-01 -0.744001484 -0.194916893 1.702698968
## 2398 0.2105996542 1.484717e-01 -0.048384753 -0.382361608 -0.725436946
## 2399 -1.2707990246 2.232627e+00 -0.373531099 1.003742732 -1.108066887
## 2400 0.7162147612 -5.971134e-01 0.784185228 4.570125072 0.423737783
## 2401 0.3886999478 -1.260706e+00 -0.573621445 -0.377428852 1.216590490
## 2402 -0.9822668398 -1.252831e-01 0.212847576 -0.387294363 -0.639940321
## 2403 1.2169656961 3.467204e-01 -0.817047236 -0.224513427 -0.078094468
## 2404 -1.0594009812 -7.975225e-02 -0.968199272 0.002393334 -0.386123603
## 2405 1.6878865159 -7.960178e-01 -0.691097972 -0.229446182 1.837461715
## 2406 1.2705878192 -5.261515e-01 0.154427299 -0.259042716 1.141051041
## 2407 -0.4011095088 1.495930e-01 -1.185884783 -0.333034051 -0.304303364
## 2408 1.6830365996 3.694268e-02 -0.813259807 -0.229446182 2.535340223
## 2409 0.5564999187 1.481395e+00 0.548395086 -0.318235784 0.612934835
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## 2410  0.7024407365 -4.554100e-02  0.994369201 -0.293572006  1.097734597
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## 2413 -0.3437866309  1.814675e-01 -1.367399820  0.002393334 -0.222483125
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## 2415  1.0218000102 -1.534146e+00  0.426377809 -0.342899562  1.355709678
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## 2418 -1.1790478695  1.895296e+00 -2.216558253 -0.263975472 -0.927588563
## 2419  0.4705119788 -2.874339e-01 -0.906236482 -0.219580671 -1.045498469
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## 2422  1.3550940756 -7.429617e-01 -1.336031068 -0.367563341 -0.987743007
## 2423 -0.9537709905  5.468592e-02  0.797969882 -0.362630585 -0.075531725
## 2424 -1.0015407633 -2.430293e-01  1.935929384 -0.323168540 -0.631905747
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## 2426  1.6125631241 -2.815070e-01 -1.280364216  0.105981202  1.529432580
## 2427 -0.3252901072  5.367178e-01 -0.786947197 -0.333034051 -1.098440977
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## 2429 -0.4302018290  5.550823e-01 -0.405989712 -0.135723825 -0.559389991
## 2430 -1.3153623356  4.710031e-01 -1.795903059 -0.387294363 -0.984992746
## 2431  1.5429650257  1.270537e+00 -0.457340559  4.570125072  0.978725440
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## 2433 -0.1916284510 -2.672839e-02 -0.722180953 -0.032135956 -0.559389991
## 2434 -1.1198772321  1.672583e+00 -0.857415489 -0.377428852 -0.998518616
## 2435  1.3798935123 -8.894539e-01 -0.690915523  0.757104949  2.078109476
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## 2437  1.2998382359 -3.122134e-02  1.173612386 -0.323168540  1.315497771
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## 2440 -1.1078091865  1.359192e+00 -0.245010452 -0.392227119 -1.090799856
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## 2442  1.0244946662  7.179998e-01  1.253519253 -0.288639250  0.816946557
## 2443  1.3375949562  7.789585e-01  0.338628605 -0.120925558  1.542835989
## 2444 -0.9020793419 -1.997111e+00 -0.479705351 -0.278773739 -0.203231304
## 2445 -0.8542779586 -9.978575e-01 -0.652850912 -0.259042716 -0.997368917
## 2446  1.6035082908 -7.470823e-01 -1.129477662 -0.106127291  0.456143563
## 2447 -0.6058537847  5.587783e-01 -0.864160502 -0.130791069  0.480208339
## 2448 -1.0304675757 -1.606808e-01  0.432819953 -0.377428852 -0.964294422
## 2449 -1.0192661166  3.775738e-01 -1.883352700 -0.318235784 -0.620284338
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## 2454 -1.2094845016 -6.822050e-02 -0.013615833 -0.397159875 -0.910735723
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## 2456  1.1312862941  1.733944e+00  0.237731318 -0.204782404  0.722288651
## 2457  0.5921407492 -6.986090e-02  0.672204625 -0.298504762  0.832483348
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## 2460 -1.3113375217 -6.344023e-01 -0.413735191 -0.022270445 -0.989999881
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## 2462 -0.8995311482 -1.680429e-01 -1.054188524 -0.397159875 -0.636397275
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## 2465 -1.0809004730 -1.158475e+00 -1.438521246 -0.111060047 -0.920361633
## 2466 -0.2549058467 -1.378163e-01 1.249719611 -0.352765074 -0.055850810
## 2467 -0.9745632757 -1.293162e+00 -0.502688131 0.816298017 0.190989997
## 2468 -0.8438118427 -1.026014e+00 -0.207904872 -0.288639250 -0.944426409
## 2469 -0.0767312441 7.335244e-01 0.077381604 -0.367563341 0.447385224
## 2470 -0.8699777867 5.621091e-01 0.530257382 -0.323168540 -0.604865259
## 2471 -0.7405190004 -5.870255e-01 -0.732741361 -0.387294363 -0.922925472
## 2472 -0.9685325418 4.930289e-01 -0.397144883 -0.239311694 -0.930627139
## 2473 0.4178170932 -4.906538e-01 1.431960344 -0.298504762 1.127289681
## 2474 -1.2587645728 1.393015e-01 -0.383069874 -0.402092630 -1.100760473
## 2475 -0.8418771563 1.132307e+00 1.101595035 -0.367563341 -0.477751373
## 2476 0.0412199789 1.713129e-02 -0.567914551 0.816298017 -0.740091603
## 2477 -1.1846791459 4.783045e-01 -0.641530669 -0.387294363 -1.076003770
## 2478 -1.2229424482 4.429626e-01 -0.914722961 -0.402092630 -1.112879843
## 2479 -1.0296762062 -1.247850e+00 0.354404772 0.816298017 -0.757589065
## 2480 1.6089200990 -1.419064e-01 -0.106192587 0.313156940 1.943346730
## 2481 1.0705750640 -9.358683e-01 0.943064532 -0.204782404 0.073935096
## 2482 -0.6969058721 -1.247112e+00 0.166678876 0.199703560 0.973288757
## 2483 1.2590226948 -6.304599e-01 -0.148495293 0.757104949 1.885591267
## 2484 0.9380450251 -9.159320e-01 -0.239897402 0.757104949 1.596813953
## 2485 0.9410597740 -1.685584e+00 -1.519681877 0.002393334 1.336914370
## 2486 1.5066629098 -3.213856e-01 0.235519705 0.022124356 1.608830571
## 2487 1.4443258477 -2.491381e+00 -0.448213948 -0.120925558 -0.795224797
## 2488 1.0942249855 -4.955599e-01 -0.426799007 -0.387294363 -0.511260439
## 2489 -0.3689556498 -7.429617e-01 -1.037442951 -0.140656580 -0.766347066
## 2490 -0.1772455545 -2.146801e+00 2.038588784 -0.160387603 0.012061857
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## 2491 -0.9023729622 -7.307485e-01 -0.688207611 -0.392227119 -0.768449276
## 2492 -0.5042934453 1.296139e+00 1.434919213 -0.328101295 0.431043088
## 2493 1.6802979653 1.619590e+00 1.267857314 -0.313303028 2.628101352
## 2494 0.2572816368 -5.470745e-01 -0.290633046 0.757104949 0.975942728
## 2495 -1.2410346052 5.520175e-01 -2.126723189 -0.170253114 -1.061582269
## 2496 0.0523681127 -3.284743e-02 0.090766881 -0.333034051 0.141502692
## 2497 0.0476155685 -5.648655e-01 -0.667406598 -0.328101295 -0.958865275
## 2498 -0.9794306712 -2.612758e-01 0.222881199 0.214501827 -0.661819862
## 2499 -0.9121383607 -6.768428e-01 1.754552352 -0.313303028 -0.757589065
## 2500 -0.2050675996 1.481701e+00 0.727104809 -0.372496096 -0.017221988
## 2501 1.4903911949 -2.000210e-01 0.739407773 -0.318235784 1.305651841
## 2502 0.5482556080 -7.945770e-01 -0.764399367 -0.342899562 0.056668279
## 2503 -0.6634555371 1.954237e+00 -0.632006642 -0.214647915 -0.251360856
## 2504 0.5078560148 -9.133226e-01 -0.295966063 -0.347832318 -0.034777871
## 2505 0.6787242548 7.203041e-01 -0.290160970 -0.268908228 -0.309116319
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## 2507 -1.3398599369 1.490380e+00 -1.821409204 -0.337966807 -1.087502442
## 2508 0.5613856005 -1.339625e+00 2.103308154 -0.303437517 0.076451066
## 2509 -1.2460213367 -4.695800e-02 -2.293341826 -0.377428852 -0.985644467
## 2510 1.5853798839 1.128117e+00 -0.100027805 -0.392227119 2.824257246
## 2511 0.3524844546 -7.561840e-01 -0.990545052 -0.283706495 0.788237474
## 2512 1.3198330050 3.655715e-01 0.744509002 -0.273840983 0.127130438
## 2513 1.6726335291 -5.057190e-01 0.229553355 -0.303437517 2.565032086
## 2514 1.1232326759 2.030297e-01 0.246736442 4.570125072 0.271345143
## 2515 -0.5480946131 1.201204e+00 -0.661825672 -0.032135956 -0.395749513
## 2516 -1.0375904990 1.723774e+00 0.611877047 -0.372496096 -0.917699147
## 2517 0.4722349326 5.166053e-01 0.542814254 -0.096261780 1.782400884
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## 2518 -0.5096669401 -1.274935e+00 1.198054638 -0.362630585 -0.489222170
## 2519 0.8568802026 8.747919e-01 1.235154486 -0.170253114 -0.049400926
## 2520 1.6361814758 8.424861e-01 -0.337225843 -0.115992802 0.311754906
## 2521 -0.6015253295 -4.913055e-01 -0.635822832 -0.377428852 -0.467943842
## 2522 -0.6685894231 -1.900269e-01 0.274515767 -0.347832318 -0.366505009
## 2523 1.2051320501 1.106100e-01 0.596762294 -0.283706495 0.903200088
## 2524 -0.8560937904 -7.204205e-02 -0.392494891 -0.323168540 -0.881857991
## 2525 0.5099868199 -2.212310e-01 0.102457761 0.115846714 0.612112630
## 2526 -0.4200814457 7.017888e-02 0.288421339 -0.372496096 -0.343817643
## 2527 1.1768986819 -2.080241e-01 0.260284646 -0.367563341 1.132212013
## 2528 -0.9206855204 -4.307222e-01 -0.343553145 -0.367563341 -0.732656379
## 2529 0.8871661114 5.097959e-01 -0.137103405 0.313156940 1.115518430
## 2530 -0.6888841253 -7.173649e-02 -0.222083723 -0.357697829 -0.809663663
## 2531 -0.4390051283 8.343329e-02 -0.127627402 -0.288639250 -0.588267722
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## 2536 -0.4406505960 -7.007335e-01 0.554440987 -0.337966807 -0.722067878
## 2537 1.1010731065 2.930143e-01 0.415989852 -0.288639250 1.337928760
## 2538 1.1280568276 -3.480968e-01 -0.070131337 -0.120925558 1.081321116
## 2539 -0.6715598870 8.012530e-02 0.856736041 0.022124356 -0.897901176
## 2540 0.8583381084 -2.095266e-01 -0.274860349 -0.209715160 0.557215623
## 2541 -0.6559891296 -3.104376e-01 -0.217758645 -0.313303028 -0.804850708
## 2542 1.1515648968 -3.161305e-01 0.355358101 -0.303437517 1.080165941
## 2543 -0.6862550706 5.212800e-01 1.244429448 -0.185051381 -0.631686879
## 2544 1.1802370307 5.798860e-01 0.645885241 -0.318235784 0.992149445
```



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## 2545 -0.9586582218  6.597385e-01  0.050854676 -0.367563341 -0.838541394
## 2546  1.1437571939  1.680474e-01 -0.435798320  0.757104949  1.187712758
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## 2548  1.0886620326  2.866381e-01  0.525156153 -0.367563341  1.261053028
## 2549  0.4591077932  4.947884e-02 -0.344413053  0.022124356  0.261931454
## 2550 -0.2231198822 -4.483793e-01 -0.434621909 -0.372496096 -0.910735723
## 2551  1.2545306279 -6.422036e-02  0.838435668 -0.259042716  0.455796683
## 2552 -1.0545697051 -2.049964e-01 -0.709079277 -0.337966807 -0.707270400
## 2553  1.0833644684  1.045558e-01 -0.209760910  0.313156940  0.831554071
## 2554 -0.1777019016 -1.141776e-01 -0.948179804 -0.392227119 -0.458317931
## 2555  1.0706251753 -7.410186e-01  0.340689129 -0.209715160  0.576602519
## 2556  1.0459654478 -2.920678e-01 -0.422714111  0.757104949  1.283971863
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## 2558  0.8768892602  4.636220e-02  0.509329263 -0.367563341  0.852316685
## 2559 -0.6918732298 -5.841108e-01 -0.351776120 -0.185051381 -0.881857991
## 2560  0.5457428608 -6.484520e-01 -0.024756337 -0.273840983  1.030227624
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## 2563 -0.6991068803 -2.172927e-01 -0.157599377 -0.352765074 -0.732656379
## 2564  0.9979821878 -5.016222e-01  0.222614031 -0.283706495  0.464279123
## 2565 -0.9406733227 -9.570153e-01  0.035151958 -0.209715160 -0.795224797
## 2566  0.9999602040  3.145293e-01 -0.202640929  0.313156940  1.365792102
## 2567 -0.2454364130  3.901007e-02 -0.878267263 -0.402092630 -0.910735723
## 2568 -0.7483909013  6.270856e-02  0.010936408 -0.337966807 -0.640161656
## 2569  1.1717109881  5.766646e-01  0.361188077 -0.357697829  0.536594262
## 2570 -0.1659791359 -3.946315e-01 -0.556907142 -0.382361608 -0.386123603
## 2571 -0.5863939602 -3.035655e-01  0.480286159 -0.318235784 -0.758937192
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## 2575  0.5993885265  1.885999e-01  0.679301987 -0.239311694  0.671413924
## 2576 -0.6185127049  7.845129e-01 -0.866925247 -0.362630585 -0.843354350
## 2577 -1.1651013073 -3.360247e-01 -0.661936731 -0.333034051 -0.888167109
## 2578  1.0166549108 -4.717000e-01 -0.041080270 -0.273840983  1.001893901
## 2579 -0.9868336777  6.127110e-01 -0.424502880 -0.392227119 -0.886670947
## 2580 -1.0358611354 -1.033706e-01  0.591042051 -0.333034051 -0.862085330
## 2581 -0.6642575838  8.278972e-01  0.667890542 -0.323168540 -0.615878887
## 2582 -0.6637517132  1.570681e+00  0.924786797 -0.308370273 -0.462279290
## 2583 -0.0582816547  7.941713e-01 -0.884457473 -0.377428852 -0.135849931
## 2584 -0.9097837332  1.139870e+00  2.120635489 -0.308370273  0.738172816
## 2585 -0.1080704760 -4.824901e-01  1.540951953 -0.337966807 -0.631387872
## 2586 -1.2605001169  9.421455e-01 -0.605965284 -0.377428852 -1.088815066
## 2587 -0.8446848851  1.437676e-01  0.962208768 -0.377428852 -0.719560664
## 2588  0.0387387927 -2.457104e-02 -0.770322633 -0.318235784 -0.034777871
## 2589 -1.3586969096  1.397574e+00  0.297058341 -0.411958142 -1.122505753
## 2590  1.1344209932  4.909772e-01  1.151690469 -0.318235784 -0.305470557
## 2591 -1.0618629867 -1.614275e+00 -0.622463419 -0.323168540 -1.038882979
## 2592 -1.2990092843  9.587064e-01 -0.222938338 -0.387294363 -0.891483902
## 2593 -0.2320698704  1.059636e+00  1.656608754 -0.259042716 -0.019872197
## 2594 -0.3935680069  1.304880e+00 -0.588663311 -0.032135956 -0.954052320
## 2595 -1.0699767625  4.692536e-01  1.646461444 -0.239311694 -0.276750939
## 2596 -1.3113464762  8.246462e-02 -1.338623656 -0.219580671 -1.053062448
## 2597  0.6782970466 -1.113769e-01 -0.944093003  0.175039782 -0.973304141
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## 2601  1.5628050748 -9.886857e-01  0.220961811 -0.308370273  1.013918265
## 2602  1.3919856164  1.842701e+00  0.210308297 -0.229446182  1.439523648
## 2603  0.1329703810 -1.317697e+00  0.105835126 -0.268908228  1.208474526
## 2604  1.4049682115  8.704138e-01  0.908285303 -0.367563341  1.265531421
## 2605  1.4777503551  6.633130e-01  1.894471777 -0.352765074 -0.256393080
## 2606  0.3609648278 -1.111266e+00 -1.081240705 -0.032135956 -0.848167305
## 2607  1.6789666406 -2.593592e-01 -0.252454273 -0.293572006  2.362073835
## 2608  0.1312996530 -2.446243e+00  0.763456424 -0.106127291  0.495885626
## 2609  0.7328832837 -2.783069e-01  1.573823094 -0.333034051  0.474015241
## 2610  1.6829018797  4.734729e-01 -0.709571929 -0.229446182  1.842274670
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## 2612 -0.2201650223 -1.062840e+00  1.074388480 -0.263975472 -0.580286746
## 2613 -0.5584624561 -9.366293e-01  1.341558731 -0.244244449 -0.388157944
## 2614 -0.4693216239 -9.089625e-01  1.121999951 -0.342899562 -0.851353346
## 2615 -0.6011880242 -9.921263e-01  0.035469850 -0.091329024  0.082604344
## 2616 -1.0023652096  4.748248e-01  0.924752428 -0.313303028 -0.388727332
## 2617 -0.8638195947 -4.724502e-01  1.064348703 -0.337966807 -0.482633092
## 2618 -1.3128373271 -1.302856e+00 -0.790618086 -0.402092630 -1.122505753
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## 2622 -1.3103150972 -5.256402e-01 -0.751467010 -0.303437517 -1.105067509
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## 2626  0.3440110228 -1.076548e+00  0.269074456  4.570125072 -0.773903855
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## 2630  0.7050909716 -1.144273e+00  0.403293460 -0.096261780  0.986396674
## 2631  1.1050488071  7.859097e-01  1.500755939 -0.293572006  1.394422157
## 2632  1.4704304916  3.089962e-01  0.070219273  4.570125072  0.893732249
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## 2636  1.6658605421 -1.258709e+00 -0.424206174 -0.214647915  1.592000998
## 2637  0.9186626103 -1.499267e+00  0.424151818  4.570125072  0.772528074
## 2638  1.4726375531  5.608779e-01 -0.577618983 -0.120925558 -0.275425632
## 2639  0.2114130132 -1.237712e-01 -0.261787835 -0.189984137  2.063670610
## 2640  0.1794109785  1.160961e+00  0.308251895 -0.209715160 -0.490860981
## 2641 -1.2154666736  6.127110e-01 -1.991950292 -0.313303028 -0.997493929
## 2642  0.2830061484 -1.629755e+00 -1.218688462 -0.392227119 -0.588267722
## 2643 -0.7691845871  3.453040e-01 -0.220898593 -0.387294363 -0.703778648
## 2644 -0.5652055083  5.737651e-01 -1.062890217 -0.392227119  0.388762190
## 2645 -0.9097837332  1.139870e+00  2.120635489 -0.308370273  0.738172816
## 2646 -0.5759051972 -1.122410e+00  0.331949998 -0.308370273 -0.387193148
## 2647 -0.0074897213  4.713327e-02 -1.050488396 -0.402092630 -0.068468557
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## 2651  0.7172418984 -9.366293e-01 -0.327354910 -0.402092630 -0.694152737
## 2652 -1.0887796612  6.996638e-01  1.285995018 -0.323168540 -0.735404796
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## 2653 -1.2467736614 1.572933e-01 -2.353637434 -0.170253114 -1.095159417
## 2654 -1.2843229126 1.023270e+00 -2.126603424 -0.170253114 -1.122505753
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## 2656 0.4929072916 -1.083422e+00 -0.290235035 0.175039782 -1.016620738
## 2657 -0.0170078680 -1.613020e+00 0.871624103 -0.303437517 -0.718186412
## 2658 -1.0994851945 -3.392142e-01 -0.447719338 -0.111060047 -0.694152737
## 2659 -0.3000402984 1.060531e+00 1.199218555 -0.288639250 -0.530463503
## 2660 0.1509443298 3.687786e-01 0.334370187 -0.392227119 1.272932975
## 2661 0.9223519932 1.123134e+00 1.395733826 -0.352765074 0.436891742
## 2662 0.7589658755 -8.842867e-01 -0.328549530 -0.214647915 1.553497356
## 2663 0.9959364223 1.747213e+00 1.518762209 -0.382361608 0.874456552
## 2664 1.3036509694 8.566434e-01 1.604096825 -0.318235784 0.191009524
## 2665 1.5633723376 -7.706285e-01 1.571879769 -0.342899562 1.732504968
## 2666 0.5108843813 7.133572e-01 -0.611447222 -0.367563341 1.202151624
## 2667 1.6408093960 -1.951591e+00 0.436080846 -0.303437517 1.700874503
## 2668 1.2400924067 2.869705e-01 0.523978947 -0.288639250 2.078069167
## 2669 0.1598689387 -1.020172e+00 0.675163137 -0.357697829 -0.426237365
## 2670 -0.3928677592 -3.313716e-01 0.566532789 -0.086396268 1.226400628
## 2671 -1.2949198009 2.024228e-01 -1.882057149 -0.170253114 -1.070473805
## 2672 -0.5759778477 -2.190372e+00 1.934115614 -0.382361608 -0.315269591
## 2673 -1.2866835048 1.210003e+00 -0.786637475 -0.367563341 -1.093599115
## 2674 0.3924273590 2.678236e-01 1.241514460 -0.273840983 -0.820910647
## 2675 -1.0586014585 -1.245532e+00 0.035609555 -0.377428852 -0.904148616
## 2676 -0.1835175716 1.365740e+00 -0.440948583 -0.032135956 -0.655649096
## 2677 -0.6559891296 -3.104376e-01 -0.217758645 -0.313303028 -0.804850708
## 2678 -0.5634070467 -9.396319e-01 -0.700376978 -0.392227119 -0.986503878
## 2679 -0.6674584298 -8.088899e-02 1.457035510 -0.263975472 -0.874854273
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## 2680 -1.0779884324 -5.234719e-01 -0.105415770 -0.407025386 -0.891341647
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## 2682 -0.2516306615 -1.224965e+00 1.119338440 -0.347832318 -0.855119351
## 2683 0.1503854417 1.464848e+00 0.547440470 -0.367563341 -0.716858046
## 2684 -0.1241683215 -1.091563e+00 -1.286798945 -0.268908228 -0.554577036
## 2685 1.4099719251 -1.102396e+00 -0.636161824 0.757104949 2.275440641
## 2686 1.1060715537 -1.071065e+00 0.982875523 -0.377428852 1.644731294
## 2687 1.6173210964 -2.970440e-01 -1.020931965 0.105981202 1.014446370
## 2688 -0.3550474691 5.163154e-01 -0.179704145 -0.155454847 0.090579526
## 2689 -0.8669887810 6.127110e-01 0.130842002 0.214501827 0.282518445
## 2690 1.6446156313 -4.449060e-01 0.321035144 4.570125072 1.205940812
## 2691 -0.3423019773 -2.037967e-01 0.740136520 -0.288639250 -0.169351874
## 2692 0.5596697202 -3.556267e-01 0.891102215 -0.387294363 1.459810520
## 2693 -0.0755817309 7.009877e-02 -0.432609070 1.003742732 0.234747622
## 2694 1.2697360977 8.178445e-02 -0.356710603 0.757104949 1.274345952
## 2695 0.6034833350 -3.239224e-01 -0.811315266 -0.189984137 3.007009836
## 2696 0.6033397239 -1.116463e+00 -0.240101286 -0.283706495 -0.631584319
## 2697 1.5459982662 9.099682e-01 -0.137009876 -0.397159875 0.229934667
## 2698 1.5600519595 -5.640498e-01 -0.301736618 0.757104949 2.198433357
## 2699 1.6512793475 6.695202e-01 0.727862886 -0.120925558 1.786193278
## 2700 0.9826834877 5.573775e-01 -0.129301159 -0.402092630 -0.313929274
## 2701 1.1897155694 1.199044e+00 0.794549630 -0.150522092 2.778129145
## 2702 1.6266997492 1.854216e-01 -0.416196345 1.003742732 1.312849594
## 2703 1.4232228172 3.208832e-01 -0.702199553 -0.155454847 2.496836581
## 2704 1.6520813825 6.127110e-01 -0.174249196 0.105981202 2.588282731
## 2705 1.0124195392 1.958571e-01 -0.553431297 0.431543076 0.191431025
## 2706 0.4476903891 2.145161e-01 0.339811498 -0.263975472 0.800226999
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## 2707  0.0672566634 -5.085221e-01 -0.656555595 -0.357697829  0.340632637
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## 2709  0.4006832356  3.009535e-01  0.838598338  4.570125072 -0.241563054
## 2710  1.6149057176 -7.803362e-01 -0.937677076  0.105981202  2.188807446
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## 2713  0.9950220807 -6.404319e-01  0.831622298 -0.333034051  0.501680378
## 2714  1.4810663553  8.498593e-02 -0.118040625 -0.333034051  0.898935444
## 2715  0.6004961633 -1.655073e+00  0.004923541  4.570125072 -0.352786810
## 2716  1.0302252649  2.807095e-01  1.688905224 -0.293572006  1.030493726
## 2717  1.6727595868 -1.957785e+00 -0.535332683  4.570125072  0.752355391
## 2718  1.6090275363  8.735694e-01  1.597591458 -0.352765074  3.157765632
## 2719 -0.1115797805 -1.706396e+00 -0.734392811 -0.032135956 -0.852980260
## 2720 -0.2881505508  2.073230e+00 -0.805886757  1.003742732 -0.039590826
## 2721 -0.1489453219  1.606489e-01 -0.007804710 -0.337966807 -0.136579166
## 2722 -0.5288105345  3.178539e-01 -0.469085828  0.816298017  0.678874890
## 2723  0.1396263456 -1.357284e+00  0.816517655 -0.288639250  0.782387535
## 2724  1.1578837406 -8.935921e-01  0.571067215  4.570125072  1.144240905
## 2725  0.2591257226 -3.161305e-01  0.642836230 -0.337966807 -0.302832155
## 2726  1.6745067029  2.015922e-01  0.352975960  4.570125072  0.979324549
## 2727  0.1600243040 -2.573852e+00  0.007881924  0.313156940  0.244373533
## 2728  0.2910687139 -1.273770e+00 -0.206525536 -0.308370273  0.509958595
## 2729  0.3073946684 -3.985277e-01 -0.379956593  1.003742732  0.783424519
## 2730  1.6351764102  4.746759e-01  0.873919128  4.570125072  1.036765567
## 2731  1.5772181571 -5.969474e-01  0.788719654 -0.313303028  2.581022510
## 2732  1.4631444392  1.495930e-01 -0.534346939  0.757104949  1.856713535
## 2733  0.7865069275  1.002283e+00 -0.113923626  4.570125072  0.604943190
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## 2734	1.0900126513	7.384692e-01	0.240054130	4.570125072	1.227274746
## 2735	1.4638773633	1.210003e+00	0.582915231	4.570125072	1.673401851
## 2736	1.6787529909	-7.905089e-01	-0.609536231	-0.194916893	1.563123266
## 2737	1.4251343337	-1.025866e-01	-0.005502467	0.757104949	1.996289237
## 2738	0.1343415593	-1.096823e+00	-0.602612760	-0.051866979	0.797863384
## 2739	0.4358272781	-1.947565e+00	-0.480271798	4.570125072	0.609067376
## 2740	1.2863548964	-1.390175e+00	0.562905248	4.570125072	1.059920499
## 2741	1.3256918450	-3.135250e-01	0.140994367	4.570125072	1.274992469
## 2742	1.4459313119	8.754611e-02	1.035521973	-0.204782404	0.558766408
## 2743	1.5990341654	4.649757e-01	-1.087021157	-0.411958142	-0.455363444
## 2744	1.5936075685	1.035958e+00	0.353414776	-0.372496096	3.068242339
## 2745	0.2169908226	-2.596883e-01	2.186834279	-0.357697829	-0.476923639
## 2746	-0.5181540639	-1.065125e+00	-0.406220875	4.570125072	-0.066003385
## 2747	0.5775790049	-5.004411e-01	-0.008443052	-0.120925558	-0.795224797
## 2748	0.9664230785	1.287121e+00	2.014687491	-0.111060047	0.802676340
## 2749	1.0596247229	8.004065e-01	0.452933490	4.570125072	0.873521241
## 2750	0.9273266238	4.376144e-01	-0.559270233	0.313156940	1.717137834
## 2751	1.0150566893	-2.540238e-01	0.497609517	4.570125072	1.421183306
## 2752	1.6499908964	4.142319e-01	-0.763100380	-0.249177205	2.193620402
## 2753	0.3696228327	-3.642393e-02	-0.103718617	-0.185051381	1.033698191
## 2754	1.1806117825	-4.063596e-01	0.831699334	-0.288639250	1.907873467
## 2755	0.9660373441	1.577064e+00	-0.355293110	-0.392227119	1.918723930
## 2756	1.6387299706	1.279074e+00	0.668923049	4.570125072	1.368600021
## 2757	0.6331587020	8.390251e-02	0.580424818	-0.283706495	0.807489295
## 2758	-1.0870544647	8.693789e-01	0.493157535	4.570125072	-1.026438782
## 2759	1.5160218754	1.362832e+00	-1.020555809	0.175039782	-0.034777871
## 2760	1.2126000749	-6.819725e-01	0.240903069	1.003742732	2.819304582

## 2761	1.6715513225	8.123416e-01	-0.686607035	-0.115992802	1.149209116
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## 2763	1.3746396449	4.097373e-02	0.394224608	4.570125072	1.814723818
## 2764	1.3174568354	5.692347e-01	0.536157599	4.570125072	1.117834287
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## 2767	1.0150566893	-2.540238e-01	0.497609517	4.570125072	1.421183306
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## 2769	1.2071503546	-1.210929e+00	0.125423846	4.570125072	0.782035986
## 2770	0.3511901896	-2.312423e-01	-0.450941006	-0.283706495	0.388762190
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## 2772	-0.1843428500	-1.058146e+00	0.883207283	-0.160387603	-0.388413763
## 2773	1.6502248200	1.401727e+00	-0.760542499	-0.263975472	0.542776757
## 2774	1.5426199745	1.264857e+00	0.893381605	4.570125072	1.011393492
## 2775	1.5240842322	9.817081e-01	0.548858328	-0.411958142	1.827835804
## 2776	0.4006832356	3.009535e-01	0.838598338	4.570125072	-0.241563054
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## 2781	1.6174339208	-7.648779e-01	0.450843655	4.570125072	0.616629331
## 2782	1.6695315378	-1.258709e+00	0.892704029	-0.120925558	2.448396516
## 2783	0.2251000724	4.962989e-01	0.187981370	4.570125072	0.437248257
## 2784	1.5811156080	8.012530e-02	-0.555284157	4.570125072	1.394360744
## 2785	1.3111014242	4.208346e-02	-0.997411430	-0.268908228	1.977037416
## 2786	1.5401733801	3.884644e-01	0.236426590	4.570125072	0.330461864
## 2787	1.6684311756	-8.002715e-01	-0.778585157	-0.214647915	2.530527268

## 2788	1.3916615584	-1.238183e+00	0.724888890	4.570125072	1.295449499
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## 2790	1.1077729178	3.065012e-02	-0.442400489	-0.298504762	1.375418012
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## 2792	1.4539646588	1.194527e+00	0.494784145	4.570125072	-0.258900984
## 2793	-0.4793728947	6.127110e-01	-0.873044351	0.757104949	-0.029964915
## 2794	1.4111805955	1.065975e+00	0.965562260	4.570125072	1.039157040
## 2795	1.1322419951	4.098212e-01	0.826847150	4.570125072	1.090033258
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## 2797	1.4890695794	-6.455363e-01	-0.381631284	0.757104949	2.415016342
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## 2800	1.0581955666	2.858802e-01	-0.481676181	-0.032135956	1.572749177
## 2801	1.5369967536	1.087589e-01	0.511052755	0.707777392	2.354204839
## 2802	1.6420989382	9.311520e-02	0.055379334	4.570125072	1.131525317
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## 2815  1.5115514079 -8.649835e-01  0.530257382  4.570125072  2.135954621
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## 2832  0.7275132700 -3.284743e-02 -0.284904615 -0.259042716  0.388762190
## 2833  0.9270066616 -2.769914e-01 -0.652825970 -0.268908228  0.273251264
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## 2840  0.9273266238  4.376144e-01 -0.559270233  0.313156940  1.717137834
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## 2842  1.3763533628  4.763333e-02  0.639083602 -0.313303028  0.926201325
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## 2855 -1.1733167818 -7.571325e-01 -0.573015325 -0.387294363 -1.002181872
## 2856 -0.7829347993 -3.332672e-01 -0.210522889 -0.199849648 -0.848167305
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## 2859 -0.3458450637  2.791101e-02 -0.624217529 -0.298504762 -1.006994828
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## 2877 -0.4613979944 -1.323964e+00 0.355358101 -0.125858314 -0.009411872
## 2878 -0.9503336847 3.351419e-01 1.821977292 -0.367563341 0.348647888
## 2879 0.2441182731 -1.000466e+00 1.358254462 -0.333034051 -0.554453097
## 2880 0.0602071459 -1.870764e-01 0.125182010 0.175039782 -0.723030469
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## 2903 1.3818232930 8.229423e-01 1.204016255 -0.318235784 0.509913776
## 2904 1.4553608916 2.006993e-01 1.080607121 -0.229446182 0.978925405
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## 2914 0.0245220020 -1.682917e+00 0.269074456 -0.313303028 0.508051510
## 2915 -0.0331291793 -4.038895e-01 1.201546389 -0.185051381 0.609028053
## 2916 -0.4613979944 -1.323964e+00 0.355358101 -0.125858314 -0.009411872
## 2917 -1.1172004488 -1.794868e+00 -0.387991456 -0.352765074 -0.492008618
## 2918 -0.8828416044 -5.157210e-01 -1.017998662 -0.046934223 -0.578641812
## 2919 -0.8461078379 -3.616114e-01 -0.361314903 -0.185051381 -0.886670947
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## 2921 -0.9544877616 1.265332e-01 0.560627490 -0.091329024 -0.509421185
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## 2931  0.1860539648 -1.306939e+00 -0.600477413 -0.278773739  0.229934667
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## 2933  0.3138359361 -1.141689e+00  0.757372971 -0.263975472  0.070009001
## 2934  1.3787951525 -1.639634e+00 -0.287666664 -0.155454847  1.864357641
## 2935 -0.5570308760  4.336906e-01  0.081349227  0.816298017 -0.310443348
## 2936  0.2940790971 -9.789245e-01 -0.748675544 -0.382361608  0.663100638
## 2937  1.6127096677  4.192947e-01  0.198677495  4.570125072  1.065201171
## 2938  1.0686777389  2.001203e+00  1.370939928 -0.150522092  2.220061735
## 2939  1.5215590261 -3.640261e-01 -0.222100958 -0.263975472 -0.617145454
## 2940  0.1396263456 -1.357284e+00  0.816517655 -0.288639250  0.782387535
## 2941 -0.4930230070 -2.003500e+00  1.174145848 -0.377428852 -0.675942897
## 2942 -0.5752310675  2.165054e+00  0.899693759 -0.411958142 -0.967803621
## 2943 -1.2704083613  2.256395e+00 -1.793055861 -0.288639250 -0.816110725
## 2944 -1.1736670437  1.914788e+00  0.387377253  0.816298017 -1.122505753
## 2945 -0.4852815098 -1.453508e+00 -0.359858960 -0.333034051 -0.708488099
## 2946 -0.0755969484  2.928397e-01  0.118272409 -0.392227119  0.012776046
## 2947 -0.6421589717  2.335581e+00 -0.615749337 -0.411958142 -1.036450359
## 2948 -1.2161796079  2.192401e+00 -0.048992380 -0.288639250 -1.078321246
## 2949 -0.2071252483 -3.992667e-01 -0.215561025 -0.362630585 -0.337994050
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## 2950 -0.5845675065 -2.048021e-01 1.445637418 0.707777392 -0.792413691
## 2951 -0.1514442510 -1.197384e+00 -1.183755574 -0.214647915 -0.203231304
## 2952 1.1122165814 -8.117382e-01 -0.949308525 0.105981202 0.460956518
## 2953 -1.0870544647 8.693789e-01 0.493157535 4.570125072 -1.026438782
## 2954 0.5275245916 6.810351e-01 1.794658906 -0.377428852 0.118824414
## 2955 0.5568827293 8.133298e-02 0.191914211 -0.352765074 0.059117986
## 2956 -0.6780381272 2.408307e-01 -0.032011418 4.570125072 -1.054139912
## 2957 0.1545599434 3.884644e-01 0.653923541 4.570125072 -0.938336548
## 2958 1.0948465919 -1.010723e+00 -0.051426424 -0.333034051 0.788237474
## 2959 1.6174507486 2.003540e+00 1.080302948 -0.397159875 2.202520203
## 2960 1.5881006207 -9.004297e-01 0.496867520 4.570125072 0.297867875
## 2961 1.6110237603 1.018263e+00 0.446038365 4.570125072 0.219122561
## 2962 0.7734955731 3.925206e-01 0.574306090 4.570125072 0.965515753
## 2963 1.6043757989 -1.068236e+00 0.863014477 4.570125072 0.400487761
## 2964 1.5865071472 -2.412247e+00 0.778381163 -0.254109961 2.355698436
## 2965 1.4084920817 7.261478e-01 0.800891007 4.570125072 0.736928392
## 2966 1.6493410618 -3.870889e-01 0.908675827 4.570125072 0.458770382
## 2967 1.4739305918 3.433739e-02 -0.047052440 4.570125072 0.397374846
## 2968 1.5690320730 -5.334846e-01 0.899693759 -0.273840983 1.283971863
## 2969 1.5927205668 1.018842e+00 0.314781468 4.570125072 0.671252470
## 2970 1.5290012363 9.233861e-01 -0.786040780 -0.061732490 3.088830075
## 2971 0.2441182731 -1.000466e+00 1.358254462 -0.333034051 -0.554453097
## 2972 0.0602071459 -1.870764e-01 0.125182010 0.175039782 -0.723030469
## 2973 -0.4901143520 -2.102943e-02 1.128801590 -0.333034051 -0.274769320
## 2974 0.0245220020 -1.682917e+00 0.269074456 -0.313303028 0.508051510
## 2975 -0.4613979944 -1.323964e+00 0.355358101 -0.125858314 -0.009411872
## 2976 -1.2549760022 1.959024e+00 0.378678005 4.570125072 0.201446333
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## 2977 -1.1172004488 -1.794868e+00 -0.387991456 -0.352765074 -0.492008618
## 2978 -0.8828416044 -5.157210e-01 -1.017998662 -0.046934223 -0.578641812
## 2979 -0.0331291793 -4.038895e-01 1.201546389 -0.185051381 0.609028053
## 2980 -0.6929983148 -1.620415e-03 -0.282390583 -0.091329024 -0.495486254
## 2981 -0.1129066449 4.250156e-01 -0.360765998 -0.175185870 -0.135849931
## 2982 -0.9544877616 1.265332e-01 0.560627490 -0.091329024 -0.509421185
## 2983 -0.8461078379 -3.616114e-01 -0.361314903 -0.185051381 -0.886670947
## 2984 -0.6323380855 -1.216241e+00 -0.580186733 -0.106127291 -0.814476618
## 2985 1.5911602579 3.529131e-01 0.148038465 1.003742732 1.774893297
## 2986 1.3256918450 -3.135250e-01 0.140994367 4.570125072 1.274992469
## 2987 1.1070997091 1.022392e+00 -1.036840178 0.757104949 1.904843088
## 2988 1.0061053746 1.203508e+00 -0.904530406 0.757104949 1.389856878
## 2989 1.1823099856 -1.652232e-01 -0.032011418 4.570125072 1.768392682
## 2990 1.0900126513 7.384692e-01 0.240054130 4.570125072 1.227274746
## 2991 1.1286103315 6.127110e-01 0.055774468 0.757104949 1.678634192
## 2992 1.0109528057 5.513179e-01 0.147489300 4.570125072 0.982659974
## 2993 1.6262103638 1.109681e+00 0.564007286 -0.303437517 2.570343534
## 2994 0.6910904456 6.127110e-01 0.055033453 0.199703560 0.354504685
## 2995 1.4753729913 -1.532550e-01 0.600847363 4.570125072 1.536554865
## 2996 1.6146467044 4.792866e-01 -0.508282488 1.003742732 2.280253596
## 2997 1.1292229013 -4.652938e-01 0.439568866 4.570125072 0.843181408
## 2998 1.0439888013 1.704253e-01 0.846870650 -0.328101295 1.443366988
## 2999 1.6695315378 -1.258709e+00 0.892704029 -0.120925558 2.448396516
## 3000 1.5772181571 -5.969474e-01 0.788719654 -0.313303028 2.581022510
## 3001 0.3354696046 -4.570451e-01 0.742468510 4.570125072 -0.739582017
## 3002 -0.8617549130 9.259968e-01 -0.958429492 -0.411958142 -0.903196217
## 3003 1.5920105986 -1.176923e-01 0.457081131 4.570125072 1.902149599
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## 3004	0.3469139562	4.839894e-01	-0.668246361	0.757104949	0.841179982
## 3005	0.6077707009	8.165716e-01	-0.578948922	-0.268908228	1.818209894
## 3006	-1.0895921209	6.450379e-01	0.890744234	-0.323168540	-0.740651454
## 3007	1.3410668614	1.354130e+00	-0.757849324	-0.298504762	2.313944282
## 3008	-0.3668310369	2.529908e-01	1.785722582	-0.150522092	-0.274148897
## 3009	1.6878865159	8.686935e-01	-0.766880943	-0.214647915	2.612347507
## 3010	0.6102298365	7.284905e-01	0.754711460	0.214501827	2.123153801
## 3011	0.5596697202	-3.556267e-01	0.891102215	-0.387294363	1.459810520
## 3012	0.0926200016	-1.244010e+00	1.618519577	-0.037068712	1.202854640
## 3013	1.0013528614	-7.630486e-01	1.002792283	-0.283706495	-0.271434401
## 3014	0.8719050517	5.382235e-01	1.665159386	-0.377428852	0.767478257
## 3015	1.2654005259	-8.190877e-01	-1.495662694	0.239165605	1.500554848
## 3016	-1.3269417052	-1.366558e-01	-0.559669043	0.816298017	-1.122505753
## 3017	0.9686055828	-3.623419e-01	0.827586161	-0.352765074	1.799892963
## 3018	1.6556618958	5.376990e-01	-0.556907142	0.105981202	2.246562909
## 3019	-1.3113923931	-8.606103e-01	-0.710570993	0.431543076	-1.122505753
## 3020	-1.1156376782	-1.816936e+00	0.937017678	-0.239311694	-0.549903362
## 3021	0.2727092416	7.108835e-01	0.075519251	-0.372496096	-1.122505753
## 3022	0.1805024131	-1.021691e-01	-0.381513225	-0.101194535	0.436891742
## 3023	1.0120056616	-1.198718e+00	-0.999857326	0.431543076	0.470582429
## 3024	1.6117945181	6.610181e-01	0.149365614	4.570125072	0.210113572
## 3025	1.6446156313	-4.449060e-01	0.321035144	4.570125072	1.205940812
## 3026	1.3834609988	5.684212e-01	4.125150166	4.570125072	1.058290349
## 3027	0.3772171020	-1.026014e+00	0.104190799	-0.318235784	1.370259905
## 3028	1.6767529489	9.237100e-01	0.662190539	4.570125072	0.461504830
## 3029	1.6328499655	-3.206866e-01	-0.605122310	-0.115992802	1.640130550
## 3030	1.5123630770	6.372259e-01	-0.687458599	-0.106127291	-0.058842647

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## 3031  0.7116953577 -1.712948e-02 -1.113631637  0.757104949  1.206964579
## 3032 -1.3342005978 -6.422036e-02 -0.389324172  0.816298017 -1.113267835
## 3033  1.6562592105  5.926324e-01  0.458725542  4.570125072  0.353978521
## 3034  0.9410597740 -1.685584e+00 -1.519681877  0.002393334  1.336914370
## 3035 -1.3373946928  7.011070e-01 -0.755252335 -0.308370273 -1.082729264
## 3036  0.1747416056  1.291705e+00 -0.868159538 -0.323168540 -0.588967991
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## 3038 -0.4278503693  1.042216e+00 -0.061485186 -0.377428852 -0.253068679
## 3039  0.6957019346  1.129785e+00  0.649377974 -0.303437517  1.410051556
## 3040  1.5537943239 -3.107392e-02  0.187981370  4.570125072  0.868037460
## 3041  1.5975820610 -7.470823e-01 -0.703106438  0.757104949  2.982945060
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## 3044 -1.1891423825 -5.626506e-01 -0.409588988  0.816298017 -1.085411686
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## 3046  0.6879886892  4.857538e-01  1.295793547 -0.214647915  0.621666068
## 3047  1.2990395068  5.803841e-01 -0.328896982  0.757104949  1.360979147
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## 3049  0.9270066616 -2.769914e-01 -0.652825970 -0.268908228  0.273251264
## 3050  0.0860678303 -1.026014e+00  0.464961651  4.570125072 -0.381395832
## 3051  0.2114130132 -1.237712e-01 -0.261787835 -0.189984137  2.063670610
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## 3055  1.4559185667  1.193436e+00 -0.816467084 -0.298504762  1.346540281
## 3056 -1.1917722078 -1.218900e-01 -0.406066888 -0.333034051  0.470582429
## 3057  1.1913886655  1.179469e+00 -0.162102531  4.570125072  0.983162161
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## 3058	1.6669920134	-4.086863e-01	0.339811498	4.570125072	0.916570700
## 3059	-1.2390379872	1.191953e-01	0.648976895	0.214501827	1.274751642
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## 3061	1.3737053915	4.711600e-01	-0.562951459	0.757104949	2.347634969
## 3062	1.5627511471	-7.571325e-01	-0.152083014	-0.214647915	0.653474727
## 3063	1.6043757989	-1.068236e+00	0.863014477	4.570125072	0.400487761
## 3064	1.0541190004	1.438425e+00	-1.044971189	-0.032135956	1.673821237
## 3065	1.0642837387	-4.465755e-01	0.472155248	4.570125072	0.758005198
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## 3067	1.3724698126	-7.023155e-01	-0.944405369	-0.071598001	0.417639921
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## 3070	1.6452208185	1.283099e+00	-0.392640215	-0.402092630	3.396859210
## 3071	1.2997280693	-2.272091e-01	0.678656773	4.570125072	1.567625118
## 3072	1.1177748764	-1.901792e+00	-0.149906489	0.022124356	1.271194106
## 3073	0.6331587020	8.390251e-02	0.580424818	-0.283706495	0.807489295
## 3074	1.5560705802	2.620373e-01	-0.452370093	0.757104949	2.771175030
## 3075	1.3697760951	-4.125877e-01	-1.015715088	4.570125072	0.237677247
## 3076	0.6077707009	8.165716e-01	-0.578948922	-0.268908228	1.818209894
## 3077	0.1805024131	-1.021691e-01	-0.381513225	-0.101194535	0.436891742
## 3078	1.6792323390	5.824934e-01	-0.401825097	-0.268908228	2.323570193
## 3079	1.4084920817	7.261478e-01	0.800891007	4.570125072	0.736928392
## 3080	1.6453560076	-1.196325e+00	0.698938023	-0.303437517	1.994900756
## 3081	0.4984334132	-4.622326e-01	-0.533821208	0.816298017	-0.235624115
## 3082	1.5768679408	6.801270e-01	0.740136520	4.570125072	1.560009001
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## 3084	1.6819973318	-1.525857e+00	-0.267413041	-0.293572006	1.182899803

## 3085	1.3756206435	2.178317e+00	0.451111041	4.570125072	1.241866602
## 3086	-1.3295521865	-4.678977e-01	-1.052329897	0.816298017	-1.100628684
## 3087	1.6727282681	-1.547417e-01	-0.088073410	4.570125072	0.722207372
## 3088	0.5758161601	1.121956e+00	1.190634669	4.570125072	0.640896332
## 3089	1.0974483154	4.163661e-01	-0.056793808	-0.096261780	2.136266019
## 3090	0.6782389393	7.828360e-01	1.027567897	-0.155454847	0.183867810
## 3091	-0.5688905571	1.367328e+00	-0.769795875	-0.032135956	0.042229413
## 3092	1.3059796697	1.295722e+00	0.244588556	-0.352765074	1.623709879
## 3093	0.7956169296	-1.660777e+00	-0.258732709	4.570125072	1.438516297
## 3094	1.4126162959	-3.089454e-01	0.040539395	-0.185051381	2.210465745
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## 3096	0.9298592908	5.352440e-01	1.466162870	0.115846714	1.423558732
## 3097	1.3358945118	8.952499e-01	-0.229971494	4.570125072	1.223997343
## 3098	-0.2071252483	-3.992667e-01	-0.215561025	-0.362630585	-0.337994050
## 3099	1.3917991242	6.753682e-01	1.052623236	-0.303437517	1.794659479
## 3100	1.6878865159	-3.705242e-01	-0.497408395	-0.214647915	1.693073058
## 3101	1.2654961109	-7.450900e-01	-0.664986520	0.313156940	2.458332939
## 3102	1.2834845592	8.582837e-01	0.956125300	-0.259042716	0.666748497
## 3103	0.3489587316	1.914207e+00	0.417698856	0.115846714	-0.966746684
## 3104	1.6662893664	-7.069704e-01	0.632281963	4.570125072	0.795885574
## 3105	1.6519971351	1.949967e-01	0.244588556	4.570125072	0.838065716
## 3106	1.1115063678	-9.048039e-03	-0.833241677	0.816298017	-0.089358295
## 3107	1.5401733801	3.884644e-01	0.236426590	4.570125072	0.330461864
## 3108	1.0091985691	-6.576770e-01	-0.294654300	-0.323168540	-0.357058640
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## 3110	1.5365834292	6.127110e-01	-1.126356196	0.175039782	0.398388100
## 3111	-0.2829599425	2.154407e+00	-0.474106766	-0.392227119	-0.179166528

## 3112	1.6486704469	-2.149119e-02	0.301195743	4.570125072	0.512964471
## 3113	1.6787529909	-7.905089e-01	-0.609536231	-0.194916893	1.563123266
## 3114	1.4123647031	6.022649e-03	-0.486812330	-0.180118626	-0.222483125
## 3115	0.5983874554	-1.213297e+00	0.188938785	4.570125072	-0.902783884
## 3116	1.6725761151	5.325225e-01	0.616978276	4.570125072	0.686347276
## 3117	-0.2366046246	4.422836e-01	0.802563697	-0.411958142	1.008791687
## 3118	0.6179008714	-1.215568e+00	-0.668995190	-0.283706495	0.937439086
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## 3120	1.6878865159	4.035610e-01	-0.707895495	-0.229446182	2.915563686
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## 3122	0.6973048176	2.764109e-02	-0.137103405	0.757104949	1.144396161
## 3123	1.1437571939	1.680474e-01	-0.435798320	0.757104949	1.187712758
## 3124	0.4591077932	4.947884e-02	-0.344413053	0.022124356	0.261931454
## 3125	-0.7077803448	4.321735e-01	-0.076060126	-0.392227119	-0.391649588
## 3126	0.5457428608	-6.484520e-01	-0.024756337	-0.273840983	1.030227624
## 3127	-0.4384832607	-1.917034e-02	-0.681500081	-0.397159875	-0.405375424
## 3128	0.6068194237	-3.810656e-02	0.238587110	-0.352765074	0.804344608
## 3129	0.5993885265	1.885999e-01	0.679301987	-0.239311694	0.671413924
## 3130	0.8655116227	9.335458e-01	0.495277526	-0.337966807	0.499414897
## 3131	0.8042122150	-3.122134e-02	0.742776509	0.022124356	0.745877489
## 3132	0.7755207678	4.723722e-01	0.057140005	-0.397159875	1.466588208
## 3133	0.9430560834	-1.836788e-01	0.562905248	-0.323168540	1.017244048
## 3134	1.1760413197	-3.166332e-01	-0.657695379	-0.229446182	0.547589712
## 3135	1.1025320391	-9.478293e-02	-0.827088821	0.105981202	0.205869891
## 3136	1.1823840700	-6.151523e-01	-0.358048162	0.431543076	0.537963802
## 3137	0.9592233296	-1.087955e-01	-0.828537597	0.757104949	1.370605057
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## 3139  1.0013884492 -3.715011e-01  0.656636218 -0.209715160  0.314197301
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## 3145  0.9270066616 -2.769914e-01 -0.652825970 -0.268908228  0.273251264
## 3146  0.7242687658 -3.948836e-01 -0.332852619 -0.180118626  1.019259325
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## 3148  0.9161580147 -8.472266e-02  0.635456061 -0.219580671  0.858767171
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## 3150 -1.1489223586 -3.634569e-01  0.080845402 -0.387294363 -0.975769313
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## 3154 -0.5824514908 -1.819107e-01 -0.635409377 -0.249177205 -0.602706588
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## 3158 -0.6348327578 -2.290658e-01 -0.583732900 -0.199849648 -0.978117096
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## 3162 -1.0431650397  3.746839e-01 -0.485453999 -0.219580671 -0.636429149
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## 3164 -0.2345906009  7.525585e-01 -0.894446435 -0.357697829 -1.079189156
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## 3170 -0.9900134374 -7.689593e-01 -0.381493993 -0.367563341 -0.949239365
## 3171 -1.2842220704  1.014663e+00 -0.356988951 -0.337966807 -1.114348202
## 3172 -1.2744476385  3.430474e-01 -1.223857722 -0.387294363 -1.104343658
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## 3183 -0.8371545710 -1.047620e-01 -0.231526154 -0.219580671 -0.229921328
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## 3280 -1.1751072720 3.468928e-01 0.913869806 -0.229446182 -0.542342492
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## 3299 1.4501776300 1.779472e-01 1.175794730 4.570125072 1.166285774
## 3300 -0.2824709918 1.299138e-01 1.737138859 -0.111060047 -0.002628588
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## 3309  1.1843898627  1.301091e-01  3.135808214  4.570125072  1.058290349
## 3310  0.1793493552 -8.253541e-01  1.361582539 -0.328101295  0.174653021
## 3311  0.5668429392 -1.047913e+00 -0.014521490 -0.012404933  0.071107144
## 3312  1.4729818902  4.662957e-01  0.058677098 -0.352765074  1.882267403
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## 3325  1.4767473185 -3.533156e-01 -0.638159623 -0.298504762  2.049231745
## 3326  1.6834525081  3.030682e-01 -0.355692605 -0.115992802  0.547589712
## 3327  1.4343516139  7.840523e-01 -0.748612503  0.071451913 -0.905922768
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## 3328  1.4760960444  8.118085e-01 -0.623806712  0.757104949  1.827835804
## 3329 -1.2041401982  9.290986e-01  0.493396889 -0.328101295 -0.433966832
## 3330  1.4026680627 -1.552272e+00 -0.698967634  1.003742732  1.332101415
## 3331 -0.6305674849  7.129625e-01 -0.766425285 -0.106127291 -0.915548678
## 3332  1.5336428287  7.323932e-01  0.519374760 -0.185051381  2.249361139
## 3333  0.9974220907 -3.516417e-01  0.422758312 -0.303437517  2.219240456
## 3334  1.4776863438 -5.917231e-01 -0.402367618 -0.323168540  0.003725771
## 3335  1.6486704469 -2.149119e-02  0.301195743  4.570125072  0.512964471
## 3336  1.5964828494 -1.435184e+00  1.790465004 -0.268908228  1.578514696
## 3337  1.6215691818 -4.061486e-01  1.479085983 -0.120925558  1.675481236
## 3338  0.2645358153 -9.922876e-02 -0.365121065 -0.224513427 -0.415001334
## 3339 -1.3066336960 -2.488247e-01 -0.375609426  0.816298017 -1.097394682
## 3340  0.3154173654 -4.336264e-01 -0.936498940 -0.130791069  0.841179982
## 3341  0.9358132045  4.485860e-01  2.510421419  0.022124356  0.771701875
## 3342  0.4660184107  6.411535e-01  1.419004841 -0.278773739 -0.157407959
## 3343  1.0805916692  2.094911e-02 -0.600213112  0.175039782 -1.079189156
## 3344  0.6325231962 -1.500945e+00 -0.363800388 -0.254109961  1.837461715
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## 3346 -0.7649266101 -6.794099e-01 -0.028325682 -0.155454847 -0.477569752
## 3347 -0.5467580625  1.128117e+00  0.458328707 -0.229446182 -0.415001334
## 3348  1.0989272550 -1.185151e+00 -0.068828739  0.757104949  1.837461715
## 3349 -0.1976138990  1.047475e+00 -0.231304782  1.003742732  0.152927383
## 3350  0.9859791566  4.241851e-01  0.240878572 -0.357697829  0.557390827
## 3351  1.3897825385  9.596724e-01  0.635573079 -0.313303028  1.799411134
## 3352  1.6712770929  2.647421e-01 -0.315527959 -0.194916893  1.842274670
## 3353  1.1756163916  7.734916e-01 -0.611357926  1.003742732  1.052950012
## 3354  1.0459654478 -2.920678e-01 -0.422714111  0.757104949  1.283971863
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## 3355	1.1428312329	1.589201e+00	0.815024066	-0.377428852	-0.424372958
## 3356	0.2869163522	-9.543404e-01	0.829176154	-0.111060047	-0.397541785
## 3357	1.6796749483	3.546614e-01	-1.208553215	-0.229446182	1.057762967
## 3358	1.0117231815	-4.414793e-01	-1.179495675	0.239165605	0.533150847
## 3359	1.3802632518	-6.404319e-01	-1.672628249	0.757104949	2.549779089
## 3360	-0.0073238021	5.308797e-01	-1.218542023	-0.175185870	0.653474727
## 3361	1.1900290252	3.325776e-02	-0.954443183	0.175039782	-1.055124380
## 3362	1.6443065535	1.562090e-01	0.214661346	0.313156940	1.977037416
## 3363	1.6548305073	-9.042514e-01	0.271326033	4.570125072	0.528314640
## 3364	1.6241426903	2.947494e-01	-1.001082992	0.071451913	0.870057713
## 3365	1.6344713869	6.127110e-01	0.175389275	4.570125072	0.424874426
## 3366	-1.2906494984	-5.826312e-02	1.221982602	-0.293572006	-0.481193478
## 3367	1.1673365358	8.361026e-01	0.621367706	4.570125072	1.058290349
## 3368	1.3806835021	-3.352167e-01	-1.112645707	-0.298504762	2.087735387
## 3369	1.5245557414	2.047657e+00	-0.051962892	4.570125072	1.865984460
## 3370	0.7834626163	-6.163330e-01	0.885947289	-0.249177205	0.285967768
## 3371	1.3863065478	9.097170e-01	-1.129754610	0.239165605	1.437986430
## 3372	0.7564064031	8.566434e-01	1.005135431	-0.229446182	0.912445494
## 3373	1.5793446620	-9.032633e-01	-0.899323410	0.071451913	0.066294189
## 3374	1.3427815841	1.226577e+00	0.860921665	4.570125072	1.343147542
## 3375	0.4556956008	-1.175823e+00	-0.503591703	0.175039782	-0.997368917
## 3376	1.1684007320	9.214564e-01	-0.736995305	-0.352765074	1.279158908
## 3377	1.6808897330	1.241003e-01	-0.797898778	-0.115992802	2.087735387
## 3378	1.6668479134	-7.683389e-01	1.039564090	-0.120925558	2.179491098
## 3379	0.3683257933	5.136253e-01	-0.135935556	1.003742732	0.080733055
## 3380	-0.7135352888	-1.244318e-01	0.026251489	0.816298017	-0.154218902
## 3381	-1.3295521865	-4.678977e-01	-1.052329897	0.816298017	-1.100628684

## 3382	0.5758161601	1.121956e+00	1.190634669	4.570125072	0.640896332
## 3383	1.6557749647	6.127110e-01	-0.256259386	-0.194916893	0.889309534
## 3384	0.8271613464	3.264845e-01	0.156167253	4.570125072	0.107364095
## 3385	1.6813401696	-3.473148e-01	-0.308297126	-0.268908228	1.900030133
## 3386	1.4036014564	2.309291e-01	0.428232802	4.570125072	1.010610346
## 3387	1.4241806530	1.523226e-01	-0.257549815	4.570125072	0.098004425
## 3388	1.6010808997	9.311520e-02	-0.280904599	0.757104949	1.669008281
## 3389	1.6348326486	-5.358217e-01	-1.035707287	0.105981202	1.606439863
## 3390	-0.1133194394	-1.143685e-01	-1.354332949	-0.244244449	0.263625354
## 3391	1.4501776300	1.779472e-01	1.175794730	4.570125072	1.166285774
## 3392	-1.3066336960	-2.488247e-01	-0.375609426	0.816298017	-1.097394682
## 3393	1.4946924026	-5.405900e-01	0.662190539	-0.293572006	2.023361418
## 3394	0.5529092732	1.100893e-01	0.253460259	4.570125072	0.999123492
## 3395	1.3737053915	4.711600e-01	-0.562951459	0.757104949	2.347634969
## 3396	-0.8102887947	5.698470e-01	1.378305605	4.570125072	-0.739467793
## 3397	0.3203773503	1.510557e+00	-1.213567207	-0.268908228	0.908561355
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## 3402	0.7963523419	8.563335e-01	0.783015053	-0.170253114	-0.173828638
## 3403	0.9158680170	-1.428650e+00	-0.537660734	-0.155454847	1.539058490
## 3404	1.4916862702	-8.016245e-01	-0.223154906	1.003742732	1.154022072
## 3405	1.5772181571	-5.969474e-01	0.788719654	-0.313303028	2.581022510
## 3406	1.1102586117	9.908784e-01	0.921042443	-0.214647915	1.071466680
## 3407	1.0777670420	1.553493e-01	-0.152379812	0.022124356	1.127027671
## 3408	1.4890695794	-6.455363e-01	-0.381631284	0.757104949	2.415016342


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## 3409 -1.1759395860 -2.172927e-01 0.328608799 0.214501827 0.317044821
## 3410 1.5087589124 2.336465e-01 0.373964408 4.570125072 1.023812121
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## 3412 0.3621874638 5.294945e-01 -0.554598300 -0.180118626 0.826741116
## 3413 1.6662893664 -7.069704e-01 0.632281963 4.570125072 0.795885574
## 3414 1.3754951448 3.678440e-01 -0.305536322 -0.012404933 0.364697414
## 3415 0.3354696046 -4.570451e-01 0.742468510 4.570125072 -0.739582017
## 3416 1.4188502756 1.408803e+00 1.502595996 -0.318235784 0.652793707
## 3417 1.0319014173 -1.994352e+00 -0.486849207 -0.273840983 1.405399632
## 3418 1.4443340872 1.102776e+00 -0.855426749 -0.298504762 1.606439863
## 3419 1.1638575200 4.820152e-01 -0.097307150 4.570125072 0.675373115
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## 3421 1.2051320501 1.106100e-01 0.596762294 -0.283706495 0.903200088
## 3422 0.5099868199 -2.212310e-01 0.102457761 0.115846714 0.612112630
## 3423 0.8871661114 5.097959e-01 -0.137103405 0.313156940 1.115518430
## 3424 0.6973048176 2.764109e-02 -0.137103405 0.757104949 1.144396161
## 3425 -0.4406505960 -7.007335e-01 0.554440987 -0.337966807 -0.722067878
## 3426 1.1010731065 2.930143e-01 0.415989852 -0.288639250 1.337928760
## 3427 1.1280568276 -3.480968e-01 -0.070131337 -0.120925558 1.081321116
## 3428 -0.6715598870 8.012530e-02 0.856736041 0.022124356 -0.897901176
## 3429 -0.6559891296 -3.104376e-01 -0.217758645 -0.313303028 -0.804850708
## 3430 1.1515648968 -3.161305e-01 0.355358101 -0.303437517 1.080165941
## 3431 1.1802370307 5.798860e-01 0.645885241 -0.318235784 0.992149445
## 3432 1.1437571939 1.680474e-01 -0.435798320 0.757104949 1.187712758
## 3433 1.0886620326 2.866381e-01 0.525156153 -0.367563341 1.261053028
## 3434 -0.8915761247 -2.920678e-01 -0.926804778 -0.377428852 -0.849706671
## 3435 1.2545306279 -6.422036e-02 0.838435668 -0.259042716 0.455796683
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## 3436	1.0833644684	1.045558e-01	-0.209760910	0.313156940	0.831554071
## 3437	1.0459654478	-2.920678e-01	-0.422714111	0.757104949	1.283971863
## 3438	0.5457428608	-6.484520e-01	-0.024756337	-0.273840983	1.030227624
## 3439	0.9999602040	3.145293e-01	-0.202640929	0.313156940	1.365792102
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## 3445	0.9388907424	4.492576e-01	1.019975370	-0.268908228	0.622851639
## 3446	1.0766350950	1.779472e-01	-0.226076459	-0.135723825	1.423547565
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## 3448	1.1188821931	-6.947197e-01	-0.120751755	-0.209715160	0.395156043
## 3449	1.2476996472	2.552709e-01	0.782536346	-0.204782404	1.266146103
## 3450	0.7755207678	4.723722e-01	0.057140005	-0.397159875	1.466588208
## 3451	-0.4200814457	-5.085221e-01	0.797969882	-0.288639250	-0.864668866
## 3452	1.0722704702	4.207883e-01	0.758792443	-0.342899562	1.175483118
## 3453	0.7424229244	3.548003e-01	-0.239551506	-0.259042716	0.802676340
## 3454	1.1025320391	-9.478293e-02	-0.827088821	0.105981202	0.205869891
## 3455	-0.6048580479	-8.611111e-01	0.560240116	0.022124356	-0.995403062
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## 3459	-0.9843730597	1.121083e-01	-0.968498830	-0.219580671	-0.978117096
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## 3461	-0.6292693583	8.846697e-01	-0.356230539	-0.185051381	-0.891483902
## 3462	-0.2453010306	-3.926193e-01	-0.424234316	-0.377428852	-0.096393470

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## 3463 -0.6741604757 8.356169e-01 -0.531561058 -0.397159875 -0.472756797
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## 3469 -1.0708327102 -3.735588e-01 -0.682939218 -0.254109961 -0.949239365
## 3470 -0.3081833678 8.757163e-01 -0.947052491 -0.199849648 -0.915548678
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## 3473 -0.5784260688 8.393433e-01 0.232881462 -0.333034051 -0.343682088
## 3474 -0.0323385183 5.446490e-01 0.374777144 -0.377428852 -0.013051728
## 3475 -1.0326878371 3.467875e-01 -0.160887027 -0.278773739 -0.905922768
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## 3478 -1.2342210187 -2.556353e-01 -0.559337873 -0.387294363 -1.083109121
## 3479 -0.4294688951 -1.139216e+00 1.051068576 -0.337966807 -0.881857991
## 3480 -1.0867044249 -1.416187e+00 -0.592201712 -0.362630585 -0.954472403
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## 3488 -0.7360644413 1.045512e+00 0.137600618 4.570125072 0.279693803
## 3489 0.2967346211 1.167849e+00 1.828752047 -0.352765074 -0.698456834
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## 3490  1.3648820886  7.564979e-02  1.297482230 -0.372496096 -0.653372933
## 3491  0.4492981103  1.962530e-01 -0.795528585 -0.298504762 -0.949239365
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## 3501  1.1760413197 -3.166332e-01 -0.657695379 -0.229446182  0.547589712
## 3502  1.1806787605 -3.291741e-03 -0.370107267 -0.224513427  0.687165414
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## 3504  0.7734955731  3.925206e-01  0.574306090  4.570125072  0.965515753
## 3505  1.5853798839  1.128117e+00 -0.100027805 -0.392227119  2.824257246
## 3506 -0.0094383363  2.122706e-01 -0.932495038 -0.268908228  0.071107144
## 3507  0.8599246475  3.601012e-01 -0.213207820 -0.012404933  0.268438309
## 3508  1.4273671814 -3.319327e+00  1.709152584 -0.347832318  0.169072107
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## 3510  0.3877241684 -1.733934e-01  0.607990396 -0.372496096  0.361407422
## 3511 -1.0435189563 -8.165925e-01 -0.320017399  1.003742732 -0.968491186
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## 3518 -1.0405809869 7.088456e-01 -0.690042218 -0.411958142 -0.911125962
## 3519 -1.0708327102 -3.735588e-01 -0.682939218 -0.254109961 -0.949239365
## 3520 -1.2660855975 -2.548494e-01 -0.892256772 -0.377428852 -1.095390512
## 3521 -0.6011880242 -9.921263e-01 0.035469850 -0.091329024 0.082604344
## 3522 -0.6764963005 6.601574e-01 1.405640218 -0.204782404 0.058404912
## 3523 -0.9917370149 -1.506040e-01 -0.588887929 -0.347832318 -0.085786602
## 3524 0.3536549700 -1.513109e+00 0.246316160 -0.367563341 0.304343807
## 3525 0.2790848888 9.532632e-01 -0.133582556 1.003742732 0.860431802
## 3526 0.8871661114 5.097959e-01 -0.137103405 0.313156940 1.115518430
## 3527 1.0121627975 1.116663e+00 0.942242356 4.570125072 1.077445799
## 3528 0.3354961841 6.127110e-01 -0.640753019 0.816298017 -0.540293427
## 3529 1.3834356807 -2.511619e-02 -0.797422495 0.071451913 0.095171921
## 3530 1.1079429666 -2.104508e-01 -0.392497632 0.757104949 2.934815507
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## 3533 1.6611268899 -5.708128e-01 -1.226275141 0.105981202 3.016635746
## 3534 -0.2049064115 1.159990e-01 -0.453579653 -0.140656580 0.148114428
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## 3537 1.3835875265 1.303346e+00 0.027480248 0.115846714 0.636445757
## 3538 1.5408350359 -6.759652e-01 0.914776691 4.570125072 1.425281241
## 3539 1.6227281255 1.150468e+00 -0.706193707 0.105981202 0.879683623
## 3540 1.4232228172 3.208832e-01 -0.702199553 -0.155454847 2.496836581
## 3541 -1.3564724131 8.305375e-01 0.074547588 -0.411958142 -0.953804229
## 3542 -0.9681763208 -2.236823e-01 -0.489629394 -0.392227119 -0.775972976
## 3543 -1.0131133528 1.110604e-01 -0.283647888 -0.278773739 -0.877045036
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## 3544 -0.1736004503 -2.568167e-01 0.428232802 -0.337966807 -0.235201157
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## 3546 -0.8340753270 1.424367e-01 1.140004289 -0.249177205 0.921279417
## 3547 -1.1342016873 -6.373029e-01 -1.940737954 -0.219580671 -0.750431907
## 3548 -1.2447886023 5.052988e-01 -1.148566595 -0.347832318 -0.826591688
## 3549 -1.3564596294 2.634745e-01 1.518284901 -0.411958142 -1.087629266
## 3550 -0.0858628824 3.930881e-01 0.871693126 -0.323168540 -0.143691262
## 3551 -0.7360644413 1.045512e+00 0.137600618 4.570125072 0.279693803
## 3552 0.6269528696 -1.951113e-01 -0.508316703 -0.032135956 0.167366249
## 3553 -0.1582678792 1.026370e+00 1.287094272 0.022124356 -0.671291200
## 3554 -0.1747655641 1.700032e+00 -0.122699934 -0.283706495 -0.920361633
## 3555 -0.0246218665 -7.160743e-01 0.510350147 4.570125072 -0.563217778
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## 3558 -0.5217139194 3.079806e-01 -0.034247854 -0.323168540 -0.091655718
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## 3561 1.6363829240 -3.279599e-01 -0.509287422 -0.175185870 1.779706252
## 3562 1.6407123298 -9.246499e-01 -0.408752242 -0.175185870 2.313944282
## 3563 0.6611362470 6.903663e-01 0.602274734 -0.278773739 -0.120058365
## 3564 -0.3970886941 -6.285912e-01 0.245537622 -0.273840983 -0.048279421
## 3565 0.9150685157 -1.754337e+00 -0.601160037 -0.051866979 1.664195326
## 3566 -0.0662069715 2.032940e+00 -0.704920209 -0.051866979 0.821928161
## 3567 1.4138807642 -1.045640e+00 0.584670492 -0.352765074 1.337449143
## 3568 1.0479782070 -2.733267e-01 1.460721559 -0.086396268 1.594214622
## 3569 1.6039801050 -4.336264e-01 0.178664981 -0.254109961 2.775810385
## 3570 1.4888175518 -2.601612e-02 1.475327183 -0.249177205 1.851495834
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## 3571 -0.1407136364 -1.240070e-01 -0.755350307 -0.175185870 -0.029964915
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## 3573 -0.8878157485 3.316632e-01 1.101595035 -0.337966807 -0.180347064
## 3574 -1.2549760022 1.959024e+00 0.378678005 4.570125072 0.201446333
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## 3576 0.0602071459 -1.870764e-01 0.125182010 0.175039782 -0.723030469
## 3577 -0.1684730330 -4.640728e-01 1.569834163 -0.352765074 -0.756869561
## 3578 0.2441182731 -1.000466e+00 1.358254462 -0.333034051 -0.554453097
## 3579 -0.6119636017 2.450110e-02 -1.769742910 0.056653646 0.250975476
## 3580 -0.1656975373 -1.046812e-01 -0.648638520 -0.175185870 0.278064219
## 3581 0.3139229487 3.345984e-01 0.056896041 0.175039782 -0.968491186
## 3582 -1.2722270333 1.425130e+00 1.698926211 -0.204782404 -0.522792218
## 3583 -0.5080908113 -1.323964e+00 0.352823329 -0.268908228 0.548659258
## 3584 -0.4260341445 -6.740733e-01 1.121028288 -0.185051381 -0.823222854
## 3585 1.1875239844 1.618448e-01 0.152229462 -0.288639250 1.192121572
## 3586 0.9993361381 -1.138692e+00 1.909022626 -0.111060047 0.812795562
## 3587 0.7091770409 -4.664496e-01 -0.438295971 0.757104949 1.351353236
## 3588 1.5537943239 -3.107392e-02 0.187981370 4.570125072 0.868037460
## 3589 0.0412199789 1.713129e-02 -0.567914551 0.816298017 -0.740091603
## 3590 0.8162872675 -1.416187e+00 1.295793547 0.115846714 0.807471314
## 3591 1.6080849201 3.009644e-02 0.726144577 -0.283706495 1.675107343
## 3592 1.5373282439 -4.637255e-01 0.923052018 -0.352765074 2.459090699
## 3593 0.7322777014 8.693789e-01 -0.137539873 0.313156940 1.601626908
## 3594 1.1727460630 -2.029139e+00 -0.313073303 -0.120925558 -0.612332498
## 3595 -1.1254421692 1.322825e+00 -1.320710605 -0.357697829 -0.939613454
## 3596 0.7099732463 2.691073e-01 0.628200980 4.570125072 0.763927971
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## 3598  0.8454829940  6.127110e-01 -1.243007599 -0.106127291  1.038511146
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## 3615  0.1329127595 -4.648943e-01 -0.056490976 -0.199849648  0.003725771
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## 3617  0.3335264769  7.963613e-01 -0.499307206 -0.259042716 -0.366871782
## 3618 -0.0172238024 -2.504864e+00 -0.059104002 -0.347832318 -0.848167305
## 3619  1.4946924026 -5.405900e-01  0.662190539 -0.293572006  2.023361418
## 3620  0.5653498348  5.038349e-01  1.140630526  4.570125072 -0.402518954
## 3621  0.6967833467 -1.810084e-01 -0.901796733  0.175039782 -1.016620738
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## 3623 -0.1074699973  8.592000e-02 -0.473911825  0.007326089 -0.285051543
## 3624  0.4756905744 -6.931966e-02  0.897545873  0.707777392  0.128796860
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## 3625 -0.3678404968 8.608375e-01 -1.004944341 -0.244244449 0.138488518
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## 3627 -0.7928190373 -5.578071e-01 -1.144211163 -0.382361608 -0.901109812
## 3628 1.6573296141 1.501836e+00 0.632281963 -0.352765074 2.714276901
## 3629 -0.8682458953 7.297628e-01 0.367018053 0.199703560 -0.698637537
## 3630 1.2889971125 1.024219e+00 1.842701589 -0.170253114 0.614127578
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## 3636 1.5946531000 8.731442e-01 0.907396522 -0.362630585 2.313445938
## 3637 0.9430560834 -1.836788e-01 0.562905248 -0.323168540 1.017244048
## 3638 -0.0482258082 2.663138e-01 -0.552563501 0.757104949 0.388762190
## 3639 0.7261055468 -1.349143e+00 0.010878329 1.003742732 1.914468998
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## 3641 0.3365003915 1.210003e+00 1.082818680 -0.333034051 1.001360613
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## 3643 1.5191034648 -1.730712e-01 0.487299664 -0.283706495 1.484511664
## 3644 -0.1437896584 1.065820e-01 -0.636730163 -0.372496096 -0.192216420
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## 3646 1.3108463916 1.262414e+00 -0.720187576 -0.224513427 0.460956518
## 3647 1.3649629205 3.694268e-02 0.459101777 -0.209715160 1.114424576
## 3648 1.6125631241 -2.815070e-01 -1.280364216 0.105981202 1.529432580
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## 3650 1.3973534331 -9.723656e-01 1.613572931 -0.318235784 0.848443705
## 3651 0.0678372430 1.884170e+00 0.107694815 -0.347832318 -0.382529432
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## 3652  1.3065618448 -6.784059e-01  0.663816834 -0.392227119  1.513597590
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## 3676  0.8031047166 -4.486698e-01  1.313806163 -0.362630585  1.041592822
## 3677  1.6417191518  8.855140e-01 -0.303682669  0.757104949  1.669008281
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## 3699  1.6777178580 -2.721368e-03  1.096493806 -0.120925558  2.497154793
## 3700  1.1188327759 -1.271823e+00  0.662403506 -0.155454847  1.273276407
## 3701  1.5665977049  1.280047e+00 -0.622506305 -0.249177205  1.505367804
## 3702 -0.6726014229 -8.659332e-01  0.704754596 -0.086396268  1.290867214
## 3703 -0.1330532518 -1.546509e-01  0.634730553 -0.288639250 -0.471005891
## 3704  1.3337438478 -7.323120e-01 -0.122699934  0.115846714  0.749810928
## 3705 -0.6239622028 -4.797725e-01  0.165116778 -0.411958142 -0.402697493
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## 3706	1.5650436688	7.556871e-01	2.097354943	-0.273840983	2.088591679
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## 3708	0.1065564509	-8.654861e-01	1.289320263	-0.318235784	0.687792056
## 3709	0.9520640349	1.362078e+00	-0.929827729	0.757104949	1.731576699
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## 3712	1.6200954633	1.158953e+00	-1.058087202	0.757104949	2.352447924
## 3713	0.9826834877	1.774716e+00	0.810096232	-0.318235784	1.826472597
## 3714	0.9787070537	1.148449e-01	-1.008367406	-0.219580671	1.481303027
## 3715	1.5009244708	4.168675e-01	0.140075571	4.570125072	0.500798674
## 3716	-1.1630807598	4.820152e-01	-0.775657251	0.757104949	-1.011807783
## 3717	0.7073373615	-1.669799e+00	-0.812203370	-0.323168540	-0.568286666
## 3718	1.3923442420	-1.731016e+00	0.094952505	-0.278773739	1.853185538
## 3719	-0.9912808345	-3.652907e-01	-1.256306387	-0.150522092	-0.323555185
## 3720	1.6530225460	1.261958e+00	0.669313107	-0.303437517	1.407295862
## 3721	-0.6015253295	-4.913055e-01	-0.635822832	-0.377428852	-0.467943842
## 3722	1.2051320501	1.106100e-01	0.596762294	-0.283706495	0.903200088
## 3723	0.5099868199	-2.212310e-01	0.102457761	0.115846714	0.612112630
## 3724	1.1768986819	-2.080241e-01	0.260284646	-0.367563341	1.132212013
## 3725	0.8871661114	5.097959e-01	-0.137103405	0.313156940	1.115518430
## 3726	-0.7055769193	-2.154168e-02	-0.722765220	-0.323168540	-0.968491186
## 3727	0.6973048176	2.764109e-02	-0.137103405	0.757104949	1.144396161
## 3728	-0.6715598870	8.012530e-02	0.856736041	0.022124356	-0.897901176
## 3729	1.1515648968	-3.161305e-01	0.355358101	-0.303437517	1.080165941
## 3730	-0.6862550706	5.212800e-01	1.244429448	-0.185051381	-0.631686879
## 3731	-0.9586582218	6.597385e-01	0.050854676	-0.367563341	-0.838541394
## 3732	1.1437571939	1.680474e-01	-0.435798320	0.757104949	1.187712758

## 3733	1.0886620326	2.866381e-01	0.525156153	-0.367563341	1.261053028
## 3734	0.4591077932	4.947884e-02	-0.344413053	0.022124356	0.261931454
## 3735	-0.6869154924	-1.874787e-02	-0.193860329	-0.254109961	-0.626771364
## 3736	1.0833644684	1.045558e-01	-0.209760910	0.313156940	0.831554071
## 3737	-0.8084598780	1.792110e-01	0.680939840	-0.372496096	-0.348718738
## 3738	-0.5803508920	6.212539e-02	0.637328340	-0.214647915	-0.553701953
## 3739	0.7239824860	3.168301e-01	0.079716834	-0.352765074	1.008130555
## 3740	0.9979821878	-5.016222e-01	0.222614031	-0.283706495	0.464279123
## 3741	0.9999602040	3.145293e-01	-0.202640929	0.313156940	1.365792102
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## 3743	0.9260873958	-3.135250e-01	0.435530725	-0.278773739	0.363552747
## 3744	1.2574921584	1.172824e-01	1.085271102	-0.308370273	0.795383983
## 3745	0.6068194237	-3.810656e-02	0.238587110	-0.352765074	0.804344608
## 3746	0.5993885265	1.885999e-01	0.679301987	-0.239311694	0.671413924
## 3747	0.9388907424	4.492576e-01	1.019975370	-0.268908228	0.622851639
## 3748	1.0681504479	-1.707776e-01	-0.713541168	-0.244244449	0.359884458
## 3749	1.2329728731	-6.002884e-02	0.359244752	-0.372496096	0.641896490
## 3750	1.0766350950	1.779472e-01	-0.226076459	-0.135723825	1.423547565
## 3751	1.3098210300	1.575096e-01	0.429917611	-0.411958142	1.155757892
## 3752	0.8042122150	-3.122134e-02	0.742776509	0.022124356	0.745877489
## 3753	-0.5288463773	5.042046e-01	0.945775675	-0.318235784	-0.343183821
## 3754	1.1188821931	-6.947197e-01	-0.120751755	-0.209715160	0.395156043
## 3755	1.2520868917	-1.118954e-01	-0.158457121	0.757104949	0.759359743
## 3756	0.7755207678	4.723722e-01	0.057140005	-0.397159875	1.466588208
## 3757	0.9361321642	-7.567951e-01	-0.423130328	0.313156940	1.000007504
## 3758	0.9430560834	-1.836788e-01	0.562905248	-0.323168540	1.017244048
## 3759	-0.4229972481	-7.126920e-01	-0.261886665	-0.377428852	-0.289864498

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## 3768 -1.2053387670 2.745614e-01 -0.700323404 -0.382361608 -0.958865275
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## 3772 -0.8456604519 8.935472e-01 -0.657868296 -0.367563341 -0.819289573
## 3773 -0.6162421903 4.620503e-01 -0.445385823 -0.175185870 -0.896296857
## 3774 -1.1904549001 -3.573905e-01 0.195536799 -0.337966807 -0.987721781
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## 3777 -0.9641650682 4.752696e-01 0.334370187 -0.372496096 -0.928221322
## 3778 -0.8225470232 -5.313048e-01 0.762418733 -0.347832318 -0.952556769
## 3779 -0.2965851293 -2.718604e-01 -0.056387651 -0.333034051 -0.305380891
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## 3782 0.3099906453 2.313405e+00 -0.732165897 -0.244244449 -1.122505753
## 3783 -0.0302008501 -2.584329e-01 -0.690207061 -0.392227119 -0.992555962
## 3784 0.2385605626 -5.300017e-01 1.718276945 -0.219580671 -0.424848022
## 3785 -0.8228579483 -8.833163e-01 -0.386544993 -0.352765074 -0.747095245
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## 3817 0.0157516120 4.034436e-01 1.226969571 -0.382361608 -0.503827198
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## 3825 0.8628821959 5.457191e-01 -0.370103320 -0.120925558 -0.814476618
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## 3838 1.2834845592 8.582837e-01 0.956125300 -0.259042716 0.666748497
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## 3901  1.4592311372 -4.388294e-01 -0.635737826  0.757104949  1.741202610
## 3902 -0.4961035825 -1.437681e-01 -0.576961058 -0.175185870 -0.583454767
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## 3904  1.5440469543 -1.825054e-01  0.929286854 -0.357697829  1.998559103
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## 3911  1.2830232848 -4.393102e-01 -1.139793327 -0.362630585  0.403201055
## 3912 -0.0186976682 -2.603803e-01  1.243355505 -0.342899562  0.127011471
## 3913  0.1568319871 -3.041136e-02  0.564623557 -0.382361608 -0.609560411
## 3914  0.6063110849 -2.394261e-01  1.501920056  0.115846714  0.286550219
## 3915 -0.2568693071  2.686673e-02  0.086437524 -0.032135956  0.990381594
## 3916 -1.0094335369 -2.874339e-01 -1.155366126 -0.219580671  0.008538726
## 3917 -0.0722911870 -1.007772e+00 -0.257549815  4.570125072 -0.224394490
## 3918  0.4796833089  4.510765e-01  0.360799412 -0.387294363  0.267532488
## 3919 -0.5181540639 -1.065125e+00 -0.406220875  4.570125072 -0.066003385
## 3920 -0.6843646518 -6.468748e-01 -0.590872126 -0.229446182 -0.246547901
## 3921  1.5832946061  1.546004e+00 -0.641497767 -0.115992802  0.581280399
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## 3922 -0.5215339175  2.037447e-01 -0.754380424 -0.130791069  0.422452876
## 3923  1.6210851137 -2.155180e+00 -0.293759626 -0.263975472  0.162553294
## 3924  1.2400924067  2.869705e-01  0.523978947 -0.288639250  2.078069167
## 3925  1.6712620071  2.528278e+00 -0.692130278 -0.377428852  2.626786373
## 3926  0.4818363931 -4.924758e-01  0.856736041 -0.362630585 -0.335692202
## 3927  1.6694353222 -6.758028e-01 -1.141593891  0.105981202  2.689354791
## 3928 -0.4197052478 -9.706520e-01 -0.114441105 -0.219580671 -0.997368917
## 3929  0.4280527940 -1.209706e+00 -1.284770011 -0.219580671  1.490928938
## 3930  1.3794532906  4.058102e-02 -0.521087879 -0.259042716  0.886786237
## 3931  1.5631408986  1.325465e+00 -0.102523413  1.003742732  1.712324879
## 3932  0.0087392607  2.024754e+00  1.452914461 -0.160387603 -0.010201751
## 3933  0.5269647392 -9.740328e-02  0.495277526 -0.308370273  0.001522977
## 3934  1.1040948993 -8.661387e-01 -0.787839291 -0.377428852  1.312849594
## 3935  0.8429906759 -6.404319e-01  0.799122160  4.570125072 -0.123157053
## 3936  0.3850830699  1.848235e+00 -0.449178593  1.003742732  1.144396161
## 3937  1.0017660003  3.915682e-01 -0.752971715 -0.214647915  1.567936222
## 3938  0.3329458661  1.110713e+00  0.072854016 -0.155454847  0.366341041
## 3939  1.4365787235  5.639618e-01  1.215862565 -0.352765074  2.534396506
## 3940 -1.1688708124  9.233861e-01  0.575964395 -0.367563341 -0.218353797
## 3941  0.6258794878  1.210003e+00 -0.989908871 -0.323168540  1.404295744
## 3942  0.7259385649 -1.094532e+00  0.764406104 -0.293572006  1.194843062
## 3943 -0.5215162301  6.834866e-01 -1.069488044 -0.263975472 -0.193605393
## 3944  1.2732023513 -6.775370e-01  0.426377809 -0.229446182  1.353846358
## 3945  1.6878865159  7.029798e-01 -0.827788019 -0.115992802  1.543871445
## 3946  0.4771641631 -8.878837e-02  0.277978419 -0.219580671 -0.021236336
## 3947  1.1078068803 -1.593586e+00 -0.003409655  4.570125072  0.894619734
## 3948  1.5585325639 -5.540846e-01  1.142303602 -0.120925558  1.694725000
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## 3949	0.7389309195	1.099433e+00	0.639083602	-0.086396268	1.821434670
## 3950	1.4731817157	1.487339e+00	0.330742647	-0.288639250	2.495395969
## 3951	0.9252371736	7.564979e-02	0.981566116	-0.268908228	-0.012669044
## 3952	1.2560248401	-2.895852e-02	0.353414776	-0.086396268	1.979379843
## 3953	-1.0399514049	1.557914e+00	0.037372773	-0.342899562	-0.944426409
## 3954	-0.5800396907	-5.058461e-01	-1.333229406	-0.214647915	-0.982930051
## 3955	1.6771070199	1.049395e-02	-0.579970221	-0.303437517	1.139583206
## 3956	0.5691173314	9.306727e-01	-0.808518270	-0.254109961	0.821928161
## 3957	-1.1668009307	-7.553991e-01	-0.550759098	-0.397159875	-1.035785839
## 3958	1.0696713675	2.272449e-01	0.868546305	-0.180118626	-0.280238587
## 3959	1.6360216457	3.822257e-01	-0.082421274	-0.175185870	1.182899803
## 3960	0.9512237438	3.286653e-01	-0.458883009	-0.283706495	1.255094131
## 3961	1.1110462861	1.000046e+00	0.561108360	-0.397159875	0.675002833
## 3962	-0.8542779586	-1.317636e-01	1.996656251	0.707777392	-0.506599872
## 3963	1.1270696258	7.418227e-01	1.899653977	-0.377428852	0.691935777
## 3964	1.4889345136	-2.556353e-01	-0.078600888	0.431543076	1.024072280
## 3965	-0.9269112293	-5.846714e-01	0.714335775	0.007326089	-0.761534111
## 3966	1.4388581592	-1.174652e+00	0.391503953	-0.347832318	2.614868061
## 3967	1.4441173197	-1.430084e+00	2.111638384	0.022124356	1.260965385
## 3968	1.2014827759	-2.364725e-01	-0.452887630	-0.347832318	1.346540281
## 3969	-0.5733728279	5.901199e-01	1.388212927	0.012258845	0.402587057
## 3970	0.2042212941	1.369521e-01	1.155069987	-0.170253114	0.021963036
## 3971	1.2279502972	-2.394261e-01	-0.046910246	4.570125072	1.544489623
## 3972	-1.1630807598	4.820152e-01	-0.775657251	0.757104949	-1.011807783
## 3973	0.7064339626	3.654075e-01	-0.097132329	0.175039782	0.119236697
## 3974	-0.2176687037	7.564979e-02	0.006173220	-0.357697829	0.311754906
## 3975	1.0242069356	-5.256402e-01	-0.373000239	-0.377428852	0.918187265

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## 3976  0.3414159529 -6.312190e-02  1.066615178  0.022124356 -0.502202517
## 3977  1.0766755940  6.508209e-01  1.112241078 -0.209715160  0.602596040
## 3978  1.6570724011 -1.078037e+00  1.187838377 -0.268908228  1.271148714
## 3979  1.2499541040  1.134002e+00 -0.220565004 -0.194916893 -0.362058826
## 3980  1.3184563758  5.736222e-01 -0.778681802  0.239165605  0.937439086
## 3981  1.5130115075  3.865600e-01 -0.246761825 -0.249177205  1.505621117
## 3982  0.2925460151 -2.470686e-01  0.813778323 -0.333034051  1.335173514
## 3983 -0.1083052152  2.377707e-01 -1.402094706  0.002393334  0.374323324
## 3984  1.1780491103 -1.523292e-01 -0.910434338 -0.032135956  0.696791325
## 3985 -0.6780381272  2.408307e-01 -0.032011418  4.570125072 -1.054139912
## 3986  1.3943143841 -1.003745e-01  0.164912217  4.570125072  1.096310764
## 3987  1.6745067029  2.015922e-01  0.352975960  4.570125072  0.979324549
## 3988  0.9407224394 -2.524028e-01  0.866938499 -0.288639250  1.842082632
## 3989  0.2856332350  5.154351e-01  0.881849784 -0.337966807 -0.349783583
## 3990  1.2156962917  4.825475e-01  0.473123617  0.115846714  1.002419294
## 3991 -1.1380351062 -1.892184e-01 -0.941129283 -0.347832318 -0.522784202
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## 3994  1.1300342787 -1.107006e+00  1.704025892  0.022124356  1.557262696
## 3995  0.9576903371  1.009317e+00  0.424631934 -0.372496096  2.075576342
## 3996  0.0860678303 -1.026014e+00  0.464961651  4.570125072 -0.381395832
## 3997 -0.0314325494 -3.461517e-01  1.269635521 -0.337966807 -0.196937439
## 3998  0.2759411885 -8.038143e-01 -0.058107789  1.003742732  0.845992937
## 3999 -1.1290299965  1.206121e+00 -0.182421640 -0.411958142 -1.021433693
## 4000  0.6821950754 -7.919107e-01 -1.036363069 -0.120925558 -0.958865275
## 4001  1.6486704469 -2.149119e-02  0.301195743  4.570125072  0.512964471
## 4002  0.1651687088  1.297593e+00  0.328608799 -0.333034051 -0.411402458
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## 4003	1.5715149542	-2.581137e-02	0.876324760	-0.204782404	1.467906458
## 4004	0.3469139562	4.839894e-01	-0.668246361	0.757104949	0.841179982
## 4005	1.3112695567	-2.719432e-01	0.437608033	4.570125072	1.092613402
## 4006	1.2344788261	-9.432919e-02	1.186546114	-0.273840983	0.033475942
## 4007	1.4638773633	1.210003e+00	0.582915231	4.570125072	1.673401851
## 4008	1.4841252413	2.061570e-01	0.292818358	4.570125072	1.832283218
## 4009	1.2644939985	1.067589e+00	-1.261919568	0.239165605	1.731576699
## 4010	1.1706737751	1.448795e+00	0.325042226	1.003742732	1.741202610
## 4011	1.0090886719	-8.372606e-01	0.856736041	-0.288639250	1.476490072
## 4012	1.1823099856	-1.652232e-01	-0.032011418	4.570125072	1.768392682
## 4013	0.3440110228	-1.076548e+00	0.269074456	4.570125072	-0.773903855
## 4014	1.6354707536	4.662957e-01	0.385983618	-0.303437517	1.893492460
## 4015	0.2842721419	1.363667e+00	-0.991133166	0.175039782	-0.419814289
## 4016	0.7684307667	-2.832276e-01	-0.285939264	-0.382361608	-0.958865275
## 4017	1.0621229530	4.761506e-01	-0.717700276	-0.387294363	-0.747095245
## 4018	0.7019199628	1.419170e-01	1.478301179	-0.337966807	0.561064702
## 4019	1.4993193708	2.192910e+00	-0.235412805	0.071451913	-0.477569752
## 4020	0.9444140429	5.715052e-01	-1.196122190	0.071451913	-0.313929274
## 4021	-0.6685894231	-1.900269e-01	0.274515767	-0.347832318	-0.366505009
## 4022	1.2051320501	1.106100e-01	0.596762294	-0.283706495	0.903200088
## 4023	0.5099868199	-2.212310e-01	0.102457761	0.115846714	0.612112630
## 4024	-0.4200814457	7.017888e-02	0.288421339	-0.372496096	-0.343817643
## 4025	0.8871661114	5.097959e-01	-0.137103405	0.313156940	1.115518430
## 4026	1.1123021066	3.256028e-01	0.007891529	-0.288639250	1.251561390
## 4027	0.6973048176	2.764109e-02	-0.137103405	0.757104949	1.144396161
## 4028	-0.4406505960	-7.007335e-01	0.554440987	-0.337966807	-0.722067878
## 4029	1.1010731065	2.930143e-01	0.415989852	-0.288639250	1.337928760

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## 4030  1.1280568276 -3.480968e-01 -0.070131337 -0.120925558  1.081321116
## 4031 -0.6715598870  8.012530e-02  0.856736041  0.022124356 -0.897901176
## 4032  0.8583381084 -2.095266e-01 -0.274860349 -0.209715160  0.557215623
## 4033  1.1515648968 -3.161305e-01  0.355358101 -0.303437517  1.080165941
## 4034 -0.6862550706  5.212800e-01  1.244429448 -0.185051381 -0.631686879
## 4035  1.1802370307  5.798860e-01  0.645885241 -0.318235784  0.992149445
## 4036  1.1437571939  1.680474e-01 -0.435798320  0.757104949  1.187712758
## 4037  0.4591077932  4.947884e-02 -0.344413053  0.022124356  0.261931454
## 4038 -0.2231198822 -4.483793e-01 -0.434621909 -0.372496096 -0.910735723
## 4039  1.2545306279 -6.422036e-02  0.838435668 -0.259042716  0.455796683
## 4040  1.0833644684  1.045558e-01 -0.209760910  0.313156940  0.831554071
## 4041 -0.1777019016 -1.141776e-01 -0.948179804 -0.392227119 -0.458317931
## 4042  1.0459654478 -2.920678e-01 -0.422714111  0.757104949  1.283971863
## 4043 -0.2947462803  7.744899e-02 -0.152337046 -0.392227119 -0.482382707
## 4044  0.5457428608 -6.484520e-01 -0.024756337 -0.273840983  1.030227624
## 4045 -0.5803508920  6.212539e-02  0.637328340 -0.214647915 -0.553701953
## 4046  0.7239824860  3.168301e-01  0.079716834 -0.352765074  1.008130555
## 4047 -1.0266650775 -2.711222e-01  0.603433633  0.214501827 -0.584587227
## 4048  0.9979821878 -5.016222e-01  0.222614031 -0.283706495  0.464279123
## 4049  0.9999602040  3.145293e-01 -0.202640929  0.313156940  1.365792102
## 4050  0.9260873958 -3.135250e-01  0.435530725 -0.278773739  0.363552747
## 4051  0.8200441608  2.454105e-01  0.746644400  0.012258845  1.279370567
## 4052 -0.5677066906  4.835993e-01 -0.716352323 -0.347832318 -0.544951125
## 4053  0.6068194237 -3.810656e-02  0.238587110 -0.352765074  0.804344608
## 4054  0.9388907424  4.492576e-01  1.019975370 -0.268908228  0.622851639
## 4055 -1.1651013073 -3.360247e-01 -0.661936731 -0.333034051 -0.888167109
## 4056  1.0166549108 -4.717000e-01 -0.041080270 -0.273840983  1.001893901
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## 4057  1.0681504479 -1.707776e-01 -0.713541168 -0.244244449  0.359884458
## 4058 -0.4674888218 -2.234983e-01 -1.056158941 -0.397159875 -0.655649096
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## 4060 -1.0289602776  3.264845e-01 -0.618318139 -0.362630585 -0.877317468
## 4061  0.9430560834 -1.836788e-01  0.562905248 -0.323168540  1.017244048
## 4062 -0.6848003270 -1.763049e-01 -1.089579038 -0.397159875 -0.771160021
## 4063 -1.0431244625  3.421913e-01 -0.217453798 -0.362630585 -0.942301501
## 4064  1.2359461649 -4.919112e-01 -0.461430223 -0.214647915  1.019259325
## 4065 -0.8995311482 -1.680429e-01 -1.054188524 -0.397159875 -0.636397275
## 4066 -1.1489223586 -3.634569e-01  0.080845402 -0.387294363 -0.975769313
## 4067 -0.9427584884  2.253760e-01 -0.908180834 -0.387294363 -0.747095245
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## 4069 -0.6824006437 -5.561497e-01 -0.908381646 -0.397159875 -0.626771364
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## 4071 -0.5188072822 -1.438594e-01 -0.902598193 -0.357697829 -0.929987544
## 4072 -0.5819031935 -4.017380e-01 -1.120122780 -0.367563341 -1.122505753
## 4073 -0.4079072950  1.793079e-01 -0.370609692 -0.288639250 -0.766347066
## 4074 -1.1893084767  1.016355e+00 -0.560868660 -0.352765074 -0.684526827
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## 4078 -0.9599263524 -1.139519e+00 -0.156708128 -0.209715160 -0.780785932
## 4079 -0.7167772386  3.211443e-02  1.094599063 -0.392227119 -0.821046354
## 4080 -0.6162421903  4.620503e-01 -0.445385823 -0.175185870 -0.896296857
## 4081 -0.6421589717  2.335581e+00 -0.615749337 -0.411958142 -1.036450359
## 4082  0.4676475681  7.095448e-01  0.009446189 -0.367563341  0.393112361
## 4083 -0.4674888218 -2.234983e-01 -1.056158941 -0.397159875 -0.655649096
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## 4084 -0.5640566066 -5.758923e-01 -0.717357491 -0.209715160 -0.415001334
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## 4086 -1.0856307719 6.316811e-01 -0.194097131 -0.411958142 -0.701145144
## 4087 -0.2894504272 5.757900e-01 -0.639475154 -0.185051381 -0.689339782
## 4088 -0.7663905277 -7.295083e-01 -0.257107624 -0.402092630 -0.993857579
## 4089 -1.1298157855 -3.493793e-01 -0.296241506 -0.407025386 -1.112602553
## 4090 -0.0553119809 1.126523e+00 0.934807024 -0.347832318 -0.284755866
## 4091 0.0634709492 -2.550462e-03 1.442913632 -0.372496096 0.025257816
## 4092 -0.3938516031 5.212800e-01 0.040539395 4.570125072 0.213089324
## 4093 0.3156454847 -3.455747e-01 0.328608799 -0.273840983 -0.146906720
## 4094 -0.9018292366 -1.379696e+00 -0.442903137 -0.323168540 0.057271574
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## 4097 -0.2346896940 1.446448e+00 -0.577750361 -0.130791069 0.075920100
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## 4099 0.7086824220 1.476871e+00 0.864898007 -0.342899562 0.155184957
## 4100 1.5847999966 -1.120359e+00 1.041038509 4.570125072 0.980933941
## 4101 1.6829977381 1.636914e+00 -0.106251073 -0.293572006 1.014446370
## 4102 1.5607782922 -7.927235e-01 1.019975370 -0.318235784 1.407380971
## 4103 0.1223306812 -1.261491e+00 1.194825865 -0.303437517 -0.088501461
## 4104 1.4672697486 -1.841754e-01 1.215862565 -0.352765074 -0.143399664
## 4105 -0.3512395772 1.041411e-01 -0.819260411 -0.046934223 1.072201833
## 4106 0.5439125024 9.199720e-01 1.326049112 -0.268908228 0.873899444
## 4107 1.6767529489 9.237100e-01 0.662190539 4.570125072 0.461504830
## 4108 0.9708138275 -9.457414e-02 0.856736041 -0.362630585 0.950767270
## 4109 0.0556865559 1.523114e+00 1.455280248 -0.185051381 -0.554864854
## 4110 1.4330165558 3.388880e-01 1.044615269 -0.204782404 0.644235847
```

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## 4111 -0.9913639610 -3.324923e-01 -0.502007162 -0.392227119 -1.060873032
## 4112 -0.7015906806 6.786659e-01 0.693496712 -0.328101295 -0.767704566
## 4113 -0.6714772299 -4.955599e-01 -0.227173105 -0.185051381 -0.833728439
## 4114 -1.1138197782 7.249177e-02 -1.749047325 -0.155454847 -0.728001226
## 4115 -1.2344147025 7.454427e-01 -1.139166267 -0.411958142 -1.016620738
## 4116 -0.8956337443 3.510609e-02 1.133533164 -0.323168540 -0.808958181
## 4117 -1.1753021414 5.400031e-01 -2.146008462 -0.170253114 -1.084155512
## 4118 -0.5218111192 7.105828e-01 -0.079544709 -0.268908228 -0.775972976
## 4119 -1.1153651209 -5.388257e-01 -1.213028450 -0.407025386 -1.040685514
## 4120 -0.8883199019 3.826524e-01 0.626526730 -0.091329024 -0.547043714
## 4121 0.7879765358 1.043771e+00 0.787323423 -0.239311694 -0.754929220
## 4122 0.4382977975 1.158380e-01 -1.492709395 0.175039782 0.691978369
## 4123 -0.6474405284 -1.308440e+00 -1.043963690 -0.214647915 -0.872232081
## 4124 -0.9641136363 -1.020304e+00 1.611166454 -0.037068712 -0.797543447
## 4125 1.2711674357 4.261661e-01 0.745436498 -0.352765074 0.829664874
## 4126 1.5184088843 2.182031e-01 -0.182059691 -0.333034051 2.105695927
## 4127 0.5099868199 -2.212310e-01 0.102457761 0.115846714 0.612112630
## 4128 1.3355865573 -6.733228e-01 0.122286790 0.757104949 2.073296521
## 4129 0.6034833350 -3.239224e-01 -0.811315266 -0.189984137 3.007009836
## 4130 1.0439888013 1.704253e-01 0.846870650 -0.328101295 1.443366988
## 4131 1.4726375531 5.608779e-01 -0.577618983 -0.120925558 -0.275425632
## 4132 1.5791953983 -1.461970e+00 -0.980448410 1.003742732 1.298410729
## 4133 1.6528221784 -1.918520e-01 -0.880297847 -0.214647915 1.707511923
## 4134 1.0008539639 -4.735828e-01 -0.756181843 0.239165605 1.693073058
## 4135 1.4269801620 -5.645837e-01 0.262726260 4.570125072 1.837868531
## 4136 1.0326058038 -2.221113e-01 1.609056428 0.022124356 0.361665464
## 4137 0.2338634707 9.710865e-01 -0.083823474 0.313156940 0.542776757
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## 4138 -0.3786471860  6.655731e-01 -0.170343949 -0.155454847  0.871608691
## 4139  0.1768429591  1.266888e+00  0.115808250 -0.328101295 -0.866417368
## 4140  1.5964276006 -4.998472e-01  2.070001326 -0.313303028  1.937731615
## 4141  0.4794632622  2.376507e-01 -1.150406943 -0.387294363 -0.453504976
## 4142 -0.2145155337 -1.981434e+00 -0.511737378 -0.150522092 -0.925174589
## 4143 -0.1736004503 -2.568167e-01  0.428232802 -0.337966807 -0.235201157
## 4144 -0.6753718078  3.460478e-01 -0.010451929 -0.411958142 -0.636397275
## 4145 -0.7756354605  1.529248e-01  1.483918727 -0.229446182  0.256388355
## 4146  0.4302933146  1.779472e-01  0.880055945 -0.377428852  0.117194837
## 4147 -1.2596184693 -7.944279e-01 -1.620420780 -0.288639250 -0.987791993
## 4148 -1.0639706215  1.695936e+00 -1.913668575 -0.278773739 -0.420259616
## 4149 -0.4515683500  8.918631e-02 -0.628767401 -0.328101295 -1.045498469
## 4150 -0.6947352226 -4.891905e-01 -1.970272342 -0.219580671 -0.078274835
## 4151  1.0922077396 -3.011935e-01  0.974631112 -0.411958142 -0.252778062
## 4152 -1.2052230352  1.714018e-03  0.511139263 -0.382361608 -0.459303260
## 4153 -0.8367457898 -5.136772e-01  1.389984516 -0.407025386 -0.827371706
## 4154  0.5493599977  8.012530e-02 -0.747041252  0.175039782 -1.045498469
## 4155 -0.9933891381  1.489608e+00  0.789519846  4.570125072 -0.903735061
## 4156 -1.1525207182  1.049094e+00 -1.056824836  0.002393334 -0.516073394
## 4157  0.3505186147 -6.081159e-01  1.098330248 -0.397159875 -0.220985438
## 4158 -0.6576839059  1.305895e-02 -0.347246342 -0.046934223  0.306941951
## 4159  1.5279028637  7.396683e-01  1.019975370 -0.283706495  0.536057681
## 4160  0.8599246475  3.601012e-01 -0.213207820 -0.012404933  0.268438309
## 4161  0.4763635606 -1.395898e+00 -0.688791223 -0.199849648  0.841179982
## 4162  1.6043757989 -1.068236e+00  0.863014477  4.570125072  0.400487761
## 4163  0.8306300400  1.273164e-01 -0.974015799 -0.051866979  1.226216400
## 4164  1.6408336002  6.674756e-01  0.951520167 -0.392227119  2.197401576
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## 4165  1.5881006207 -9.004297e-01  0.496867520  4.570125072  0.297867875
## 4166  1.1426333652 -2.735641e-01  1.137205159 -0.377428852  1.944709937
## 4167  0.1027721965  6.823301e-01  0.564031037 -0.352765074  0.286338498
## 4168  0.4914509973 -7.433594e-01  0.054734119 -0.367563341  1.065201171
## 4169  1.0182431909  6.127110e-01  0.738303638 -0.298504762  0.196476258
## 4170  1.6258404677 -5.427292e-01 -0.597702427 -0.357697829  0.225121712
## 4171 -1.2215261819  7.183479e-01 -2.391461181 -0.263975472 -0.796528705
## 4172  0.2441182731 -1.000466e+00  1.358254462 -0.333034051 -0.554453097
## 4173  0.3100553808  1.012342e+00 -0.534684908  0.175039782 -1.064750290
## 4174 -0.7923337820  1.306550e+00 -0.220103780  1.003742732 -0.727843424
## 4175 -0.9850883636  1.646858e+00 -0.475152795 -0.392227119 -0.934800499
## 4176 -0.5486809082  1.597678e+00  1.163533362 -0.293572006 -0.862174401
## 4177 -0.0274147731  6.127110e-01  1.696252591 -0.278773739 -0.118856321
## 4178 -0.2374184521 -1.106298e+00 -0.504872011 -0.185051381  0.619784041
## 4179 -0.7583472237 -1.602726e-01  3.001593415 -0.367563341 -0.970738046
## 4180 -0.2253633351 -2.672839e-02  0.870339318 -0.288639250 -0.842682774
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## 4183 -0.4652829636  7.963613e-01  0.273280465 -0.199849648 -0.881857991
## 4184 -0.5216129574  4.793295e-02  0.470535677 -0.091329024 -0.686850323
## 4185  0.0733526700 -5.392689e-02  2.025529638 -0.323168540 -0.428099277
## 4186  1.0195432750 -5.899019e-01 -0.431263438  1.003742732  1.000007504
## 4187  1.6878865159 -7.960178e-01 -0.691097972 -0.229446182  1.837461715
## 4188  1.4974886219  4.058816e-01 -0.419108190  0.022124356  1.928893123
## 4189  1.6095544865  2.784204e-01 -0.527074549  0.757104949  1.688260102
## 4190  0.0533489334 -2.725774e-01  1.896724953 -0.268908228  0.487388047
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## 4192  1.5600519595 -5.640498e-01 -0.301736618  0.757104949  2.198433357
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## 4195  1.2834845592  8.582837e-01  0.956125300 -0.259042716  0.666748497
## 4196  0.6557608029  2.348876e-01 -0.421972038  0.757104949  1.341727326
## 4197  1.1523773130 -6.058283e-01 -0.731137434  4.570125072  1.183701962
## 4198 -0.7884807605  1.865854e+00 -0.396449152  1.003742732 -0.496821573
## 4199  0.0482443654 -1.767729e+00  1.720544158 -0.185051381 -0.857693911
## 4200  1.4810663553  8.498593e-02 -0.118040625 -0.333034051  0.898935444
## 4201  1.6010102686 -6.526676e-01  0.677007890  4.570125072  0.163118806
## 4202  1.3865929486 -9.679991e-04  1.412958940 -0.283706495  0.364678588
## 4203 -1.1249137312 -4.092041e-03 -1.099200410 -0.392227119 -1.035872559
## 4204 -1.2633618971  7.759557e-01 -0.885832556 -0.342899562 -0.835579576
## 4205  1.1274732612  8.168973e-01 -0.191558735  0.757104949  2.063670610
## 4206  1.5896069615 -1.010637e-01  0.428232802 -0.283706495  1.411689949
## 4207 -1.0449402942  3.908003e-01  0.907396522 -0.263975472 -0.925790962
## 4208 -1.3564596294  2.634745e-01  1.518284901 -0.411958142 -1.087629266
## 4209 -0.5777301640  1.236503e+00 -0.734575188 -0.135723825 -0.520886349
## 4210  0.0672566634 -5.085221e-01 -0.656555595 -0.357697829  0.340632637
## 4211  1.0477466917 -3.430145e-01 -0.449178593  0.757104949  1.683447147
## 4212  0.8559054152  1.342383e-01  1.048782311 -0.308370273  0.175369815
## 4213 -0.6440605117  8.175517e-01  0.500577504 -0.397159875 -1.013846737
## 4214 -0.6011880242 -9.921263e-01  0.035469850 -0.091329024  0.082604344
## 4215 -0.5367029504  1.538679e-01 -1.020516245  0.757104949 -0.188792438
## 4216 -1.3564724131  8.305375e-01  0.074547588 -0.411958142 -0.953804229
## 4217  0.9296797911  1.150468e+00  0.333637442 -0.214647915  0.981097106
## 4218  1.1286103315  6.127110e-01  0.055774468  0.757104949  1.678634192
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## 4219  1.6830365996  3.694268e-02 -0.813259807 -0.229446182  2.535340223
## 4220 -0.1684730330 -4.640728e-01  1.569834163 -0.352765074 -0.756869561
## 4221  0.5504744948  2.461128e-01 -0.070702161 -0.372496096  0.894122489
## 4222  0.5934631659 -1.313023e+00 -0.010472896 -0.333034051  2.177806406
## 4223 -1.1999423192  7.227115e-01 -0.329932842 -0.392227119 -0.828915484
## 4224  0.1121103208 -7.053429e-01  0.925798834 -0.293572006 -0.416217315
## 4225  1.6878865159 -1.431268e-01 -0.488993063 -0.268908228  2.703793656
## 4226 -1.2140920073 -8.075176e-01 -0.881975452 -0.402092630 -1.093628022
## 4227  0.2727092416  7.108835e-01  0.075519251 -0.372496096  0.280564235
## 4228 -0.3712667085 -1.026014e+00  1.157440068 -0.263975472 -0.839390739
## 4229  1.0892559122 -6.752069e-01  0.578223441  4.570125072  0.197522447
## 4230  1.1161256804  5.368981e-01  1.667831458 -0.337966807  0.744459154
## 4231 -0.4345897145  1.103335e+00 -0.864570699 -0.402092630 -0.968491186
## 4232  1.1271726036 -5.921102e-01 -0.206217731  0.757104949  1.760454431
## 4233  1.2842282957  3.816543e-01 -0.075541906  0.214501827  2.614742895
## 4234  1.6148183155 -6.629434e-01  0.705156664  0.199703560  2.876388802
## 4235 -1.2607410250 -1.191617e-01  0.488727981 -0.239311694 -0.863448032
## 4236  1.4957949275  8.362853e-01 -0.392589547 -0.254109961  0.480208339
## 4237 -1.1781756629  4.918976e-01  0.300513141  0.816298017 -1.122505753
## 4238  1.6297007350  1.019043e+00  0.845853419  4.570125072  1.361185048
## 4239  0.1650599522  1.337787e+00 -0.003409655  4.570125072  1.007203482
## 4240  1.1428312329  1.589201e+00  0.815024066 -0.377428852 -0.424372958
## 4241  1.2119621181  2.313197e-01  0.683894398  4.570125072  1.218931927
## 4242  1.0109528057  5.513179e-01  0.147489300  4.570125072  0.982659974
## 4243 -0.4493226001 -1.179945e+00  1.123073894  0.707777392 -0.684964368
## 4244  1.1285319906 -2.735641e-01  0.935332755 -0.298504762  0.425139685
## 4245  0.7431585448 -2.301259e-01  0.846799734 -0.303437517 -0.055197689
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## 4246	0.4538260914	9.574267e-01	3.516443818	-0.397159875	0.465769473
## 4247	0.7073373615	8.945024e-01	-0.537195128	-0.268908228	0.485021294
## 4248	1.3277465487	1.598981e+00	1.602972974	-0.086396268	1.609485743
## 4249	-0.5470858688	1.939018e-01	1.207398304	-0.185051381	-0.905824276
## 4250	1.5853135035	8.514792e-01	0.399665919	4.570125072	1.788805648
## 4251	0.0200114109	-1.011605e-01	0.230985279	4.570125072	-0.582469438
## 4252	1.4965408028	-1.219842e+00	0.097219717	-0.367563341	1.645354167
## 4253	-0.2557905288	5.865076e-01	0.181106595	-0.397159875	0.088743966
## 4254	1.4306691998	-1.650554e+00	0.353414776	4.570125072	0.197522447
## 4255	1.4328973741	7.422152e-01	-0.845382593	0.071451913	-0.905922768
## 4256	1.1114655014	8.604253e-01	0.850206468	-0.249177205	1.530790080
## 4257	1.3973534331	-9.723656e-01	1.613572931	-0.318235784	0.848443705
## 4258	-1.1976931596	-8.822665e-01	-2.095235089	-0.352765074	-0.861931744
## 4259	-1.3043660951	3.798867e-01	-2.215551334	-0.278773739	-1.085765637
## 4260	-0.6776190714	1.244592e+00	-1.086695558	-0.199849648	-0.809663663
## 4261	1.5932943494	6.457396e-01	-0.570561684	1.003742732	1.967411506
## 4262	1.5810728825	2.546702e-01	0.247309212	4.570125072	1.442392019
## 4263	0.3430965513	-1.656293e+00	-0.071687644	4.570125072	0.201446333
## 4264	-0.1376678154	-4.272989e-01	-0.381162206	-0.209715160	0.022977592
## 4265	0.3526706460	9.364714e-01	0.495277526	0.707777392	0.748360857
## 4266	1.6601538126	4.190435e-01	-0.059217973	4.570125072	0.739239107
## 4267	1.1999667638	1.215657e-01	-0.030877812	4.570125072	1.222464448
## 4268	1.4829056650	2.478302e-01	1.723160173	0.022124356	1.851998305
## 4269	0.9509245498	-3.027673e-01	0.733069882	0.115846714	0.189024548
## 4270	-0.0332396796	5.374339e-01	-0.608810423	-0.333034051	0.234747622
## 4271	1.5175074075	3.860788e-01	0.525310736	4.570125072	0.896649608
## 4272	-1.1749113158	1.124505e+00	-2.174321504	-0.323168540	-0.731346847


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## 4273  1.1706737751  1.448795e+00  0.325042226  1.003742732  1.741202610
## 4274 -0.0152590662 -1.286772e+00 -0.568906968 -0.214647915  0.990381594
## 4275  1.3309733579 -6.570298e-01  0.743724198 -0.303437517  2.228285864
## 4276 -1.0974415171  1.752694e+00 -2.006362142 -0.263975472 -0.835417195
## 4277  0.2590787456 -1.201450e+00 -0.710361520  0.175039782 -1.059937335
## 4278  1.2890887466 -1.892703e-02 -0.311153436 -0.254109961 -0.467943842
## 4279  1.1764362151  1.560935e+00  0.091551685 -0.185051381  1.335803688
## 4280  0.9466198654  1.807296e+00  0.806508555  4.570125072  0.197522447
## 4281  0.7959298456 -7.878604e-01 -0.927078349 -0.061732490  2.299505417
## 4282  1.5965761185  4.098212e-01 -0.164826213  4.570125072  1.627754379
## 4283 -1.1666010226  9.170457e-01  0.572578690 -0.328101295 -0.708652915
## 4284  0.4122915607 -1.866386e+00 -1.057104371 -0.022270445  1.856942724
## 4285  1.3897825385  9.596724e-01  0.635573079 -0.313303028  1.799411134
## 4286  0.6502947992  1.833927e+00  0.399886678 -0.337966807 -0.187898723
## 4287 -0.6702439660 -6.506825e-01 -0.706625694 -0.259042716 -0.949239365
## 4288 -0.2753692169 -2.445702e+00 -0.455860905 -0.387294363 -0.251360856
## 4289  1.4958468466  1.074395e+00 -0.019467791  1.003742732  1.221403445
## 4290  1.2040552127 -3.608328e-01  1.072211955 -0.278773739  1.042592649
## 4291  0.2707650429 -5.959942e-01 -0.610284075 -0.219580671 -1.055124380
## 4292  1.3431862482 -2.297975e-01  1.134242901 -0.219580671  1.175815566
## 4293  1.6462243364  9.036532e-01 -0.926593541 -0.318235784  0.003725771
## 4294 -0.1955257730  1.168453e+00  0.630531200 -0.037068712  0.038174769
## 4295  0.3633343986  1.058170e+00 -0.581810548  1.003742732  1.057762967
## 4296  1.0463445799  1.679406e+00  0.729772118  0.707777392  0.128796860
## 4297  1.4635778858  1.343711e+00 -0.122699934 -0.333034051  2.086131068
## 4298  1.4327034660 -3.593086e-01 -0.749361592  0.071451913  0.201056936
## 4299 -0.5492182217  1.010375e+00  0.110499107  0.199703560  1.751804574
```

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## 4300 -1.2229520483  1.078904e-01 -1.822309421 -0.283706495 -0.891747626
## 4301  0.9935050175 -1.839090e+00  0.485737565  1.003742732  1.255094131
## 4302  1.6367877325 -2.349072e+00 -0.377211867 -0.298504762  1.038511146
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## 4304  1.0214361153  1.139064e+00  1.397035229 -0.111060047  0.637455488
## 4305 -1.1967787791 -1.140291e+00 -1.965944027 -0.273840983 -0.862346011
## 4306 -0.5081566221 -4.682241e-01 -0.967398686 -0.268908228 -0.039590826
## 4307 -0.7810103362 -5.346352e-01  1.150566833 -0.249177205 -0.145547676
## 4308 -0.7911252412  8.369577e-01  1.065319628 -0.377428852 -0.847770465
## 4309  0.7440889266  4.001020e-01  0.962841605 -0.249177205  0.294173077
## 4310  0.7040224556 -4.010954e+00  0.341243422  0.022124356  0.211204733
## 4311  0.6966991551  6.127110e-01  0.576897191 -0.278773739  0.855825539
## 4312  0.3869706129  2.958005e-01  0.815926209  4.570125072 -0.668759132
## 4313 -0.6900636075 -8.428028e-01  0.161457416 -0.328101295 -0.868761515
## 4314  1.6169423911  4.475682e-01  0.987690971  0.071451913 -0.106972199
## 4315  0.4482786960  3.647346e-01  0.100487988 -0.155454847  0.792701303
## 4316  1.6260082731 -2.368905e+00  1.089228419 -0.268908228  0.754105232
## 4317  0.3569103512  5.502964e-02 -0.558426619 -0.387294363 -0.939613454
## 4318 -0.5892181556 -5.988584e-01 -1.419802162 -0.150522092  0.278064219
## 4319  0.7221837847 -2.358532e-01  0.559937260 -0.229446182  0.746053337
## 4320 -0.5803037562  2.709940e+00  0.357949202  4.570125072 -0.756964849
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## 4322  1.2051320501  1.106100e-01  0.596762294 -0.283706495  0.903200088
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## 4328 1.1123021066 3.256028e-01 0.007891529 -0.288639250 1.251561390
## 4329 -0.7055769193 -2.154168e-02 -0.722765220 -0.323168540 -0.968491186
## 4330 0.6973048176 2.764109e-02 -0.137103405 0.757104949 1.144396161
## 4331 -0.4406505960 -7.007335e-01 0.554440987 -0.337966807 -0.722067878
## 4332 1.1010731065 2.930143e-01 0.415989852 -0.288639250 1.337928760
## 4333 1.1280568276 -3.480968e-01 -0.070131337 -0.120925558 1.081321116
## 4334 -0.6715598870 8.012530e-02 0.856736041 0.022124356 -0.897901176
## 4335 0.8583381084 -2.095266e-01 -0.274860349 -0.209715160 0.557215623
## 4336 1.1515648968 -3.161305e-01 0.355358101 -0.303437517 1.080165941
## 4337 1.1802370307 5.798860e-01 0.645885241 -0.318235784 0.992149445
## 4338 1.1437571939 1.680474e-01 -0.435798320 0.757104949 1.187712758
## 4339 1.0886620326 2.866381e-01 0.525156153 -0.367563341 1.261053028
## 4340 0.4591077932 4.947884e-02 -0.344413053 0.022124356 0.261931454
## 4341 -0.6869154924 -1.874787e-02 -0.193860329 -0.254109961 -0.626771364
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## 4349 1.1627088251 -8.542916e-01 0.251448482 -0.337966807 0.784795391
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## 4354 -0.7483909013 6.270856e-02 0.010936408 -0.337966807 -0.640161656
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## 4360 -1.1651013073 -3.360247e-01 -0.661936731 -0.333034051 -0.888167109
## 4361 1.0166549108 -4.717000e-01 -0.041080270 -0.273840983 1.001893901
## 4362 1.0681504479 -1.707776e-01 -0.713541168 -0.244244449 0.359884458
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## 4371 -1.0255118352 3.551566e-01 -0.340743210 -0.254109961 -0.920361633
## 4372 -1.1631390630 3.140648e-01 -0.596463521 -0.377428852 -0.929128088
## 4373 -0.6383922407 -6.795247e-01 0.373547626 -0.318235784 -0.580939103
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## 4376 -0.6900636075 -8.428028e-01 0.161457416 -0.328101295 -0.868761515
## 4377 -0.1330854523 4.160640e-01 -0.857489863 -0.402092630 -0.256173811
## 4378 -0.6693932696 1.725575e-01 -0.248268649 -0.209715160 -0.795224797
## 4379 -0.6259140313 -8.315893e-01 -1.033486812 -0.397159875 -0.670087961
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## 4383  0.0151512272  5.110921e-02 -1.018099617 -0.382361608 -0.203231304
## 4384 -0.1022843955 -1.470858e+00  0.056085998 -0.347832318 -0.346958465
## 4385 -0.4567063716  7.879050e-02  0.114739090 -0.293572006 -1.065463321
## 4386  0.1591601937 -1.062840e+00 -0.187377381 -0.278773739 -0.872232081
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## 4389 -0.5959390823  1.188479e+00  1.725169272 -0.037068712 -0.258967611
## 4390  0.8975763166  1.385374e+00 -1.452209633 -0.397159875 -0.285051543
## 4391 -1.0296762062 -1.247850e+00  0.354404772  0.816298017 -0.757589065
## 4392  0.7215482188  4.142319e-01 -0.686123437  0.175039782 -0.751908200
## 4393 -0.2487695707  1.551195e-01  0.169412549 -0.372496096 -0.354869855
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## 4395 -1.0372287074 -6.351886e-01 -0.189916129  0.007326089 -0.970197043
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## 4402  1.6685544667  2.097741e+00 -0.268444297 -0.347832318  3.069578254
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## 4404  0.6165201619  1.784550e+00 -0.262619359 -0.209715160 -0.023484480
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## 4406  1.4549873425 -4.804562e-01  0.755163666 -0.268908228  2.061449246
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## 4416 -0.8928643837  7.078156e-01 -0.489797428 -0.293572006  0.008538726
## 4417 -0.3577243370 -3.330020e-01  0.950814782 -0.249177205 -0.782491863
## 4418 -0.8839860577  1.003926e+00 -0.817384272 -0.323168540 -0.838541394
## 4419 -0.2144134310 -1.464494e+00  1.601515480 -0.249177205 -0.400053699
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## 4424 -0.3326856241 -3.898033e-01 -0.674739228 -0.175185870 -0.347619961
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## 4433  1.4047472391  8.040592e-01 -0.592868302  0.239165605  3.103268941
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## 4454 -0.6607121357  8.650359e-01  0.874101927  0.214501827 -0.673840435
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## 4483 -1.1062947582  3.757137e-01 -0.722755617 -0.411958142 -1.032353722
## 4484 -0.5035408279 -2.463185e+00  2.070384967 -0.342899562 -0.728953113
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## 4497  1.3086921502  4.936975e-01  0.387242395 -0.209715160  0.988984284
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## 4499  1.4625928978  7.402765e-01  0.218618663  4.570125072  0.775707194
## 4500  1.2454334623  1.425819e+00  2.337549956 -0.303437517  1.299106942
## 4501  1.5060628317 -7.275709e-01  0.562905248 -0.249177205  1.665689002
## 4502 -1.1690221317 -3.341080e-01 -0.473370387 -0.392227119 -1.122505753
## 4503 -1.0950053701 -4.307222e-01  0.353093827  0.816298017 -0.464834852
## 4504 -0.5359492076 -7.504946e-01  1.003651437 -0.278773739 -0.106643902
## 4505 -0.7950344735  5.756616e-01  1.564106467 -0.160387603 -0.648502586
## 4506 -0.2032937848 -5.094720e-02  1.373946968 -0.362630585 -0.431857469
## 4507  0.6821950754 -7.919107e-01 -1.036363069 -0.120925558 -0.958865275
## 4508 -0.0600233282  4.975574e-01 -0.655812416 -0.219580671 -0.915548678
## 4509 -0.5890086222  7.240667e-02 -0.986648239  0.002393334  0.383949235
## 4510  1.2590226948 -6.304599e-01 -0.148495293  0.757104949  1.885591267
## 4511  0.7818076604  8.061274e-01 -0.230195464  0.757104949  1.659382371
## 4512  1.2071503546 -1.210929e+00  0.125423846  4.570125072  0.782035986
## 4513  1.6249876011 -2.022765e+00  1.890585126 -0.268908228  1.002362780
## 4514 -0.7996333017  1.010906e+00  0.848144497 -0.303437517  0.075656098
## 4515  0.6710207261  2.960996e-01 -0.163509767  4.570125072  0.558819941
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## 4516	0.8152307836	5.352440e-01	-0.352567561	1.003742732	0.648661772
## 4517	0.8631843399	1.004113e+00	3.019657153	-0.367563341	1.519901041
## 4518	0.1175221882	-4.524604e-01	0.682614090	-0.244244449	0.593533995
## 4519	1.4187161598	1.206305e+00	0.343770347	-0.259042716	0.799949453
## 4520	0.6738143134	1.549126e+00	0.768575428	-0.288639250	0.372115672
## 4521	1.6120279668	-1.062324e-01	0.551549469	-0.392227119	2.930509179
## 4522	-0.7543051984	-8.234752e-01	-2.326430879	-0.347832318	-0.446305431
## 4523	0.3726589075	3.866653e-02	-1.200264406	-0.046934223	0.932626131
## 4524	-0.1582314494	2.196588e-01	0.341904310	-0.337966807	-0.410730684
## 4525	1.6878865159	1.155323e+00	-0.583799706	-0.214647915	2.347634969
## 4526	-1.3193887607	3.353883e-01	-0.582062221	-0.372496096	-1.021433693
## 4527	1.1208733092	-3.565421e-02	0.307638230	1.003742732	1.009633415
## 4528	-0.0991795998	2.611693e-01	-0.544004622	-0.180118626	-0.655649096
## 4529	-1.3309337976	2.576539e-01	0.522095416	4.570125072	-1.028134082
## 4530	0.7651749659	8.670043e-02	0.149365614	4.570125072	0.628443910
## 4531	1.1102586117	9.908784e-01	0.921042443	-0.214647915	1.071466680
## 4532	1.5912612599	-3.191132e-01	-0.724293844	-0.115992802	2.174368581
## 4533	-1.1500198019	-9.998992e-01	1.012202069	-0.392227119	-1.025363537
## 4534	1.6828937215	1.344907e+00	-0.526301682	-0.194916893	1.308036639
## 4535	-0.8813665965	1.761654e-01	-0.514735973	-0.046934223	-0.939613454
## 4536	-1.0802481341	-2.749319e-01	-0.759455496	-0.318235784	-1.040685514
## 4537	0.6421051112	3.771281e-01	-0.209420828	-0.209715160	-0.503580884
## 4538	1.2918955112	1.432074e+00	-0.212481565	-0.249177205	1.186147570
## 4539	0.5471169114	-3.719012e-01	-0.494122486	0.816298017	-0.226336652
## 4540	-1.1753021414	5.400031e-01	-2.146008462	-0.170253114	-1.084155512
## 4541	-0.5467580625	1.128117e+00	0.458328707	-0.229446182	-0.415001334
## 4542	0.9162345675	-2.854099e-01	-0.778681802	-0.402092630	0.061481234

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## 4543  0.3860392309 -1.060807e+00  0.546581315  0.115846714 -0.643293760
## 4544 -0.7155451447  9.640420e-01  0.325259155 -0.392227119 -0.952636745
## 4545 -1.1025319734  1.384904e+00  0.251790291  1.003742732 -0.872232081
## 4546 -1.2442410528  8.195405e-01  0.328608799 -0.239311694 -0.863448032
## 4547  1.3059796697  1.295722e+00  0.244588556 -0.352765074  1.623709879
## 4548  1.1537566516 -6.178120e-01  0.176572169 -0.273840983  1.283971863
## 4549 -0.8960333171  3.725758e-01  1.517466659 -0.367563341 -0.073123711
## 4550 -0.0798955495 -3.705242e-01  1.964319589 -0.239311694 -0.326159296
## 4551 -0.1150105596  4.042626e-01  0.099899151  0.022124356 -0.876946813
## 4552  1.4328973741  7.422152e-01 -0.845382593  0.071451913 -0.905922768
## 4553  0.4914509973 -7.433594e-01  0.054734119 -0.367563341  1.065201171
## 4554  0.6575523051 -1.597579e+00 -0.966571317 -0.377428852 -0.188792438
## 4555  0.8394391225  1.411590e+00 -0.961290423 -0.032135956  1.558310311
## 4556  1.1207500187  1.541245e-01  0.528656997 -0.347832318  2.274270754
## 4557 -0.9879733648 -4.913055e-01  0.008856420 -0.387294363 -0.790208176
## 4558  1.0385625779 -3.665086e+00  0.880055945 -0.377428852  1.201932853
## 4559  1.6878865159  4.855264e-01 -0.470759979 -0.268908228  3.069578254
## 4560  0.8894507081  5.904968e-01 -0.431319834  0.175039782  0.080733055
## 4561  0.3965056270  2.617040e-01 -0.681868273 -0.214647915  0.903748400
## 4562  0.3839056796  2.785396e-01  0.367018053  4.570125072 -0.585523145
## 4563 -0.8839860577  1.003926e+00 -0.817384272 -0.323168540 -0.838541394
## 4564  0.0254089345 -1.211994e+00  1.535397499 -0.303437517 -0.440149546
## 4565  0.8068692010 -1.406519e-01 -0.337340289  0.007326089  1.380230968
## 4566  0.0952369802  6.680446e-01  1.008519979 -0.293572006 -0.086971407
## 4567 -0.0008370279 -3.002931e-01  0.710679799 -0.372496096 -0.386901242
## 4568 -0.7517601542  2.644261e-01  0.120999277 -0.140656580 -0.674900917
## 4569  1.4917066208  1.640208e+00  0.385795119 -0.308370273  0.589485034
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## 4571 -1.0213195668 8.778054e-02 1.078151088 -0.377428852 -0.947665805
## 4572 1.2520868917 -1.118954e-01 -0.158457121 0.757104949 0.759359743
## 4573 -0.1083052152 2.377707e-01 -1.402094706 0.002393334 0.374323324
## 4574 0.4758924259 1.649094e+00 0.593739344 4.570125072 0.489434123
## 4575 1.6581038359 -6.054767e-01 0.749067547 -0.120925558 1.175866823
## 4576 1.6745067029 2.015922e-01 0.352975960 4.570125072 0.979324549
## 4577 1.2222376024 1.571574e+00 -0.172381469 4.570125072 1.754074467
## 4578 -0.1189746086 3.580884e-01 -1.242076034 -0.298504762 0.658287683
## 4579 -0.2831945648 1.521388e+00 1.008668750 -0.342899562 -0.327042368
## 4580 1.5768679408 6.801270e-01 0.740136520 4.570125072 1.560009001
## 4581 -0.2698177149 -8.694590e-01 0.795096796 -0.268908228 -0.359340398
## 4582 1.6298301646 -5.071756e-02 -0.368490660 -0.115992802 0.845992937
## 4583 1.5433084416 -2.618141e+00 0.341243422 -0.318235784 1.521720254
## 4584 -0.3056885803 1.291164e+00 1.463053549 -0.268908228 -0.458030590
## 4585 -1.2523273961 -7.187533e-01 -1.678574791 -0.323168540 -1.058968390
## 4586 1.4672697486 -1.841754e-01 1.215862565 -0.352765074 -0.143399664
## 4587 -1.2972473907 3.384180e-01 -0.441655625 0.816298017 -0.871667695
## 4588 0.5555146729 -8.132792e-01 0.747859763 -0.402092630 0.951887050
## 4589 -0.8945753382 -1.147606e+00 -0.641426938 0.431543076 -0.208044259
## 4590 1.6019541957 5.308797e-01 0.846842748 4.570125072 2.398027722
## 4591 1.6104601868 8.289895e-01 -0.447534241 -0.342899562 1.466864162
## 4592 -0.6047595564 -2.184289e-01 1.067986937 0.707777392 0.244933429
## 4593 0.4918706738 -1.448911e+00 -1.145628741 -0.308370273 -0.743223955
## 4594 1.5715501756 -2.456427e+00 0.929286854 -0.303437517 1.809403657
## 4595 0.3320654628 1.035398e+00 -0.632822838 0.757104949 1.048137057
## 4596 -0.4116728321 -2.036608e+00 -1.150882840 -0.333034051 0.292503085
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## 4597  0.9609356534  4.314053e-01  1.958601513 -0.318235784  0.620769370
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## 4600  0.8992377642 -1.021359e+00  3.487400615 -0.308370273  0.003068436
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## 4617  0.8122891058 -1.257970e+00 -1.704256565 -0.224513427 -0.958865275
## 4618 -0.5439736417  5.109755e-01 -0.593827708 -0.140656580 -0.756721155
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## 4620  0.2747772493 -7.541757e-01  0.518597430 -0.342899562  0.309385912
## 4621 -0.6015253295 -4.913055e-01 -0.635822832 -0.377428852 -0.467943842
## 4622  1.2051320501  1.106100e-01  0.596762294 -0.283706495  0.903200088
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## 4624 -0.6769176464 1.172824e-01 -0.854469890 -0.357697829 -0.506447483
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## 4626 -0.9206855204 -4.307222e-01 -0.343553145 -0.367563341 -0.732656379
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## 4636 1.1515648968 -3.161305e-01 0.355358101 -0.303437517 1.080165941
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## 4649 1.0706251753 -7.410186e-01 0.340689129 -0.209715160 0.576602519
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## 4675 -0.4236479622  7.643369e-01 -0.754693691 -0.387294363 -0.727843424
## 4676 -0.9218730834 -4.134657e-01  0.541712774 -0.377428852 -1.003554388
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## 4678 -0.9668720945 -9.352890e-01 -0.824385409 -0.298504762 -0.872232081
## 4679 -1.0449402942 -1.269914e-01 0.438843358 -0.155454847 -0.505840170
## 4680 -0.5765625118 -5.210849e-01 0.132361517 -0.333034051 -0.347166460
## 4681 -0.6932742086 -6.891652e-01 0.471957622 -0.037068712 -0.272267605
## 4682 -1.0997283217 8.799603e-02 0.751110593 -0.397159875 -0.936497821
## 4683 0.5764285596 7.187204e-03 1.614632926 -0.337966807 0.188009768
## 4684 -1.0082846031 -1.332000e+00 -1.648359819 -0.318235784 -0.662302862
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## 4686 0.4095894546 5.060161e-01 1.730066452 -0.219580671 -0.202731771
## 4687 -1.0452503143 2.383575e-02 1.264834364 -0.249177205 1.619420258
## 4688 -0.9262260098 7.677571e-02 -0.508979139 -0.387294363 -1.058046531
## 4689 -1.0009412937 -2.066516e-01 -1.290596766 -0.268908228 -0.564481958
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## 4691 -0.6528765626 -9.216080e-01 0.670176807 -0.372496096 0.015887850
## 4692 -1.2467736614 1.572933e-01 -2.353637434 -0.170253114 -1.095159417
## 4693 -0.5213882106 -1.945768e-01 -0.619189979 -0.372496096 -0.920704695
## 4694 -0.6405887709 -4.779670e-03 -0.792387490 0.239165605 -1.050311425
## 4695 -0.8226726706 -8.267099e-01 -0.108492749 -0.199849648 -0.978117096
## 4696 -0.9306519986 -7.587544e-01 0.912757986 -0.308370273 -0.851274171
## 4697 -0.6309333736 -7.606735e-01 -0.923176394 -0.219580671 -0.756721155
## 4698 -0.2173400463 1.705195e+00 1.754552352 -0.308370273 -0.754301528
## 4699 0.9118573605 -6.953943e-01 -0.402538785 -0.372496096 0.746989254
## 4700 0.7251813541 -5.503257e-01 -0.594865306 -0.180118626 1.216590490
## 4701 -0.1526714714 2.241986e-01 -0.206792922 -0.372496096 -1.122505753
## 4702 1.5954441714 2.059652e+00 0.617166250 -0.397159875 1.387923380
## 4703 0.8719050517 5.382235e-01 1.665159386 -0.377428852 0.767478257
## 4704 0.8794383880 -6.109846e-01 -0.933518348 -0.347832318 0.427265832
```



```
## 4705  0.8690912097 -2.368122e-01  1.065083275 -0.278773739  0.276913295
## 4706  1.2421126046  9.877714e-01  1.153534821 -0.387294363  2.001836372
## 4707  0.5921407492 -6.986090e-02  0.672204625 -0.298504762  0.832483348
## 4708  1.1044876029 -4.757854e-01 -0.513054852 -0.308370273  1.498160970
## 4709  1.3142809676 -1.069139e+00 -0.275947966 -0.012404933  0.542776757
## 4710  0.9802028919 -2.509415e-01 -0.466668521 -0.347832318  0.749733832
## 4711 -0.7560827643 -6.368463e-01 -0.692508849 -0.254109961 -0.737469335
## 4712 -1.2633618971  7.759557e-01 -0.885832556 -0.342899562 -0.835579576
## 4713 -0.5621564743 -4.461075e-01  1.394465596 -0.357697829 -0.762284571
## 4714 -0.7131662865 -8.767236e-01  0.320378245  0.007326089 -0.674900917
## 4715 -1.1682771750 -6.514485e-01  0.708744341 -0.367563341 -0.529804311
## 4716 -1.2872839955  1.080918e+00 -0.299864894 -0.392227119 -1.084002111
## 4717 -0.9305428929  1.961928e+00 -0.846335224 -0.061732490 -0.198418349
## 4718 -0.9433847546 -1.925732e-01 -0.571370547 -0.219580671 -0.910735723
## 4719 -0.6614696400 -5.129196e-02  0.767217699 -0.392227119 -0.360560334
## 4720 -0.8847839323 -9.740328e-02 -0.218723069 -0.352765074 -0.761534111
## 4721 -0.0101926532 -1.177711e+00  0.584670492 -0.342899562 -0.056779952
## 4722 -0.5467580625  1.128117e+00  0.458328707 -0.229446182 -0.415001334
## 4723 -0.7739242284  1.119226e+00  3.063731772 -0.342899562 -0.496129338
## 4724 -1.0516302007 -5.085221e-01 -0.564930117 -0.061732490 -0.140662886
## 4725  1.0099759894  5.662983e-01 -0.102792699  4.570125072  1.112080605
## 4726  0.5874193441 -3.068113e-02  1.051068576  0.022124356 -0.308678777
## 4727  1.3812406798 -7.533668e-01 -0.677048341 -0.249177205  0.109610786
## 4728  1.6532861677 -2.329828e-01 -0.985510120  1.003742732  1.202151624
## 4729  0.2707650429 -5.959942e-01 -0.610284075 -0.219580671 -1.055124380
## 4730  0.4760053692  7.377801e-01 -0.210981158 -0.382361608 -0.734684980
## 4731  1.4889345136 -2.556353e-01 -0.078600888  0.431543076  1.024072280
```

```
## 4732 -0.5016202485  5.220581e-01 -1.114414699 -0.130791069 -0.328368140
## 4733  0.7976492962 -1.504234e+00  0.224183640  1.003742732  1.115518430
## 4734  1.5305491158  1.650414e+00 -0.554804041  0.757104949  1.823022849
## 4735  1.4214963231  4.326821e-01 -0.220643532  1.003742732  0.480208339
## 4736  0.2572816368 -5.470745e-01 -0.290633046  0.757104949  0.975942728
## 4737  0.5323572093 -1.250701e-01  0.904344338 -0.096261780  1.505971643
## 4738  1.6878865159 -7.731399e-01 -0.117202856 -0.268908228  2.477584760
## 4739  1.4223211199 -1.764904e+00  2.305485088 -0.377428852  1.319491828
## 4740  1.5549476397 -9.508434e-01 -0.320470660 -0.214647915  1.187712758
## 4741 -0.0671382936  6.350458e-02 -0.637412790 -0.387294363 -0.116598110
## 4742 -1.3195420228  1.818566e+00 -0.812757099 -0.411958142 -1.122505753
## 4743 -1.2720349232 -7.894255e-01 -0.576026620  0.816298017 -1.059315969
## 4744  0.1121103208 -7.053429e-01  0.925798834 -0.293572006 -0.416217315
## 4745 -0.7525913796  6.666438e-01 -0.012690821 -0.387294363 -0.085460151
## 4746 -0.4629709662  6.498898e-01 -0.694819884 -0.367563341 -0.256173811
## 4747  0.7439079593  8.361736e-01  0.601231004 -0.347832318  0.431212633
## 4748  0.1601551379 -1.120104e+00 -0.832210202 -0.397159875 -0.867419126
## 4749 -0.2547577373  1.931164e+00  0.911149151 -0.347832318 -0.278127642
## 4750  0.0004628083  8.437678e-01 -0.421626401 -0.347832318 -0.857793215
## 4751  0.6575523051 -1.597579e+00 -0.966571317 -0.377428852 -0.188792438
## 4752 -0.4568702061 -4.741986e-01  0.625407580  0.022124356 -0.942429197
## 4753  0.0191836813  9.768722e-01 -0.399827168 -0.392227119  0.831140053
## 4754 -0.0798955495 -3.705242e-01  1.964319589 -0.239311694 -0.326159296
## 4755 -1.0125147269 -3.943476e-02 -0.621260944  0.007326089 -0.199473243
## 4756 -0.7172444076 -2.458655e-01 -1.085931667  1.003742732 -0.910735723
## 4757 -1.0387213954 -9.909806e-02  1.836172016 -0.239311694 -0.064460636
## 4758 -1.1781756629  4.918976e-01  0.300513141  0.816298017 -1.122505753
```

```
## 4759  1.1815120538 -7.727858e-02  0.958161291 -0.333034051 -0.129356261
```

```
## 4760  0.7210633339 -4.776220e-01  1.854309719 -0.160387603  1.541808750
```

```
## 4761  1.6806231889  9.170457e-01 -0.873600849 -0.298504762  1.900030133
```

```
##          sample_method  Clustering Sampling      K strata
```

```
## 1  Unstratified_RS Unstratified      RS K_05      3
```

```
## 2  Unstratified_RS Unstratified      RS K_05      5
```

```
## 3  Unstratified_RS Unstratified      RS K_05      5
```

```
## 4  Unstratified_RS Unstratified      RS K_05      5
```

```
## 5  Unstratified_RS Unstratified      RS K_05      5
```

```
## 6  Unstratified_RS Unstratified      RS K_05      5
```

```
## 7  Unstratified_RS Unstratified      RS K_05      5
```

```
## 8  Unstratified_RS Unstratified      RS K_05      5
```

```
## 9  Unstratified_RS Unstratified      RS K_05      5
```

```
## 10 Unstratified_RS Unstratified      RS K_05      5
```

```
## 11 Unstratified_RS Unstratified      RS K_05      5
```

```
## 12 Unstratified_RS Unstratified      RS K_05      3
```

```
## 13 Unstratified_RS Unstratified      RS K_05      3
```

```
## 14 Unstratified_RS Unstratified      RS K_05      5
```

```
## 15 Unstratified_RS Unstratified      RS K_05      5
```

```
## 16 Unstratified_RS Unstratified      RS K_05      5
```

```
## 17 Unstratified_RS Unstratified      RS K_05      3
```

```
## 18 Unstratified_RS Unstratified      RS K_05      3
```

```
## 19 Unstratified_RS Unstratified      RS K_05      5
```

```
## 20 Unstratified_RS Unstratified      RS K_05      3
```

```
## 21 Unstratified_RS Unstratified      RS K_05      5
```

```
## 22 Unstratified_RS Unstratified      RS K_05      5
```

```
## 23 Unstratified_RS Unstratified      RS K_05      5
```

## 24	Unstratified_RS	Unstratified	RS K_05	5
## 25	Unstratified_RS	Unstratified	RS K_05	5
## 26	Unstratified_RS	Unstratified	RS K_05	5
## 27	Unstratified_RS	Unstratified	RS K_05	3
## 28	Unstratified_RS	Unstratified	RS K_05	3
## 29	Unstratified_RS	Unstratified	RS K_05	4
## 30	Unstratified_RS	Unstratified	RS K_05	5
## 31	Unstratified_RS	Unstratified	RS K_05	5
## 32	Unstratified_RS	Unstratified	RS K_05	5
## 33	Unstratified_RS	Unstratified	RS K_05	5
## 34	Unstratified_RS	Unstratified	RS K_05	5
## 35	Unstratified_RS	Unstratified	RS K_05	5
## 36	Unstratified_RS	Unstratified	RS K_05	2
## 37	Unstratified_RS	Unstratified	RS K_05	5
## 38	Unstratified_RS	Unstratified	RS K_05	5
## 39	Unstratified_RS	Unstratified	RS K_05	5
## 40	Unstratified_RS	Unstratified	RS K_05	5
## 41	Unstratified_RS	Unstratified	RS K_05	5
## 42	Unstratified_RS	Unstratified	RS K_05	3
## 43	Unstratified_RS	Unstratified	RS K_05	3
## 44	Unstratified_RS	Unstratified	RS K_05	3
## 45	Unstratified_RS	Unstratified	RS K_05	2
## 46	Unstratified_RS	Unstratified	RS K_05	3
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## 48	Unstratified_RS	Unstratified	RS K_05	5
## 49	Unstratified_RS	Unstratified	RS K_05	2
## 50	Unstratified_RS	Unstratified	RS K_05	5

## 51	Unstratified_RS	Unstratified	RS K_05	3
## 52	Unstratified_RS	Unstratified	RS K_05	3
## 53	Unstratified_RS	Unstratified	RS K_05	3
## 54	Unstratified_RS	Unstratified	RS K_05	5
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## 56	Unstratified_RS	Unstratified	RS K_05	5
## 57	Unstratified_RS	Unstratified	RS K_05	5
## 58	Unstratified_RS	Unstratified	RS K_05	5
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## 60	Unstratified_RS	Unstratified	RS K_05	5
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## 64	Unstratified_CS	Unstratified	CS K_05	5
## 65	Unstratified_CS	Unstratified	CS K_05	5
## 66	Unstratified_CS	Unstratified	CS K_05	5
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## 70	Unstratified_CS	Unstratified	CS K_05	5
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## 72	Unstratified_CS	Unstratified	CS K_05	5
## 73	Unstratified_CS	Unstratified	CS K_05	5
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## 75	Unstratified_CS	Unstratified	CS K_05	5
## 76	Unstratified_CS	Unstratified	CS K_05	5
## 77	Unstratified_CS	Unstratified	CS K_05	5

## 78	Unstratified_CS	Unstratified	CS K_05	5
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## 81	Unstratified_CS	Unstratified	CS K_05	3
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## 84	Unstratified_CS	Unstratified	CS K_05	5
## 85	Unstratified_CS	Unstratified	CS K_05	5
## 86	Unstratified_CS	Unstratified	CS K_05	5
## 87	Unstratified_CS	Unstratified	CS K_05	5
## 88	Unstratified_CS	Unstratified	CS K_05	5
## 89	Unstratified_CS	Unstratified	CS K_05	5
## 90	Unstratified_CS	Unstratified	CS K_05	5
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## 92	Unstratified_CS	Unstratified	CS K_05	3
## 93	Unstratified_CS	Unstratified	CS K_05	3
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## 103	Unstratified_CS	Unstratified	CS K_05	5
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## 131	Stratified_BS	Stratified	BS K_05	3

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## 134	Stratified_BS	Stratified	BS K_05	5
## 135	Stratified_BS	Stratified	BS K_05	5
## 136	Stratified_BS	Stratified	BS K_05	3
## 137	Stratified_BS	Stratified	BS K_05	5
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## 145	Stratified_BS	Stratified	BS K_05	5
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## 157	Stratified_BS	Stratified	BS K_05	2
## 158	Stratified_BS	Stratified	BS K_05	2

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## 162	Stratified_BS	Stratified	BS K_05	1
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## 165	Stratified_BS	Stratified	BS K_05	1
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## 185	Stratified_RS	Stratified	RS K_05	1

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## 235	Stratified_RS	Stratified	RS K_05	5
## 236	Stratified_RS	Stratified	RS K_05	5
## 237	Stratified_RS	Stratified	RS K_05	5
## 238	Stratified_RS	Stratified	RS K_05	5
## 239	Stratified_RS	Stratified	RS K_05	5

## 240	Stratified_RS	Stratified	RS K_05	5
## 241	Stratified_CS	Stratified	CS K_05	1
## 242	Stratified_CS	Stratified	CS K_05	1
## 243	Stratified_CS	Stratified	CS K_05	1
## 244	Stratified_CS	Stratified	CS K_05	1
## 245	Stratified_CS	Stratified	CS K_05	1
## 246	Stratified_CS	Stratified	CS K_05	1
## 247	Stratified_CS	Stratified	CS K_05	1
## 248	Stratified_CS	Stratified	CS K_05	1
## 249	Stratified_CS	Stratified	CS K_05	1
## 250	Stratified_CS	Stratified	CS K_05	1
## 251	Stratified_CS	Stratified	CS K_05	1
## 252	Stratified_CS	Stratified	CS K_05	2
## 253	Stratified_CS	Stratified	CS K_05	2
## 254	Stratified_CS	Stratified	CS K_05	2
## 255	Stratified_CS	Stratified	CS K_05	2
## 256	Stratified_CS	Stratified	CS K_05	2
## 257	Stratified_CS	Stratified	CS K_05	2
## 258	Stratified_CS	Stratified	CS K_05	2
## 259	Stratified_CS	Stratified	CS K_05	3
## 260	Stratified_CS	Stratified	CS K_05	3
## 261	Stratified_CS	Stratified	CS K_05	3
## 262	Stratified_CS	Stratified	CS K_05	3
## 263	Stratified_CS	Stratified	CS K_05	3
## 264	Stratified_CS	Stratified	CS K_05	3
## 265	Stratified_CS	Stratified	CS K_05	3
## 266	Stratified_CS	Stratified	CS K_05	3

## 267	Stratified_CS	Stratified	CS K_05	3
## 268	Stratified_CS	Stratified	CS K_05	3
## 269	Stratified_CS	Stratified	CS K_05	3
## 270	Stratified_CS	Stratified	CS K_05	3
## 271	Stratified_CS	Stratified	CS K_05	4
## 272	Stratified_CS	Stratified	CS K_05	4
## 273	Stratified_CS	Stratified	CS K_05	4
## 274	Stratified_CS	Stratified	CS K_05	4
## 275	Stratified_CS	Stratified	CS K_05	4
## 276	Stratified_CS	Stratified	CS K_05	4
## 277	Stratified_CS	Stratified	CS K_05	4
## 278	Stratified_CS	Stratified	CS K_05	4
## 279	Stratified_CS	Stratified	CS K_05	4
## 280	Stratified_CS	Stratified	CS K_05	4
## 281	Stratified_CS	Stratified	CS K_05	4
## 282	Stratified_CS	Stratified	CS K_05	4
## 283	Stratified_CS	Stratified	CS K_05	4
## 284	Stratified_CS	Stratified	CS K_05	4
## 285	Stratified_CS	Stratified	CS K_05	5
## 286	Stratified_CS	Stratified	CS K_05	5
## 287	Stratified_CS	Stratified	CS K_05	5
## 288	Stratified_CS	Stratified	CS K_05	5
## 289	Stratified_CS	Stratified	CS K_05	5
## 290	Stratified_CS	Stratified	CS K_05	5
## 291	Stratified_CS	Stratified	CS K_05	5
## 292	Stratified_CS	Stratified	CS K_05	5
## 293	Stratified_CS	Stratified	CS K_05	5

## 294	Stratified_CS	Stratified	CS K_05	5
## 295	Stratified_CS	Stratified	CS K_05	5
## 296	Stratified_CS	Stratified	CS K_05	5
## 297	Stratified_CS	Stratified	CS K_05	5
## 298	Stratified_CS	Stratified	CS K_05	5
## 299	Stratified_CS	Stratified	CS K_05	5
## 300	Stratified_CS	Stratified	CS K_05	5
## 301	Unstratified_RS	Unstratified	RS K_05	3
## 302	Unstratified_RS	Unstratified	RS K_05	5
## 303	Unstratified_RS	Unstratified	RS K_05	5
## 304	Unstratified_RS	Unstratified	RS K_05	5
## 305	Unstratified_RS	Unstratified	RS K_05	5
## 306	Unstratified_RS	Unstratified	RS K_05	5
## 307	Unstratified_RS	Unstratified	RS K_05	5
## 308	Unstratified_RS	Unstratified	RS K_05	5
## 309	Unstratified_RS	Unstratified	RS K_05	5
## 310	Unstratified_RS	Unstratified	RS K_05	5
## 311	Unstratified_RS	Unstratified	RS K_05	2
## 312	Unstratified_RS	Unstratified	RS K_05	5
## 313	Unstratified_RS	Unstratified	RS K_05	3
## 314	Unstratified_RS	Unstratified	RS K_05	5
## 315	Unstratified_RS	Unstratified	RS K_05	5
## 316	Unstratified_RS	Unstratified	RS K_05	5
## 317	Unstratified_RS	Unstratified	RS K_05	5
## 318	Unstratified_RS	Unstratified	RS K_05	5
## 319	Unstratified_RS	Unstratified	RS K_05	5
## 320	Unstratified_RS	Unstratified	RS K_05	2

## 321	Unstratified_RS	Unstratified	RS K_05	5
## 322	Unstratified_RS	Unstratified	RS K_05	5
## 323	Unstratified_RS	Unstratified	RS K_05	3
## 324	Unstratified_RS	Unstratified	RS K_05	5
## 325	Unstratified_RS	Unstratified	RS K_05	3
## 326	Unstratified_RS	Unstratified	RS K_05	3
## 327	Unstratified_RS	Unstratified	RS K_05	3
## 328	Unstratified_RS	Unstratified	RS K_05	3
## 329	Unstratified_RS	Unstratified	RS K_05	5
## 330	Unstratified_RS	Unstratified	RS K_05	5
## 331	Unstratified_RS	Unstratified	RS K_05	2
## 332	Unstratified_RS	Unstratified	RS K_05	2
## 333	Unstratified_RS	Unstratified	RS K_05	5
## 334	Unstratified_RS	Unstratified	RS K_05	3
## 335	Unstratified_RS	Unstratified	RS K_05	3
## 336	Unstratified_RS	Unstratified	RS K_05	5
## 337	Unstratified_RS	Unstratified	RS K_05	5
## 338	Unstratified_RS	Unstratified	RS K_05	1
## 339	Unstratified_RS	Unstratified	RS K_05	3
## 340	Unstratified_RS	Unstratified	RS K_05	5
## 341	Unstratified_RS	Unstratified	RS K_05	3
## 342	Unstratified_RS	Unstratified	RS K_05	5
## 343	Unstratified_RS	Unstratified	RS K_05	5
## 344	Unstratified_RS	Unstratified	RS K_05	5
## 345	Unstratified_RS	Unstratified	RS K_05	5
## 346	Unstratified_RS	Unstratified	RS K_05	2
## 347	Unstratified_RS	Unstratified	RS K_05	3

## 348	Unstratified_RS	Unstratified	RS K_05	3
## 349	Unstratified_RS	Unstratified	RS K_05	5
## 350	Unstratified_RS	Unstratified	RS K_05	3
## 351	Unstratified_RS	Unstratified	RS K_05	5
## 352	Unstratified_RS	Unstratified	RS K_05	5
## 353	Unstratified_RS	Unstratified	RS K_05	5
## 354	Unstratified_RS	Unstratified	RS K_05	3
## 355	Unstratified_RS	Unstratified	RS K_05	2
## 356	Unstratified_RS	Unstratified	RS K_05	5
## 357	Unstratified_RS	Unstratified	RS K_05	5
## 358	Unstratified_RS	Unstratified	RS K_05	2
## 359	Unstratified_RS	Unstratified	RS K_05	5
## 360	Unstratified_RS	Unstratified	RS K_05	5
## 361	Unstratified_CS	Unstratified	CS K_05	5
## 362	Unstratified_CS	Unstratified	CS K_05	5
## 363	Unstratified_CS	Unstratified	CS K_05	5
## 364	Unstratified_CS	Unstratified	CS K_05	1
## 365	Unstratified_CS	Unstratified	CS K_05	5
## 366	Unstratified_CS	Unstratified	CS K_05	5
## 367	Unstratified_CS	Unstratified	CS K_05	3
## 368	Unstratified_CS	Unstratified	CS K_05	3
## 369	Unstratified_CS	Unstratified	CS K_05	5
## 370	Unstratified_CS	Unstratified	CS K_05	5
## 371	Unstratified_CS	Unstratified	CS K_05	3
## 372	Unstratified_CS	Unstratified	CS K_05	5
## 373	Unstratified_CS	Unstratified	CS K_05	5
## 374	Unstratified_CS	Unstratified	CS K_05	5

## 375	Unstratified_CS	Unstratified	CS K_05	5
## 376	Unstratified_CS	Unstratified	CS K_05	5
## 377	Unstratified_CS	Unstratified	CS K_05	5
## 378	Unstratified_CS	Unstratified	CS K_05	5
## 379	Unstratified_CS	Unstratified	CS K_05	5
## 380	Unstratified_CS	Unstratified	CS K_05	5
## 381	Unstratified_CS	Unstratified	CS K_05	5
## 382	Unstratified_CS	Unstratified	CS K_05	5
## 383	Unstratified_CS	Unstratified	CS K_05	5
## 384	Unstratified_CS	Unstratified	CS K_05	5
## 385	Unstratified_CS	Unstratified	CS K_05	5
## 386	Unstratified_CS	Unstratified	CS K_05	5
## 387	Unstratified_CS	Unstratified	CS K_05	2
## 388	Unstratified_CS	Unstratified	CS K_05	5
## 389	Unstratified_CS	Unstratified	CS K_05	5
## 390	Unstratified_CS	Unstratified	CS K_05	5
## 391	Unstratified_CS	Unstratified	CS K_05	5
## 392	Unstratified_CS	Unstratified	CS K_05	5
## 393	Unstratified_CS	Unstratified	CS K_05	5
## 394	Unstratified_CS	Unstratified	CS K_05	3
## 395	Unstratified_CS	Unstratified	CS K_05	5
## 396	Unstratified_CS	Unstratified	CS K_05	5
## 397	Unstratified_CS	Unstratified	CS K_05	5
## 398	Unstratified_CS	Unstratified	CS K_05	5
## 399	Unstratified_CS	Unstratified	CS K_05	5
## 400	Unstratified_CS	Unstratified	CS K_05	5
## 401	Unstratified_CS	Unstratified	CS K_05	5

## 402	Unstratified_CS	Unstratified	CS K_05	5
## 403	Unstratified_CS	Unstratified	CS K_05	5
## 404	Unstratified_CS	Unstratified	CS K_05	5
## 405	Unstratified_CS	Unstratified	CS K_05	5
## 406	Unstratified_CS	Unstratified	CS K_05	5
## 407	Unstratified_CS	Unstratified	CS K_05	5
## 408	Unstratified_CS	Unstratified	CS K_05	5
## 409	Unstratified_CS	Unstratified	CS K_05	5
## 410	Unstratified_CS	Unstratified	CS K_05	3
## 411	Unstratified_CS	Unstratified	CS K_05	5
## 412	Unstratified_CS	Unstratified	CS K_05	5
## 413	Unstratified_CS	Unstratified	CS K_05	5
## 414	Unstratified_CS	Unstratified	CS K_05	5
## 415	Unstratified_CS	Unstratified	CS K_05	5
## 416	Unstratified_CS	Unstratified	CS K_05	5
## 417	Unstratified_CS	Unstratified	CS K_05	5
## 418	Unstratified_CS	Unstratified	CS K_05	5
## 419	Unstratified_CS	Unstratified	CS K_05	3
## 420	Unstratified_CS	Unstratified	CS K_05	5
## 421	Stratified_BS	Stratified	BS K_05	1
## 422	Stratified_BS	Stratified	BS K_05	3
## 423	Stratified_BS	Stratified	BS K_05	5
## 424	Stratified_BS	Stratified	BS K_05	3
## 425	Stratified_BS	Stratified	BS K_05	5
## 426	Stratified_BS	Stratified	BS K_05	5
## 427	Stratified_BS	Stratified	BS K_05	5
## 428	Stratified_BS	Stratified	BS K_05	3

## 429	Stratified_BS	Stratified	BS K_05	5
## 430	Stratified_BS	Stratified	BS K_05	5
## 431	Stratified_BS	Stratified	BS K_05	5
## 432	Stratified_BS	Stratified	BS K_05	3
## 433	Stratified_BS	Stratified	BS K_05	5
## 434	Stratified_BS	Stratified	BS K_05	2
## 435	Stratified_BS	Stratified	BS K_05	5
## 436	Stratified_BS	Stratified	BS K_05	3
## 437	Stratified_BS	Stratified	BS K_05	5
## 438	Stratified_BS	Stratified	BS K_05	2
## 439	Stratified_BS	Stratified	BS K_05	3
## 440	Stratified_BS	Stratified	BS K_05	2
## 441	Stratified_BS	Stratified	BS K_05	3
## 442	Stratified_BS	Stratified	BS K_05	5
## 443	Stratified_BS	Stratified	BS K_05	3
## 444	Stratified_BS	Stratified	BS K_05	5
## 445	Stratified_BS	Stratified	BS K_05	5
## 446	Stratified_BS	Stratified	BS K_05	3
## 447	Stratified_BS	Stratified	BS K_05	5
## 448	Stratified_BS	Stratified	BS K_05	5
## 449	Stratified_BS	Stratified	BS K_05	2
## 450	Stratified_BS	Stratified	BS K_05	3
## 451	Stratified_BS	Stratified	BS K_05	5
## 452	Stratified_BS	Stratified	BS K_05	4
## 453	Stratified_BS	Stratified	BS K_05	1
## 454	Stratified_BS	Stratified	BS K_05	4
## 455	Stratified_BS	Stratified	BS K_05	3

## 456	Stratified_BS	Stratified	BS K_05	4
## 457	Stratified_BS	Stratified	BS K_05	3
## 458	Stratified_BS	Stratified	BS K_05	2
## 459	Stratified_BS	Stratified	BS K_05	2
## 460	Stratified_BS	Stratified	BS K_05	2
## 461	Stratified_BS	Stratified	BS K_05	1
## 462	Stratified_BS	Stratified	BS K_05	1
## 463	Stratified_BS	Stratified	BS K_05	1
## 464	Stratified_BS	Stratified	BS K_05	4
## 465	Stratified_BS	Stratified	BS K_05	1
## 466	Stratified_BS	Stratified	BS K_05	4
## 467	Stratified_BS	Stratified	BS K_05	1
## 468	Stratified_BS	Stratified	BS K_05	4
## 469	Stratified_BS	Stratified	BS K_05	1
## 470	Stratified_BS	Stratified	BS K_05	1
## 471	Stratified_BS	Stratified	BS K_05	1
## 472	Stratified_BS	Stratified	BS K_05	1
## 473	Stratified_BS	Stratified	BS K_05	4
## 474	Stratified_BS	Stratified	BS K_05	4
## 475	Stratified_BS	Stratified	BS K_05	4
## 476	Stratified_BS	Stratified	BS K_05	4
## 477	Stratified_BS	Stratified	BS K_05	4
## 478	Stratified_BS	Stratified	BS K_05	4
## 479	Stratified_BS	Stratified	BS K_05	4
## 480	Stratified_BS	Stratified	BS K_05	4
## 481	Stratified_RS	Stratified	RS K_05	1
## 482	Stratified_RS	Stratified	RS K_05	1

## 483	Stratified_RS	Stratified	RS K_05	1
## 484	Stratified_RS	Stratified	RS K_05	1
## 485	Stratified_RS	Stratified	RS K_05	1
## 486	Stratified_RS	Stratified	RS K_05	1
## 487	Stratified_RS	Stratified	RS K_05	1
## 488	Stratified_RS	Stratified	RS K_05	1
## 489	Stratified_RS	Stratified	RS K_05	1
## 490	Stratified_RS	Stratified	RS K_05	1
## 491	Stratified_RS	Stratified	RS K_05	1
## 492	Stratified_RS	Stratified	RS K_05	2
## 493	Stratified_RS	Stratified	RS K_05	2
## 494	Stratified_RS	Stratified	RS K_05	2
## 495	Stratified_RS	Stratified	RS K_05	2
## 496	Stratified_RS	Stratified	RS K_05	2
## 497	Stratified_RS	Stratified	RS K_05	2
## 498	Stratified_RS	Stratified	RS K_05	2
## 499	Stratified_RS	Stratified	RS K_05	3
## 500	Stratified_RS	Stratified	RS K_05	3
## 501	Stratified_RS	Stratified	RS K_05	3
## 502	Stratified_RS	Stratified	RS K_05	3
## 503	Stratified_RS	Stratified	RS K_05	3
## 504	Stratified_RS	Stratified	RS K_05	3
## 505	Stratified_RS	Stratified	RS K_05	3
## 506	Stratified_RS	Stratified	RS K_05	3
## 507	Stratified_RS	Stratified	RS K_05	3
## 508	Stratified_RS	Stratified	RS K_05	3
## 509	Stratified_RS	Stratified	RS K_05	3

## 510	Stratified_RS	Stratified	RS K_05	3
## 511	Stratified_RS	Stratified	RS K_05	4
## 512	Stratified_RS	Stratified	RS K_05	4
## 513	Stratified_RS	Stratified	RS K_05	4
## 514	Stratified_RS	Stratified	RS K_05	4
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## 517	Stratified_RS	Stratified	RS K_05	4
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## 519	Stratified_RS	Stratified	RS K_05	4
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## 525	Stratified_RS	Stratified	RS K_05	5
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## 527	Stratified_RS	Stratified	RS K_05	5
## 528	Stratified_RS	Stratified	RS K_05	5
## 529	Stratified_RS	Stratified	RS K_05	5
## 530	Stratified_RS	Stratified	RS K_05	5
## 531	Stratified_RS	Stratified	RS K_05	5
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## 533	Stratified_RS	Stratified	RS K_05	5
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## 537	Stratified_RS	Stratified	RS K_05	5
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## 539	Stratified_RS	Stratified	RS K_05	5
## 540	Stratified_RS	Stratified	RS K_05	5
## 541	Stratified_CS	Stratified	CS K_05	1
## 542	Stratified_CS	Stratified	CS K_05	1
## 543	Stratified_CS	Stratified	CS K_05	1
## 544	Stratified_CS	Stratified	CS K_05	1
## 545	Stratified_CS	Stratified	CS K_05	1
## 546	Stratified_CS	Stratified	CS K_05	1
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## 548	Stratified_CS	Stratified	CS K_05	1
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## 550	Stratified_CS	Stratified	CS K_05	1
## 551	Stratified_CS	Stratified	CS K_05	1
## 552	Stratified_CS	Stratified	CS K_05	2
## 553	Stratified_CS	Stratified	CS K_05	2
## 554	Stratified_CS	Stratified	CS K_05	2
## 555	Stratified_CS	Stratified	CS K_05	2
## 556	Stratified_CS	Stratified	CS K_05	2
## 557	Stratified_CS	Stratified	CS K_05	2
## 558	Stratified_CS	Stratified	CS K_05	2
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## 560	Stratified_CS	Stratified	CS K_05	3
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## 562	Stratified_CS	Stratified	CS K_05	3
## 563	Stratified_CS	Stratified	CS K_05	3

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## 566	Stratified_CS	Stratified	CS K_05	3
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## 568	Stratified_CS	Stratified	CS K_05	3
## 569	Stratified_CS	Stratified	CS K_05	3
## 570	Stratified_CS	Stratified	CS K_05	3
## 571	Stratified_CS	Stratified	CS K_05	4
## 572	Stratified_CS	Stratified	CS K_05	4
## 573	Stratified_CS	Stratified	CS K_05	4
## 574	Stratified_CS	Stratified	CS K_05	4
## 575	Stratified_CS	Stratified	CS K_05	4
## 576	Stratified_CS	Stratified	CS K_05	4
## 577	Stratified_CS	Stratified	CS K_05	4
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## 579	Stratified_CS	Stratified	CS K_05	4
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## 583	Stratified_CS	Stratified	CS K_05	4
## 584	Stratified_CS	Stratified	CS K_05	4
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## 586	Stratified_CS	Stratified	CS K_05	5
## 587	Stratified_CS	Stratified	CS K_05	5
## 588	Stratified_CS	Stratified	CS K_05	5
## 589	Stratified_CS	Stratified	CS K_05	5
## 590	Stratified_CS	Stratified	CS K_05	5

## 591	Stratified_CS	Stratified	CS K_05	5
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## 593	Stratified_CS	Stratified	CS K_05	5
## 594	Stratified_CS	Stratified	CS K_05	5
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## 597	Stratified_CS	Stratified	CS K_05	5
## 598	Stratified_CS	Stratified	CS K_05	5
## 599	Stratified_CS	Stratified	CS K_05	5
## 600	Stratified_CS	Stratified	CS K_05	5
## 601	Unstratified_RS	Unstratified	RS K_05	5
## 602	Unstratified_RS	Unstratified	RS K_05	5
## 603	Unstratified_RS	Unstratified	RS K_05	3
## 604	Unstratified_RS	Unstratified	RS K_05	5
## 605	Unstratified_RS	Unstratified	RS K_05	2
## 606	Unstratified_RS	Unstratified	RS K_05	5
## 607	Unstratified_RS	Unstratified	RS K_05	5
## 608	Unstratified_RS	Unstratified	RS K_05	4
## 609	Unstratified_RS	Unstratified	RS K_05	3
## 610	Unstratified_RS	Unstratified	RS K_05	3
## 611	Unstratified_RS	Unstratified	RS K_05	1
## 612	Unstratified_RS	Unstratified	RS K_05	5
## 613	Unstratified_RS	Unstratified	RS K_05	5
## 614	Unstratified_RS	Unstratified	RS K_05	5
## 615	Unstratified_RS	Unstratified	RS K_05	5
## 616	Unstratified_RS	Unstratified	RS K_05	5
## 617	Unstratified_RS	Unstratified	RS K_05	5

## 618	Unstratified_RS	Unstratified	RS K_05	5
## 619	Unstratified_RS	Unstratified	RS K_05	5
## 620	Unstratified_RS	Unstratified	RS K_05	5
## 621	Unstratified_RS	Unstratified	RS K_05	5
## 622	Unstratified_RS	Unstratified	RS K_05	5
## 623	Unstratified_RS	Unstratified	RS K_05	5
## 624	Unstratified_RS	Unstratified	RS K_05	3
## 625	Unstratified_RS	Unstratified	RS K_05	3
## 626	Unstratified_RS	Unstratified	RS K_05	5
## 627	Unstratified_RS	Unstratified	RS K_05	3
## 628	Unstratified_RS	Unstratified	RS K_05	5
## 629	Unstratified_RS	Unstratified	RS K_05	3
## 630	Unstratified_RS	Unstratified	RS K_05	5
## 631	Unstratified_RS	Unstratified	RS K_05	3
## 632	Unstratified_RS	Unstratified	RS K_05	5
## 633	Unstratified_RS	Unstratified	RS K_05	3
## 634	Unstratified_RS	Unstratified	RS K_05	5
## 635	Unstratified_RS	Unstratified	RS K_05	3
## 636	Unstratified_RS	Unstratified	RS K_05	5
## 637	Unstratified_RS	Unstratified	RS K_05	1
## 638	Unstratified_RS	Unstratified	RS K_05	5
## 639	Unstratified_RS	Unstratified	RS K_05	5
## 640	Unstratified_RS	Unstratified	RS K_05	3
## 641	Unstratified_RS	Unstratified	RS K_05	5
## 642	Unstratified_RS	Unstratified	RS K_05	3
## 643	Unstratified_RS	Unstratified	RS K_05	3
## 644	Unstratified_RS	Unstratified	RS K_05	5

## 645	Unstratified_RS	Unstratified	RS K_05	5
## 646	Unstratified_RS	Unstratified	RS K_05	5
## 647	Unstratified_RS	Unstratified	RS K_05	5
## 648	Unstratified_RS	Unstratified	RS K_05	3
## 649	Unstratified_RS	Unstratified	RS K_05	3
## 650	Unstratified_RS	Unstratified	RS K_05	5
## 651	Unstratified_RS	Unstratified	RS K_05	5
## 652	Unstratified_RS	Unstratified	RS K_05	3
## 653	Unstratified_RS	Unstratified	RS K_05	3
## 654	Unstratified_RS	Unstratified	RS K_05	3
## 655	Unstratified_RS	Unstratified	RS K_05	5
## 656	Unstratified_RS	Unstratified	RS K_05	5
## 657	Unstratified_RS	Unstratified	RS K_05	5
## 658	Unstratified_RS	Unstratified	RS K_05	5
## 659	Unstratified_RS	Unstratified	RS K_05	5
## 660	Unstratified_RS	Unstratified	RS K_05	2
## 661	Unstratified_CS	Unstratified	CS K_05	5
## 662	Unstratified_CS	Unstratified	CS K_05	3
## 663	Unstratified_CS	Unstratified	CS K_05	5
## 664	Unstratified_CS	Unstratified	CS K_05	5
## 665	Unstratified_CS	Unstratified	CS K_05	5
## 666	Unstratified_CS	Unstratified	CS K_05	5
## 667	Unstratified_CS	Unstratified	CS K_05	5
## 668	Unstratified_CS	Unstratified	CS K_05	5
## 669	Unstratified_CS	Unstratified	CS K_05	5
## 670	Unstratified_CS	Unstratified	CS K_05	3
## 671	Unstratified_CS	Unstratified	CS K_05	3

## 672	Unstratified_CS	Unstratified	CS K_05	3
## 673	Unstratified_CS	Unstratified	CS K_05	5
## 674	Unstratified_CS	Unstratified	CS K_05	5
## 675	Unstratified_CS	Unstratified	CS K_05	5
## 676	Unstratified_CS	Unstratified	CS K_05	5
## 677	Unstratified_CS	Unstratified	CS K_05	2
## 678	Unstratified_CS	Unstratified	CS K_05	5
## 679	Unstratified_CS	Unstratified	CS K_05	5
## 680	Unstratified_CS	Unstratified	CS K_05	5
## 681	Unstratified_CS	Unstratified	CS K_05	5
## 682	Unstratified_CS	Unstratified	CS K_05	3
## 683	Unstratified_CS	Unstratified	CS K_05	5
## 684	Unstratified_CS	Unstratified	CS K_05	3
## 685	Unstratified_CS	Unstratified	CS K_05	5
## 686	Unstratified_CS	Unstratified	CS K_05	2
## 687	Unstratified_CS	Unstratified	CS K_05	5
## 688	Unstratified_CS	Unstratified	CS K_05	5
## 689	Unstratified_CS	Unstratified	CS K_05	5
## 690	Unstratified_CS	Unstratified	CS K_05	5
## 691	Unstratified_CS	Unstratified	CS K_05	5
## 692	Unstratified_CS	Unstratified	CS K_05	5
## 693	Unstratified_CS	Unstratified	CS K_05	5
## 694	Unstratified_CS	Unstratified	CS K_05	4
## 695	Unstratified_CS	Unstratified	CS K_05	5
## 696	Unstratified_CS	Unstratified	CS K_05	5
## 697	Unstratified_CS	Unstratified	CS K_05	5
## 698	Unstratified_CS	Unstratified	CS K_05	5

## 699	Unstratified_CS	Unstratified	CS K_05	5
## 700	Unstratified_CS	Unstratified	CS K_05	3
## 701	Unstratified_CS	Unstratified	CS K_05	5
## 702	Unstratified_CS	Unstratified	CS K_05	5
## 703	Unstratified_CS	Unstratified	CS K_05	4
## 704	Unstratified_CS	Unstratified	CS K_05	5
## 705	Unstratified_CS	Unstratified	CS K_05	5
## 706	Unstratified_CS	Unstratified	CS K_05	5
## 707	Unstratified_CS	Unstratified	CS K_05	5
## 708	Unstratified_CS	Unstratified	CS K_05	5
## 709	Unstratified_CS	Unstratified	CS K_05	5
## 710	Unstratified_CS	Unstratified	CS K_05	1
## 711	Unstratified_CS	Unstratified	CS K_05	5
## 712	Unstratified_CS	Unstratified	CS K_05	5
## 713	Unstratified_CS	Unstratified	CS K_05	1
## 714	Unstratified_CS	Unstratified	CS K_05	5
## 715	Unstratified_CS	Unstratified	CS K_05	2
## 716	Unstratified_CS	Unstratified	CS K_05	5
## 717	Unstratified_CS	Unstratified	CS K_05	2
## 718	Unstratified_CS	Unstratified	CS K_05	5
## 719	Unstratified_CS	Unstratified	CS K_05	3
## 720	Unstratified_CS	Unstratified	CS K_05	5
## 721	Stratified_BS	Stratified	BS K_05	3
## 722	Stratified_BS	Stratified	BS K_05	2
## 723	Stratified_BS	Stratified	BS K_05	3
## 724	Stratified_BS	Stratified	BS K_05	5
## 725	Stratified_BS	Stratified	BS K_05	3

## 726	Stratified_BS	Stratified	BS K_05	3
## 727	Stratified_BS	Stratified	BS K_05	5
## 728	Stratified_BS	Stratified	BS K_05	5
## 729	Stratified_BS	Stratified	BS K_05	3
## 730	Stratified_BS	Stratified	BS K_05	5
## 731	Stratified_BS	Stratified	BS K_05	3
## 732	Stratified_BS	Stratified	BS K_05	5
## 733	Stratified_BS	Stratified	BS K_05	5
## 734	Stratified_BS	Stratified	BS K_05	5
## 735	Stratified_BS	Stratified	BS K_05	2
## 736	Stratified_BS	Stratified	BS K_05	5
## 737	Stratified_BS	Stratified	BS K_05	5
## 738	Stratified_BS	Stratified	BS K_05	5
## 739	Stratified_BS	Stratified	BS K_05	3
## 740	Stratified_BS	Stratified	BS K_05	5
## 741	Stratified_BS	Stratified	BS K_05	5
## 742	Stratified_BS	Stratified	BS K_05	5
## 743	Stratified_BS	Stratified	BS K_05	5
## 744	Stratified_BS	Stratified	BS K_05	5
## 745	Stratified_BS	Stratified	BS K_05	2
## 746	Stratified_BS	Stratified	BS K_05	3
## 747	Stratified_BS	Stratified	BS K_05	2
## 748	Stratified_BS	Stratified	BS K_05	2
## 749	Stratified_BS	Stratified	BS K_05	5
## 750	Stratified_BS	Stratified	BS K_05	3
## 751	Stratified_BS	Stratified	BS K_05	3
## 752	Stratified_BS	Stratified	BS K_05	2

## 753	Stratified_BS	Stratified	BS K_05	3
## 754	Stratified_BS	Stratified	BS K_05	2
## 755	Stratified_BS	Stratified	BS K_05	3
## 756	Stratified_BS	Stratified	BS K_05	4
## 757	Stratified_BS	Stratified	BS K_05	4
## 758	Stratified_BS	Stratified	BS K_05	1
## 759	Stratified_BS	Stratified	BS K_05	1
## 760	Stratified_BS	Stratified	BS K_05	4
## 761	Stratified_BS	Stratified	BS K_05	1
## 762	Stratified_BS	Stratified	BS K_05	1
## 763	Stratified_BS	Stratified	BS K_05	4
## 764	Stratified_BS	Stratified	BS K_05	1
## 765	Stratified_BS	Stratified	BS K_05	1
## 766	Stratified_BS	Stratified	BS K_05	4
## 767	Stratified_BS	Stratified	BS K_05	4
## 768	Stratified_BS	Stratified	BS K_05	1
## 769	Stratified_BS	Stratified	BS K_05	4
## 770	Stratified_BS	Stratified	BS K_05	1
## 771	Stratified_BS	Stratified	BS K_05	4
## 772	Stratified_BS	Stratified	BS K_05	4
## 773	Stratified_BS	Stratified	BS K_05	1
## 774	Stratified_BS	Stratified	BS K_05	1
## 775	Stratified_BS	Stratified	BS K_05	4
## 776	Stratified_BS	Stratified	BS K_05	1
## 777	Stratified_BS	Stratified	BS K_05	4
## 778	Stratified_BS	Stratified	BS K_05	4
## 779	Stratified_BS	Stratified	BS K_05	4

## 780	Stratified_BS	Stratified	BS K_05	4
## 781	Stratified_RS	Stratified	RS K_05	1
## 782	Stratified_RS	Stratified	RS K_05	1
## 783	Stratified_RS	Stratified	RS K_05	1
## 784	Stratified_RS	Stratified	RS K_05	1
## 785	Stratified_RS	Stratified	RS K_05	1
## 786	Stratified_RS	Stratified	RS K_05	1
## 787	Stratified_RS	Stratified	RS K_05	1
## 788	Stratified_RS	Stratified	RS K_05	1
## 789	Stratified_RS	Stratified	RS K_05	1
## 790	Stratified_RS	Stratified	RS K_05	1
## 791	Stratified_RS	Stratified	RS K_05	1
## 792	Stratified_RS	Stratified	RS K_05	2
## 793	Stratified_RS	Stratified	RS K_05	2
## 794	Stratified_RS	Stratified	RS K_05	2
## 795	Stratified_RS	Stratified	RS K_05	2
## 796	Stratified_RS	Stratified	RS K_05	2
## 797	Stratified_RS	Stratified	RS K_05	2
## 798	Stratified_RS	Stratified	RS K_05	2
## 799	Stratified_RS	Stratified	RS K_05	3
## 800	Stratified_RS	Stratified	RS K_05	3
## 801	Stratified_RS	Stratified	RS K_05	3
## 802	Stratified_RS	Stratified	RS K_05	3
## 803	Stratified_RS	Stratified	RS K_05	3
## 804	Stratified_RS	Stratified	RS K_05	3
## 805	Stratified_RS	Stratified	RS K_05	3
## 806	Stratified_RS	Stratified	RS K_05	3

## 807	Stratified_RS	Stratified	RS K_05	3
## 808	Stratified_RS	Stratified	RS K_05	3
## 809	Stratified_RS	Stratified	RS K_05	3
## 810	Stratified_RS	Stratified	RS K_05	3
## 811	Stratified_RS	Stratified	RS K_05	4
## 812	Stratified_RS	Stratified	RS K_05	4
## 813	Stratified_RS	Stratified	RS K_05	4
## 814	Stratified_RS	Stratified	RS K_05	4
## 815	Stratified_RS	Stratified	RS K_05	4
## 816	Stratified_RS	Stratified	RS K_05	4
## 817	Stratified_RS	Stratified	RS K_05	4
## 818	Stratified_RS	Stratified	RS K_05	4
## 819	Stratified_RS	Stratified	RS K_05	4
## 820	Stratified_RS	Stratified	RS K_05	4
## 821	Stratified_RS	Stratified	RS K_05	4
## 822	Stratified_RS	Stratified	RS K_05	4
## 823	Stratified_RS	Stratified	RS K_05	4
## 824	Stratified_RS	Stratified	RS K_05	4
## 825	Stratified_RS	Stratified	RS K_05	5
## 826	Stratified_RS	Stratified	RS K_05	5
## 827	Stratified_RS	Stratified	RS K_05	5
## 828	Stratified_RS	Stratified	RS K_05	5
## 829	Stratified_RS	Stratified	RS K_05	5
## 830	Stratified_RS	Stratified	RS K_05	5
## 831	Stratified_RS	Stratified	RS K_05	5
## 832	Stratified_RS	Stratified	RS K_05	5
## 833	Stratified_RS	Stratified	RS K_05	5

## 834	Stratified_RS	Stratified	RS K_05	5
## 835	Stratified_RS	Stratified	RS K_05	5
## 836	Stratified_RS	Stratified	RS K_05	5
## 837	Stratified_RS	Stratified	RS K_05	5
## 838	Stratified_RS	Stratified	RS K_05	5
## 839	Stratified_RS	Stratified	RS K_05	5
## 840	Stratified_RS	Stratified	RS K_05	5
## 841	Stratified_CS	Stratified	CS K_05	1
## 842	Stratified_CS	Stratified	CS K_05	1
## 843	Stratified_CS	Stratified	CS K_05	1
## 844	Stratified_CS	Stratified	CS K_05	1
## 845	Stratified_CS	Stratified	CS K_05	1
## 846	Stratified_CS	Stratified	CS K_05	1
## 847	Stratified_CS	Stratified	CS K_05	1
## 848	Stratified_CS	Stratified	CS K_05	1
## 849	Stratified_CS	Stratified	CS K_05	1
## 850	Stratified_CS	Stratified	CS K_05	1
## 851	Stratified_CS	Stratified	CS K_05	1
## 852	Stratified_CS	Stratified	CS K_05	2
## 853	Stratified_CS	Stratified	CS K_05	2
## 854	Stratified_CS	Stratified	CS K_05	2
## 855	Stratified_CS	Stratified	CS K_05	2
## 856	Stratified_CS	Stratified	CS K_05	2
## 857	Stratified_CS	Stratified	CS K_05	2
## 858	Stratified_CS	Stratified	CS K_05	2
## 859	Stratified_CS	Stratified	CS K_05	3
## 860	Stratified_CS	Stratified	CS K_05	3

## 861	Stratified_CS	Stratified	CS K_05	3
## 862	Stratified_CS	Stratified	CS K_05	3
## 863	Stratified_CS	Stratified	CS K_05	3
## 864	Stratified_CS	Stratified	CS K_05	3
## 865	Stratified_CS	Stratified	CS K_05	3
## 866	Stratified_CS	Stratified	CS K_05	3
## 867	Stratified_CS	Stratified	CS K_05	3
## 868	Stratified_CS	Stratified	CS K_05	3
## 869	Stratified_CS	Stratified	CS K_05	3
## 870	Stratified_CS	Stratified	CS K_05	3
## 871	Stratified_CS	Stratified	CS K_05	4
## 872	Stratified_CS	Stratified	CS K_05	4
## 873	Stratified_CS	Stratified	CS K_05	4
## 874	Stratified_CS	Stratified	CS K_05	4
## 875	Stratified_CS	Stratified	CS K_05	4
## 876	Stratified_CS	Stratified	CS K_05	4
## 877	Stratified_CS	Stratified	CS K_05	4
## 878	Stratified_CS	Stratified	CS K_05	4
## 879	Stratified_CS	Stratified	CS K_05	4
## 880	Stratified_CS	Stratified	CS K_05	4
## 881	Stratified_CS	Stratified	CS K_05	4
## 882	Stratified_CS	Stratified	CS K_05	4
## 883	Stratified_CS	Stratified	CS K_05	4
## 884	Stratified_CS	Stratified	CS K_05	4
## 885	Stratified_CS	Stratified	CS K_05	5
## 886	Stratified_CS	Stratified	CS K_05	5
## 887	Stratified_CS	Stratified	CS K_05	5

## 888	Stratified_CS	Stratified	CS K_05	5
## 889	Stratified_CS	Stratified	CS K_05	5
## 890	Stratified_CS	Stratified	CS K_05	5
## 891	Stratified_CS	Stratified	CS K_05	5
## 892	Stratified_CS	Stratified	CS K_05	5
## 893	Stratified_CS	Stratified	CS K_05	5
## 894	Stratified_CS	Stratified	CS K_05	5
## 895	Stratified_CS	Stratified	CS K_05	5
## 896	Stratified_CS	Stratified	CS K_05	5
## 897	Stratified_CS	Stratified	CS K_05	5
## 898	Stratified_CS	Stratified	CS K_05	5
## 899	Stratified_CS	Stratified	CS K_05	5
## 900	Stratified_CS	Stratified	CS K_05	5
## 901	Unstratified_RS	Unstratified	RS K_05	5
## 902	Unstratified_RS	Unstratified	RS K_05	5
## 903	Unstratified_RS	Unstratified	RS K_05	4
## 904	Unstratified_RS	Unstratified	RS K_05	3
## 905	Unstratified_RS	Unstratified	RS K_05	3
## 906	Unstratified_RS	Unstratified	RS K_05	3
## 907	Unstratified_RS	Unstratified	RS K_05	5
## 908	Unstratified_RS	Unstratified	RS K_05	5
## 909	Unstratified_RS	Unstratified	RS K_05	1
## 910	Unstratified_RS	Unstratified	RS K_05	5
## 911	Unstratified_RS	Unstratified	RS K_05	5
## 912	Unstratified_RS	Unstratified	RS K_05	5
## 913	Unstratified_RS	Unstratified	RS K_05	4
## 914	Unstratified_RS	Unstratified	RS K_05	5

## 915	Unstratified_RS	Unstratified	RS K_05	3
## 916	Unstratified_RS	Unstratified	RS K_05	3
## 917	Unstratified_RS	Unstratified	RS K_05	3
## 918	Unstratified_RS	Unstratified	RS K_05	3
## 919	Unstratified_RS	Unstratified	RS K_05	4
## 920	Unstratified_RS	Unstratified	RS K_05	5
## 921	Unstratified_RS	Unstratified	RS K_05	5
## 922	Unstratified_RS	Unstratified	RS K_05	5
## 923	Unstratified_RS	Unstratified	RS K_05	3
## 924	Unstratified_RS	Unstratified	RS K_05	5
## 925	Unstratified_RS	Unstratified	RS K_05	5
## 926	Unstratified_RS	Unstratified	RS K_05	5
## 927	Unstratified_RS	Unstratified	RS K_05	3
## 928	Unstratified_RS	Unstratified	RS K_05	5
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## 930	Unstratified_RS	Unstratified	RS K_05	5
## 931	Unstratified_RS	Unstratified	RS K_05	3
## 932	Unstratified_RS	Unstratified	RS K_05	3
## 933	Unstratified_RS	Unstratified	RS K_05	5
## 934	Unstratified_RS	Unstratified	RS K_05	4
## 935	Unstratified_RS	Unstratified	RS K_05	3
## 936	Unstratified_RS	Unstratified	RS K_05	5
## 937	Unstratified_RS	Unstratified	RS K_05	3
## 938	Unstratified_RS	Unstratified	RS K_05	5
## 939	Unstratified_RS	Unstratified	RS K_05	2
## 940	Unstratified_RS	Unstratified	RS K_05	5
## 941	Unstratified_RS	Unstratified	RS K_05	3

## 942	Unstratified_RS	Unstratified	RS K_05	5
## 943	Unstratified_RS	Unstratified	RS K_05	3
## 944	Unstratified_RS	Unstratified	RS K_05	2
## 945	Unstratified_RS	Unstratified	RS K_05	3
## 946	Unstratified_RS	Unstratified	RS K_05	3
## 947	Unstratified_RS	Unstratified	RS K_05	5
## 948	Unstratified_RS	Unstratified	RS K_05	5
## 949	Unstratified_RS	Unstratified	RS K_05	2
## 950	Unstratified_RS	Unstratified	RS K_05	1
## 951	Unstratified_RS	Unstratified	RS K_05	4
## 952	Unstratified_RS	Unstratified	RS K_05	1
## 953	Unstratified_RS	Unstratified	RS K_05	5
## 954	Unstratified_RS	Unstratified	RS K_05	5
## 955	Unstratified_RS	Unstratified	RS K_05	5
## 956	Unstratified_RS	Unstratified	RS K_05	5
## 957	Unstratified_RS	Unstratified	RS K_05	2
## 958	Unstratified_RS	Unstratified	RS K_05	5
## 959	Unstratified_RS	Unstratified	RS K_05	5
## 960	Unstratified_RS	Unstratified	RS K_05	4
## 961	Unstratified_CS	Unstratified	CS K_05	5
## 962	Unstratified_CS	Unstratified	CS K_05	2
## 963	Unstratified_CS	Unstratified	CS K_05	5
## 964	Unstratified_CS	Unstratified	CS K_05	5
## 965	Unstratified_CS	Unstratified	CS K_05	5
## 966	Unstratified_CS	Unstratified	CS K_05	3
## 967	Unstratified_CS	Unstratified	CS K_05	2
## 968	Unstratified_CS	Unstratified	CS K_05	5

## 969	Unstratified_CS	Unstratified	CS K_05	2
## 970	Unstratified_CS	Unstratified	CS K_05	5
## 971	Unstratified_CS	Unstratified	CS K_05	5
## 972	Unstratified_CS	Unstratified	CS K_05	5
## 973	Unstratified_CS	Unstratified	CS K_05	5
## 974	Unstratified_CS	Unstratified	CS K_05	4
## 975	Unstratified_CS	Unstratified	CS K_05	5
## 976	Unstratified_CS	Unstratified	CS K_05	5
## 977	Unstratified_CS	Unstratified	CS K_05	5
## 978	Unstratified_CS	Unstratified	CS K_05	5
## 979	Unstratified_CS	Unstratified	CS K_05	5
## 980	Unstratified_CS	Unstratified	CS K_05	5
## 981	Unstratified_CS	Unstratified	CS K_05	3
## 982	Unstratified_CS	Unstratified	CS K_05	5
## 983	Unstratified_CS	Unstratified	CS K_05	5
## 984	Unstratified_CS	Unstratified	CS K_05	5
## 985	Unstratified_CS	Unstratified	CS K_05	5
## 986	Unstratified_CS	Unstratified	CS K_05	5
## 987	Unstratified_CS	Unstratified	CS K_05	3
## 988	Unstratified_CS	Unstratified	CS K_05	5
## 989	Unstratified_CS	Unstratified	CS K_05	5
## 990	Unstratified_CS	Unstratified	CS K_05	5
## 991	Unstratified_CS	Unstratified	CS K_05	5
## 992	Unstratified_CS	Unstratified	CS K_05	5
## 993	Unstratified_CS	Unstratified	CS K_05	5
## 994	Unstratified_CS	Unstratified	CS K_05	3
## 995	Unstratified_CS	Unstratified	CS K_05	3

## 996	Unstratified_CS	Unstratified	CS K_05	3
## 997	Unstratified_CS	Unstratified	CS K_05	5
## 998	Unstratified_CS	Unstratified	CS K_05	1
## 999	Unstratified_CS	Unstratified	CS K_05	2
## 1000	Unstratified_CS	Unstratified	CS K_05	5
## 1001	Unstratified_CS	Unstratified	CS K_05	5
## 1002	Unstratified_CS	Unstratified	CS K_05	5
## 1003	Unstratified_CS	Unstratified	CS K_05	5
## 1004	Unstratified_CS	Unstratified	CS K_05	1
## 1005	Unstratified_CS	Unstratified	CS K_05	5
## 1006	Unstratified_CS	Unstratified	CS K_05	5
## 1007	Unstratified_CS	Unstratified	CS K_05	3
## 1008	Unstratified_CS	Unstratified	CS K_05	5
## 1009	Unstratified_CS	Unstratified	CS K_05	5
## 1010	Unstratified_CS	Unstratified	CS K_05	3
## 1011	Unstratified_CS	Unstratified	CS K_05	3
## 1012	Unstratified_CS	Unstratified	CS K_05	5
## 1013	Unstratified_CS	Unstratified	CS K_05	5
## 1014	Unstratified_CS	Unstratified	CS K_05	3
## 1015	Unstratified_CS	Unstratified	CS K_05	3
## 1016	Unstratified_CS	Unstratified	CS K_05	5
## 1017	Unstratified_CS	Unstratified	CS K_05	5
## 1018	Unstratified_CS	Unstratified	CS K_05	5
## 1019	Unstratified_CS	Unstratified	CS K_05	3
## 1020	Unstratified_CS	Unstratified	CS K_05	3
## 1021	Stratified_BS	Stratified	BS K_05	2
## 1022	Stratified_BS	Stratified	BS K_05	3

## 1023	Stratified_BS	Stratified	BS K_05	5
## 1024	Stratified_BS	Stratified	BS K_05	3
## 1025	Stratified_BS	Stratified	BS K_05	5
## 1026	Stratified_BS	Stratified	BS K_05	2
## 1027	Stratified_BS	Stratified	BS K_05	3
## 1028	Stratified_BS	Stratified	BS K_05	2
## 1029	Stratified_BS	Stratified	BS K_05	3
## 1030	Stratified_BS	Stratified	BS K_05	5
## 1031	Stratified_BS	Stratified	BS K_05	5
## 1032	Stratified_BS	Stratified	BS K_05	5
## 1033	Stratified_BS	Stratified	BS K_05	3
## 1034	Stratified_BS	Stratified	BS K_05	5
## 1035	Stratified_BS	Stratified	BS K_05	5
## 1036	Stratified_BS	Stratified	BS K_05	2
## 1037	Stratified_BS	Stratified	BS K_05	5
## 1038	Stratified_BS	Stratified	BS K_05	2
## 1039	Stratified_BS	Stratified	BS K_05	5
## 1040	Stratified_BS	Stratified	BS K_05	5
## 1041	Stratified_BS	Stratified	BS K_05	2
## 1042	Stratified_BS	Stratified	BS K_05	3
## 1043	Stratified_BS	Stratified	BS K_05	5
## 1044	Stratified_BS	Stratified	BS K_05	3
## 1045	Stratified_BS	Stratified	BS K_05	5
## 1046	Stratified_BS	Stratified	BS K_05	3
## 1047	Stratified_BS	Stratified	BS K_05	5
## 1048	Stratified_BS	Stratified	BS K_05	3
## 1049	Stratified_BS	Stratified	BS K_05	5

## 1050	Stratified_BS	Stratified	BS K_05	5
## 1051	Stratified_BS	Stratified	BS K_05	2
## 1052	Stratified_BS	Stratified	BS K_05	3
## 1053	Stratified_BS	Stratified	BS K_05	4
## 1054	Stratified_BS	Stratified	BS K_05	3
## 1055	Stratified_BS	Stratified	BS K_05	5
## 1056	Stratified_BS	Stratified	BS K_05	3
## 1057	Stratified_BS	Stratified	BS K_05	4
## 1058	Stratified_BS	Stratified	BS K_05	4
## 1059	Stratified_BS	Stratified	BS K_05	1
## 1060	Stratified_BS	Stratified	BS K_05	4
## 1061	Stratified_BS	Stratified	BS K_05	4
## 1062	Stratified_BS	Stratified	BS K_05	4
## 1063	Stratified_BS	Stratified	BS K_05	4
## 1064	Stratified_BS	Stratified	BS K_05	1
## 1065	Stratified_BS	Stratified	BS K_05	1
## 1066	Stratified_BS	Stratified	BS K_05	4
## 1067	Stratified_BS	Stratified	BS K_05	4
## 1068	Stratified_BS	Stratified	BS K_05	4
## 1069	Stratified_BS	Stratified	BS K_05	4
## 1070	Stratified_BS	Stratified	BS K_05	1
## 1071	Stratified_BS	Stratified	BS K_05	4
## 1072	Stratified_BS	Stratified	BS K_05	4
## 1073	Stratified_BS	Stratified	BS K_05	1
## 1074	Stratified_BS	Stratified	BS K_05	1
## 1075	Stratified_BS	Stratified	BS K_05	4
## 1076	Stratified_BS	Stratified	BS K_05	1

## 1077	Stratified_BS	Stratified	BS K_05	1
## 1078	Stratified_BS	Stratified	BS K_05	1
## 1079	Stratified_BS	Stratified	BS K_05	1
## 1080	Stratified_BS	Stratified	BS K_05	1
## 1081	Stratified_RS	Stratified	RS K_05	1
## 1082	Stratified_RS	Stratified	RS K_05	1
## 1083	Stratified_RS	Stratified	RS K_05	1
## 1084	Stratified_RS	Stratified	RS K_05	1
## 1085	Stratified_RS	Stratified	RS K_05	1
## 1086	Stratified_RS	Stratified	RS K_05	1
## 1087	Stratified_RS	Stratified	RS K_05	1
## 1088	Stratified_RS	Stratified	RS K_05	1
## 1089	Stratified_RS	Stratified	RS K_05	1
## 1090	Stratified_RS	Stratified	RS K_05	1
## 1091	Stratified_RS	Stratified	RS K_05	1
## 1092	Stratified_RS	Stratified	RS K_05	2
## 1093	Stratified_RS	Stratified	RS K_05	2
## 1094	Stratified_RS	Stratified	RS K_05	2
## 1095	Stratified_RS	Stratified	RS K_05	2
## 1096	Stratified_RS	Stratified	RS K_05	2
## 1097	Stratified_RS	Stratified	RS K_05	2
## 1098	Stratified_RS	Stratified	RS K_05	2
## 1099	Stratified_RS	Stratified	RS K_05	3
## 1100	Stratified_RS	Stratified	RS K_05	3
## 1101	Stratified_RS	Stratified	RS K_05	3
## 1102	Stratified_RS	Stratified	RS K_05	3
## 1103	Stratified_RS	Stratified	RS K_05	3

## 1104	Stratified_RS	Stratified	RS K_05	3
## 1105	Stratified_RS	Stratified	RS K_05	3
## 1106	Stratified_RS	Stratified	RS K_05	3
## 1107	Stratified_RS	Stratified	RS K_05	3
## 1108	Stratified_RS	Stratified	RS K_05	3
## 1109	Stratified_RS	Stratified	RS K_05	3
## 1110	Stratified_RS	Stratified	RS K_05	3
## 1111	Stratified_RS	Stratified	RS K_05	4
## 1112	Stratified_RS	Stratified	RS K_05	4
## 1113	Stratified_RS	Stratified	RS K_05	4
## 1114	Stratified_RS	Stratified	RS K_05	4
## 1115	Stratified_RS	Stratified	RS K_05	4
## 1116	Stratified_RS	Stratified	RS K_05	4
## 1117	Stratified_RS	Stratified	RS K_05	4
## 1118	Stratified_RS	Stratified	RS K_05	4
## 1119	Stratified_RS	Stratified	RS K_05	4
## 1120	Stratified_RS	Stratified	RS K_05	4
## 1121	Stratified_RS	Stratified	RS K_05	4
## 1122	Stratified_RS	Stratified	RS K_05	4
## 1123	Stratified_RS	Stratified	RS K_05	4
## 1124	Stratified_RS	Stratified	RS K_05	4
## 1125	Stratified_RS	Stratified	RS K_05	5
## 1126	Stratified_RS	Stratified	RS K_05	5
## 1127	Stratified_RS	Stratified	RS K_05	5
## 1128	Stratified_RS	Stratified	RS K_05	5
## 1129	Stratified_RS	Stratified	RS K_05	5
## 1130	Stratified_RS	Stratified	RS K_05	5

## 1131	Stratified_RS	Stratified	RS K_05	5
## 1132	Stratified_RS	Stratified	RS K_05	5
## 1133	Stratified_RS	Stratified	RS K_05	5
## 1134	Stratified_RS	Stratified	RS K_05	5
## 1135	Stratified_RS	Stratified	RS K_05	5
## 1136	Stratified_RS	Stratified	RS K_05	5
## 1137	Stratified_RS	Stratified	RS K_05	5
## 1138	Stratified_RS	Stratified	RS K_05	5
## 1139	Stratified_RS	Stratified	RS K_05	5
## 1140	Stratified_RS	Stratified	RS K_05	5
## 1141	Stratified_CS	Stratified	CS K_05	1
## 1142	Stratified_CS	Stratified	CS K_05	1
## 1143	Stratified_CS	Stratified	CS K_05	1
## 1144	Stratified_CS	Stratified	CS K_05	1
## 1145	Stratified_CS	Stratified	CS K_05	1
## 1146	Stratified_CS	Stratified	CS K_05	1
## 1147	Stratified_CS	Stratified	CS K_05	1
## 1148	Stratified_CS	Stratified	CS K_05	1
## 1149	Stratified_CS	Stratified	CS K_05	1
## 1150	Stratified_CS	Stratified	CS K_05	1
## 1151	Stratified_CS	Stratified	CS K_05	1
## 1152	Stratified_CS	Stratified	CS K_05	2
## 1153	Stratified_CS	Stratified	CS K_05	2
## 1154	Stratified_CS	Stratified	CS K_05	2
## 1155	Stratified_CS	Stratified	CS K_05	2
## 1156	Stratified_CS	Stratified	CS K_05	2
## 1157	Stratified_CS	Stratified	CS K_05	2

## 1158	Stratified_CS	Stratified	CS K_05	2
## 1159	Stratified_CS	Stratified	CS K_05	3
## 1160	Stratified_CS	Stratified	CS K_05	3
## 1161	Stratified_CS	Stratified	CS K_05	3
## 1162	Stratified_CS	Stratified	CS K_05	3
## 1163	Stratified_CS	Stratified	CS K_05	3
## 1164	Stratified_CS	Stratified	CS K_05	3
## 1165	Stratified_CS	Stratified	CS K_05	3
## 1166	Stratified_CS	Stratified	CS K_05	3
## 1167	Stratified_CS	Stratified	CS K_05	3
## 1168	Stratified_CS	Stratified	CS K_05	3
## 1169	Stratified_CS	Stratified	CS K_05	3
## 1170	Stratified_CS	Stratified	CS K_05	3
## 1171	Stratified_CS	Stratified	CS K_05	4
## 1172	Stratified_CS	Stratified	CS K_05	4
## 1173	Stratified_CS	Stratified	CS K_05	4
## 1174	Stratified_CS	Stratified	CS K_05	4
## 1175	Stratified_CS	Stratified	CS K_05	4
## 1176	Stratified_CS	Stratified	CS K_05	4
## 1177	Stratified_CS	Stratified	CS K_05	4
## 1178	Stratified_CS	Stratified	CS K_05	4
## 1179	Stratified_CS	Stratified	CS K_05	4
## 1180	Stratified_CS	Stratified	CS K_05	4
## 1181	Stratified_CS	Stratified	CS K_05	4
## 1182	Stratified_CS	Stratified	CS K_05	4
## 1183	Stratified_CS	Stratified	CS K_05	4
## 1184	Stratified_CS	Stratified	CS K_05	4

## 1185	Stratified_CS	Stratified	CS K_05	5
## 1186	Stratified_CS	Stratified	CS K_05	5
## 1187	Stratified_CS	Stratified	CS K_05	5
## 1188	Stratified_CS	Stratified	CS K_05	5
## 1189	Stratified_CS	Stratified	CS K_05	5
## 1190	Stratified_CS	Stratified	CS K_05	5
## 1191	Stratified_CS	Stratified	CS K_05	5
## 1192	Stratified_CS	Stratified	CS K_05	5
## 1193	Stratified_CS	Stratified	CS K_05	5
## 1194	Stratified_CS	Stratified	CS K_05	5
## 1195	Stratified_CS	Stratified	CS K_05	5
## 1196	Stratified_CS	Stratified	CS K_05	5
## 1197	Stratified_CS	Stratified	CS K_05	5
## 1198	Stratified_CS	Stratified	CS K_05	5
## 1199	Stratified_CS	Stratified	CS K_05	5
## 1200	Stratified_CS	Stratified	CS K_05	5
## 1201	Unstratified_RS	Unstratified	RS K_05	3
## 1202	Unstratified_RS	Unstratified	RS K_05	5
## 1203	Unstratified_RS	Unstratified	RS K_05	3
## 1204	Unstratified_RS	Unstratified	RS K_05	4
## 1205	Unstratified_RS	Unstratified	RS K_05	3
## 1206	Unstratified_RS	Unstratified	RS K_05	2
## 1207	Unstratified_RS	Unstratified	RS K_05	3
## 1208	Unstratified_RS	Unstratified	RS K_05	4
## 1209	Unstratified_RS	Unstratified	RS K_05	5
## 1210	Unstratified_RS	Unstratified	RS K_05	2
## 1211	Unstratified_RS	Unstratified	RS K_05	3

## 1212	Unstratified_RS	Unstratified	RS K_05	5
## 1213	Unstratified_RS	Unstratified	RS K_05	5
## 1214	Unstratified_RS	Unstratified	RS K_05	5
## 1215	Unstratified_RS	Unstratified	RS K_05	5
## 1216	Unstratified_RS	Unstratified	RS K_05	5
## 1217	Unstratified_RS	Unstratified	RS K_05	3
## 1218	Unstratified_RS	Unstratified	RS K_05	3
## 1219	Unstratified_RS	Unstratified	RS K_05	5
## 1220	Unstratified_RS	Unstratified	RS K_05	5
## 1221	Unstratified_RS	Unstratified	RS K_05	5
## 1222	Unstratified_RS	Unstratified	RS K_05	5
## 1223	Unstratified_RS	Unstratified	RS K_05	3
## 1224	Unstratified_RS	Unstratified	RS K_05	2
## 1225	Unstratified_RS	Unstratified	RS K_05	1
## 1226	Unstratified_RS	Unstratified	RS K_05	5
## 1227	Unstratified_RS	Unstratified	RS K_05	1
## 1228	Unstratified_RS	Unstratified	RS K_05	5
## 1229	Unstratified_RS	Unstratified	RS K_05	2
## 1230	Unstratified_RS	Unstratified	RS K_05	3
## 1231	Unstratified_RS	Unstratified	RS K_05	5
## 1232	Unstratified_RS	Unstratified	RS K_05	5
## 1233	Unstratified_RS	Unstratified	RS K_05	3
## 1234	Unstratified_RS	Unstratified	RS K_05	5
## 1235	Unstratified_RS	Unstratified	RS K_05	5
## 1236	Unstratified_RS	Unstratified	RS K_05	4
## 1237	Unstratified_RS	Unstratified	RS K_05	3
## 1238	Unstratified_RS	Unstratified	RS K_05	5

## 1239	Unstratified_RS	Unstratified	RS K_05	5
## 1240	Unstratified_RS	Unstratified	RS K_05	5
## 1241	Unstratified_RS	Unstratified	RS K_05	5
## 1242	Unstratified_RS	Unstratified	RS K_05	5
## 1243	Unstratified_RS	Unstratified	RS K_05	3
## 1244	Unstratified_RS	Unstratified	RS K_05	4
## 1245	Unstratified_RS	Unstratified	RS K_05	1
## 1246	Unstratified_RS	Unstratified	RS K_05	2
## 1247	Unstratified_RS	Unstratified	RS K_05	3
## 1248	Unstratified_RS	Unstratified	RS K_05	5
## 1249	Unstratified_RS	Unstratified	RS K_05	4
## 1250	Unstratified_RS	Unstratified	RS K_05	5
## 1251	Unstratified_RS	Unstratified	RS K_05	5
## 1252	Unstratified_RS	Unstratified	RS K_05	5
## 1253	Unstratified_RS	Unstratified	RS K_05	5
## 1254	Unstratified_RS	Unstratified	RS K_05	1
## 1255	Unstratified_RS	Unstratified	RS K_05	5
## 1256	Unstratified_RS	Unstratified	RS K_05	4
## 1257	Unstratified_RS	Unstratified	RS K_05	3
## 1258	Unstratified_RS	Unstratified	RS K_05	3
## 1259	Unstratified_RS	Unstratified	RS K_05	5
## 1260	Unstratified_RS	Unstratified	RS K_05	1
## 1261	Unstratified_CS	Unstratified	CS K_05	5
## 1262	Unstratified_CS	Unstratified	CS K_05	1
## 1263	Unstratified_CS	Unstratified	CS K_05	5
## 1264	Unstratified_CS	Unstratified	CS K_05	5
## 1265	Unstratified_CS	Unstratified	CS K_05	2

## 1266	Unstratified_CS	Unstratified	CS K_05	2
## 1267	Unstratified_CS	Unstratified	CS K_05	5
## 1268	Unstratified_CS	Unstratified	CS K_05	5
## 1269	Unstratified_CS	Unstratified	CS K_05	5
## 1270	Unstratified_CS	Unstratified	CS K_05	5
## 1271	Unstratified_CS	Unstratified	CS K_05	5
## 1272	Unstratified_CS	Unstratified	CS K_05	5
## 1273	Unstratified_CS	Unstratified	CS K_05	3
## 1274	Unstratified_CS	Unstratified	CS K_05	5
## 1275	Unstratified_CS	Unstratified	CS K_05	2
## 1276	Unstratified_CS	Unstratified	CS K_05	3
## 1277	Unstratified_CS	Unstratified	CS K_05	3
## 1278	Unstratified_CS	Unstratified	CS K_05	3
## 1279	Unstratified_CS	Unstratified	CS K_05	5
## 1280	Unstratified_CS	Unstratified	CS K_05	4
## 1281	Unstratified_CS	Unstratified	CS K_05	5
## 1282	Unstratified_CS	Unstratified	CS K_05	5
## 1283	Unstratified_CS	Unstratified	CS K_05	5
## 1284	Unstratified_CS	Unstratified	CS K_05	3
## 1285	Unstratified_CS	Unstratified	CS K_05	5
## 1286	Unstratified_CS	Unstratified	CS K_05	5
## 1287	Unstratified_CS	Unstratified	CS K_05	5
## 1288	Unstratified_CS	Unstratified	CS K_05	5
## 1289	Unstratified_CS	Unstratified	CS K_05	4
## 1290	Unstratified_CS	Unstratified	CS K_05	3
## 1291	Unstratified_CS	Unstratified	CS K_05	2
## 1292	Unstratified_CS	Unstratified	CS K_05	5

## 1293	Unstratified_CS	Unstratified	CS K_05	5
## 1294	Unstratified_CS	Unstratified	CS K_05	3
## 1295	Unstratified_CS	Unstratified	CS K_05	5
## 1296	Unstratified_CS	Unstratified	CS K_05	2
## 1297	Unstratified_CS	Unstratified	CS K_05	5
## 1298	Unstratified_CS	Unstratified	CS K_05	5
## 1299	Unstratified_CS	Unstratified	CS K_05	5
## 1300	Unstratified_CS	Unstratified	CS K_05	5
## 1301	Unstratified_CS	Unstratified	CS K_05	5
## 1302	Unstratified_CS	Unstratified	CS K_05	2
## 1303	Unstratified_CS	Unstratified	CS K_05	5
## 1304	Unstratified_CS	Unstratified	CS K_05	3
## 1305	Unstratified_CS	Unstratified	CS K_05	4
## 1306	Unstratified_CS	Unstratified	CS K_05	1
## 1307	Unstratified_CS	Unstratified	CS K_05	5
## 1308	Unstratified_CS	Unstratified	CS K_05	5
## 1309	Unstratified_CS	Unstratified	CS K_05	5
## 1310	Unstratified_CS	Unstratified	CS K_05	3
## 1311	Unstratified_CS	Unstratified	CS K_05	5
## 1312	Unstratified_CS	Unstratified	CS K_05	5
## 1313	Unstratified_CS	Unstratified	CS K_05	5
## 1314	Unstratified_CS	Unstratified	CS K_05	5
## 1315	Unstratified_CS	Unstratified	CS K_05	5
## 1316	Unstratified_CS	Unstratified	CS K_05	5
## 1317	Unstratified_CS	Unstratified	CS K_05	3
## 1318	Unstratified_CS	Unstratified	CS K_05	5
## 1319	Unstratified_CS	Unstratified	CS K_05	5

## 1320	Unstratified_CS	Unstratified	CS K_05	3
## 1321	Stratified_BS	Stratified	BS K_05	3
## 1322	Stratified_BS	Stratified	BS K_05	5
## 1323	Stratified_BS	Stratified	BS K_05	3
## 1324	Stratified_BS	Stratified	BS K_05	5
## 1325	Stratified_BS	Stratified	BS K_05	2
## 1326	Stratified_BS	Stratified	BS K_05	5
## 1327	Stratified_BS	Stratified	BS K_05	3
## 1328	Stratified_BS	Stratified	BS K_05	5
## 1329	Stratified_BS	Stratified	BS K_05	2
## 1330	Stratified_BS	Stratified	BS K_05	3
## 1331	Stratified_BS	Stratified	BS K_05	5
## 1332	Stratified_BS	Stratified	BS K_05	3
## 1333	Stratified_BS	Stratified	BS K_05	5
## 1334	Stratified_BS	Stratified	BS K_05	3
## 1335	Stratified_BS	Stratified	BS K_05	5
## 1336	Stratified_BS	Stratified	BS K_05	1
## 1337	Stratified_BS	Stratified	BS K_05	3
## 1338	Stratified_BS	Stratified	BS K_05	5
## 1339	Stratified_BS	Stratified	BS K_05	3
## 1340	Stratified_BS	Stratified	BS K_05	4
## 1341	Stratified_BS	Stratified	BS K_05	5
## 1342	Stratified_BS	Stratified	BS K_05	2
## 1343	Stratified_BS	Stratified	BS K_05	3
## 1344	Stratified_BS	Stratified	BS K_05	4
## 1345	Stratified_BS	Stratified	BS K_05	5
## 1346	Stratified_BS	Stratified	BS K_05	2

## 1347	Stratified_BS	Stratified	BS K_05	3
## 1348	Stratified_BS	Stratified	BS K_05	5
## 1349	Stratified_BS	Stratified	BS K_05	1
## 1350	Stratified_BS	Stratified	BS K_05	2
## 1351	Stratified_BS	Stratified	BS K_05	3
## 1352	Stratified_BS	Stratified	BS K_05	4
## 1353	Stratified_BS	Stratified	BS K_05	5
## 1354	Stratified_BS	Stratified	BS K_05	2
## 1355	Stratified_BS	Stratified	BS K_05	3
## 1356	Stratified_BS	Stratified	BS K_05	5
## 1357	Stratified_BS	Stratified	BS K_05	5
## 1358	Stratified_BS	Stratified	BS K_05	2
## 1359	Stratified_BS	Stratified	BS K_05	5
## 1360	Stratified_BS	Stratified	BS K_05	5
## 1361	Stratified_BS	Stratified	BS K_05	4
## 1362	Stratified_BS	Stratified	BS K_05	1
## 1363	Stratified_BS	Stratified	BS K_05	1
## 1364	Stratified_BS	Stratified	BS K_05	4
## 1365	Stratified_BS	Stratified	BS K_05	1
## 1366	Stratified_BS	Stratified	BS K_05	4
## 1367	Stratified_BS	Stratified	BS K_05	4
## 1368	Stratified_BS	Stratified	BS K_05	1
## 1369	Stratified_BS	Stratified	BS K_05	4
## 1370	Stratified_BS	Stratified	BS K_05	4
## 1371	Stratified_BS	Stratified	BS K_05	4
## 1372	Stratified_BS	Stratified	BS K_05	1
## 1373	Stratified_BS	Stratified	BS K_05	4

## 1374	Stratified_BS	Stratified	BS K_05	1
## 1375	Stratified_BS	Stratified	BS K_05	1
## 1376	Stratified_BS	Stratified	BS K_05	4
## 1377	Stratified_BS	Stratified	BS K_05	4
## 1378	Stratified_BS	Stratified	BS K_05	4
## 1379	Stratified_BS	Stratified	BS K_05	1
## 1380	Stratified_BS	Stratified	BS K_05	1
## 1381	Stratified_RS	Stratified	RS K_05	1
## 1382	Stratified_RS	Stratified	RS K_05	1
## 1383	Stratified_RS	Stratified	RS K_05	1
## 1384	Stratified_RS	Stratified	RS K_05	1
## 1385	Stratified_RS	Stratified	RS K_05	1
## 1386	Stratified_RS	Stratified	RS K_05	1
## 1387	Stratified_RS	Stratified	RS K_05	1
## 1388	Stratified_RS	Stratified	RS K_05	1
## 1389	Stratified_RS	Stratified	RS K_05	1
## 1390	Stratified_RS	Stratified	RS K_05	1
## 1391	Stratified_RS	Stratified	RS K_05	1
## 1392	Stratified_RS	Stratified	RS K_05	2
## 1393	Stratified_RS	Stratified	RS K_05	2
## 1394	Stratified_RS	Stratified	RS K_05	2
## 1395	Stratified_RS	Stratified	RS K_05	2
## 1396	Stratified_RS	Stratified	RS K_05	2
## 1397	Stratified_RS	Stratified	RS K_05	2
## 1398	Stratified_RS	Stratified	RS K_05	2
## 1399	Stratified_RS	Stratified	RS K_05	3
## 1400	Stratified_RS	Stratified	RS K_05	3

## 1401	Stratified_RS	Stratified	RS K_05	3
## 1402	Stratified_RS	Stratified	RS K_05	3
## 1403	Stratified_RS	Stratified	RS K_05	3
## 1404	Stratified_RS	Stratified	RS K_05	3
## 1405	Stratified_RS	Stratified	RS K_05	3
## 1406	Stratified_RS	Stratified	RS K_05	3
## 1407	Stratified_RS	Stratified	RS K_05	3
## 1408	Stratified_RS	Stratified	RS K_05	3
## 1409	Stratified_RS	Stratified	RS K_05	3
## 1410	Stratified_RS	Stratified	RS K_05	3
## 1411	Stratified_RS	Stratified	RS K_05	4
## 1412	Stratified_RS	Stratified	RS K_05	4
## 1413	Stratified_RS	Stratified	RS K_05	4
## 1414	Stratified_RS	Stratified	RS K_05	4
## 1415	Stratified_RS	Stratified	RS K_05	4
## 1416	Stratified_RS	Stratified	RS K_05	4
## 1417	Stratified_RS	Stratified	RS K_05	4
## 1418	Stratified_RS	Stratified	RS K_05	4
## 1419	Stratified_RS	Stratified	RS K_05	4
## 1420	Stratified_RS	Stratified	RS K_05	4
## 1421	Stratified_RS	Stratified	RS K_05	4
## 1422	Stratified_RS	Stratified	RS K_05	4
## 1423	Stratified_RS	Stratified	RS K_05	4
## 1424	Stratified_RS	Stratified	RS K_05	4
## 1425	Stratified_RS	Stratified	RS K_05	5
## 1426	Stratified_RS	Stratified	RS K_05	5
## 1427	Stratified_RS	Stratified	RS K_05	5

## 1428	Stratified_RS	Stratified	RS K_05	5
## 1429	Stratified_RS	Stratified	RS K_05	5
## 1430	Stratified_RS	Stratified	RS K_05	5
## 1431	Stratified_RS	Stratified	RS K_05	5
## 1432	Stratified_RS	Stratified	RS K_05	5
## 1433	Stratified_RS	Stratified	RS K_05	5
## 1434	Stratified_RS	Stratified	RS K_05	5
## 1435	Stratified_RS	Stratified	RS K_05	5
## 1436	Stratified_RS	Stratified	RS K_05	5
## 1437	Stratified_RS	Stratified	RS K_05	5
## 1438	Stratified_RS	Stratified	RS K_05	5
## 1439	Stratified_RS	Stratified	RS K_05	5
## 1440	Stratified_RS	Stratified	RS K_05	5
## 1441	Stratified_CS	Stratified	CS K_05	1
## 1442	Stratified_CS	Stratified	CS K_05	1
## 1443	Stratified_CS	Stratified	CS K_05	1
## 1444	Stratified_CS	Stratified	CS K_05	1
## 1445	Stratified_CS	Stratified	CS K_05	1
## 1446	Stratified_CS	Stratified	CS K_05	1
## 1447	Stratified_CS	Stratified	CS K_05	1
## 1448	Stratified_CS	Stratified	CS K_05	1
## 1449	Stratified_CS	Stratified	CS K_05	1
## 1450	Stratified_CS	Stratified	CS K_05	1
## 1451	Stratified_CS	Stratified	CS K_05	1
## 1452	Stratified_CS	Stratified	CS K_05	2
## 1453	Stratified_CS	Stratified	CS K_05	2
## 1454	Stratified_CS	Stratified	CS K_05	2

## 1455	Stratified_CS	Stratified	CS K_05	2
## 1456	Stratified_CS	Stratified	CS K_05	2
## 1457	Stratified_CS	Stratified	CS K_05	2
## 1458	Stratified_CS	Stratified	CS K_05	2
## 1459	Stratified_CS	Stratified	CS K_05	3
## 1460	Stratified_CS	Stratified	CS K_05	3
## 1461	Stratified_CS	Stratified	CS K_05	3
## 1462	Stratified_CS	Stratified	CS K_05	3
## 1463	Stratified_CS	Stratified	CS K_05	3
## 1464	Stratified_CS	Stratified	CS K_05	3
## 1465	Stratified_CS	Stratified	CS K_05	3
## 1466	Stratified_CS	Stratified	CS K_05	3
## 1467	Stratified_CS	Stratified	CS K_05	3
## 1468	Stratified_CS	Stratified	CS K_05	3
## 1469	Stratified_CS	Stratified	CS K_05	3
## 1470	Stratified_CS	Stratified	CS K_05	3
## 1471	Stratified_CS	Stratified	CS K_05	4
## 1472	Stratified_CS	Stratified	CS K_05	4
## 1473	Stratified_CS	Stratified	CS K_05	4
## 1474	Stratified_CS	Stratified	CS K_05	4
## 1475	Stratified_CS	Stratified	CS K_05	4
## 1476	Stratified_CS	Stratified	CS K_05	4
## 1477	Stratified_CS	Stratified	CS K_05	4
## 1478	Stratified_CS	Stratified	CS K_05	4
## 1479	Stratified_CS	Stratified	CS K_05	4
## 1480	Stratified_CS	Stratified	CS K_05	4
## 1481	Stratified_CS	Stratified	CS K_05	4

## 1482	Stratified_CS	Stratified	CS K_05	4
## 1483	Stratified_CS	Stratified	CS K_05	4
## 1484	Stratified_CS	Stratified	CS K_05	4
## 1485	Stratified_CS	Stratified	CS K_05	5
## 1486	Stratified_CS	Stratified	CS K_05	5
## 1487	Stratified_CS	Stratified	CS K_05	5
## 1488	Stratified_CS	Stratified	CS K_05	5
## 1489	Stratified_CS	Stratified	CS K_05	5
## 1490	Stratified_CS	Stratified	CS K_05	5
## 1491	Stratified_CS	Stratified	CS K_05	5
## 1492	Stratified_CS	Stratified	CS K_05	5
## 1493	Stratified_CS	Stratified	CS K_05	5
## 1494	Stratified_CS	Stratified	CS K_05	5
## 1495	Stratified_CS	Stratified	CS K_05	5
## 1496	Stratified_CS	Stratified	CS K_05	5
## 1497	Stratified_CS	Stratified	CS K_05	5
## 1498	Stratified_CS	Stratified	CS K_05	5
## 1499	Stratified_CS	Stratified	CS K_05	5
## 1500	Stratified_CS	Stratified	CS K_05	5
## 1501	Unstratified_RS	Unstratified	RS K_05	3
## 1502	Unstratified_RS	Unstratified	RS K_05	1
## 1503	Unstratified_RS	Unstratified	RS K_05	4
## 1504	Unstratified_RS	Unstratified	RS K_05	5
## 1505	Unstratified_RS	Unstratified	RS K_05	4
## 1506	Unstratified_RS	Unstratified	RS K_05	1
## 1507	Unstratified_RS	Unstratified	RS K_05	3
## 1508	Unstratified_RS	Unstratified	RS K_05	5

## 1509	Unstratified_RS	Unstratified	RS K_05	3
## 1510	Unstratified_RS	Unstratified	RS K_05	2
## 1511	Unstratified_RS	Unstratified	RS K_05	4
## 1512	Unstratified_RS	Unstratified	RS K_05	5
## 1513	Unstratified_RS	Unstratified	RS K_05	3
## 1514	Unstratified_RS	Unstratified	RS K_05	5
## 1515	Unstratified_RS	Unstratified	RS K_05	3
## 1516	Unstratified_RS	Unstratified	RS K_05	5
## 1517	Unstratified_RS	Unstratified	RS K_05	5
## 1518	Unstratified_RS	Unstratified	RS K_05	5
## 1519	Unstratified_RS	Unstratified	RS K_05	5
## 1520	Unstratified_RS	Unstratified	RS K_05	3
## 1521	Unstratified_RS	Unstratified	RS K_05	3
## 1522	Unstratified_RS	Unstratified	RS K_05	5
## 1523	Unstratified_RS	Unstratified	RS K_05	5
## 1524	Unstratified_RS	Unstratified	RS K_05	5
## 1525	Unstratified_RS	Unstratified	RS K_05	1
## 1526	Unstratified_RS	Unstratified	RS K_05	3
## 1527	Unstratified_RS	Unstratified	RS K_05	3
## 1528	Unstratified_RS	Unstratified	RS K_05	3
## 1529	Unstratified_RS	Unstratified	RS K_05	1
## 1530	Unstratified_RS	Unstratified	RS K_05	2
## 1531	Unstratified_RS	Unstratified	RS K_05	3
## 1532	Unstratified_RS	Unstratified	RS K_05	5
## 1533	Unstratified_RS	Unstratified	RS K_05	3
## 1534	Unstratified_RS	Unstratified	RS K_05	5
## 1535	Unstratified_RS	Unstratified	RS K_05	5

## 1536	Unstratified_RS	Unstratified	RS K_05	1
## 1537	Unstratified_RS	Unstratified	RS K_05	5
## 1538	Unstratified_RS	Unstratified	RS K_05	1
## 1539	Unstratified_RS	Unstratified	RS K_05	5
## 1540	Unstratified_RS	Unstratified	RS K_05	2
## 1541	Unstratified_RS	Unstratified	RS K_05	3
## 1542	Unstratified_RS	Unstratified	RS K_05	2
## 1543	Unstratified_RS	Unstratified	RS K_05	5
## 1544	Unstratified_RS	Unstratified	RS K_05	3
## 1545	Unstratified_RS	Unstratified	RS K_05	3
## 1546	Unstratified_RS	Unstratified	RS K_05	3
## 1547	Unstratified_RS	Unstratified	RS K_05	5
## 1548	Unstratified_RS	Unstratified	RS K_05	5
## 1549	Unstratified_RS	Unstratified	RS K_05	3
## 1550	Unstratified_RS	Unstratified	RS K_05	1
## 1551	Unstratified_RS	Unstratified	RS K_05	5
## 1552	Unstratified_RS	Unstratified	RS K_05	1
## 1553	Unstratified_RS	Unstratified	RS K_05	1
## 1554	Unstratified_RS	Unstratified	RS K_05	1
## 1555	Unstratified_RS	Unstratified	RS K_05	4
## 1556	Unstratified_RS	Unstratified	RS K_05	5
## 1557	Unstratified_RS	Unstratified	RS K_05	1
## 1558	Unstratified_RS	Unstratified	RS K_05	5
## 1559	Unstratified_RS	Unstratified	RS K_05	5
## 1560	Unstratified_RS	Unstratified	RS K_05	1
## 1561	Unstratified_CS	Unstratified	CS K_05	5
## 1562	Unstratified_CS	Unstratified	CS K_05	4

## 1563	Unstratified_CS	Unstratified	CS K_05	2
## 1564	Unstratified_CS	Unstratified	CS K_05	3
## 1565	Unstratified_CS	Unstratified	CS K_05	5
## 1566	Unstratified_CS	Unstratified	CS K_05	3
## 1567	Unstratified_CS	Unstratified	CS K_05	5
## 1568	Unstratified_CS	Unstratified	CS K_05	5
## 1569	Unstratified_CS	Unstratified	CS K_05	4
## 1570	Unstratified_CS	Unstratified	CS K_05	5
## 1571	Unstratified_CS	Unstratified	CS K_05	2
## 1572	Unstratified_CS	Unstratified	CS K_05	5
## 1573	Unstratified_CS	Unstratified	CS K_05	5
## 1574	Unstratified_CS	Unstratified	CS K_05	2
## 1575	Unstratified_CS	Unstratified	CS K_05	2
## 1576	Unstratified_CS	Unstratified	CS K_05	5
## 1577	Unstratified_CS	Unstratified	CS K_05	3
## 1578	Unstratified_CS	Unstratified	CS K_05	5
## 1579	Unstratified_CS	Unstratified	CS K_05	3
## 1580	Unstratified_CS	Unstratified	CS K_05	3
## 1581	Unstratified_CS	Unstratified	CS K_05	1
## 1582	Unstratified_CS	Unstratified	CS K_05	3
## 1583	Unstratified_CS	Unstratified	CS K_05	3
## 1584	Unstratified_CS	Unstratified	CS K_05	3
## 1585	Unstratified_CS	Unstratified	CS K_05	5
## 1586	Unstratified_CS	Unstratified	CS K_05	4
## 1587	Unstratified_CS	Unstratified	CS K_05	5
## 1588	Unstratified_CS	Unstratified	CS K_05	3
## 1589	Unstratified_CS	Unstratified	CS K_05	3

## 1590	Unstratified_CS	Unstratified	CS K_05	5
## 1591	Unstratified_CS	Unstratified	CS K_05	3
## 1592	Unstratified_CS	Unstratified	CS K_05	5
## 1593	Unstratified_CS	Unstratified	CS K_05	3
## 1594	Unstratified_CS	Unstratified	CS K_05	5
## 1595	Unstratified_CS	Unstratified	CS K_05	1
## 1596	Unstratified_CS	Unstratified	CS K_05	3
## 1597	Unstratified_CS	Unstratified	CS K_05	5
## 1598	Unstratified_CS	Unstratified	CS K_05	5
## 1599	Unstratified_CS	Unstratified	CS K_05	3
## 1600	Unstratified_CS	Unstratified	CS K_05	2
## 1601	Unstratified_CS	Unstratified	CS K_05	5
## 1602	Unstratified_CS	Unstratified	CS K_05	5
## 1603	Unstratified_CS	Unstratified	CS K_05	5
## 1604	Unstratified_CS	Unstratified	CS K_05	1
## 1605	Unstratified_CS	Unstratified	CS K_05	5
## 1606	Unstratified_CS	Unstratified	CS K_05	5
## 1607	Unstratified_CS	Unstratified	CS K_05	2
## 1608	Unstratified_CS	Unstratified	CS K_05	5
## 1609	Unstratified_CS	Unstratified	CS K_05	2
## 1610	Unstratified_CS	Unstratified	CS K_05	5
## 1611	Unstratified_CS	Unstratified	CS K_05	5
## 1612	Unstratified_CS	Unstratified	CS K_05	5
## 1613	Unstratified_CS	Unstratified	CS K_05	4
## 1614	Unstratified_CS	Unstratified	CS K_05	3
## 1615	Unstratified_CS	Unstratified	CS K_05	5
## 1616	Unstratified_CS	Unstratified	CS K_05	5

## 1617	Unstratified_CS	Unstratified	CS K_05	5
## 1618	Unstratified_CS	Unstratified	CS K_05	5
## 1619	Unstratified_CS	Unstratified	CS K_05	5
## 1620	Unstratified_CS	Unstratified	CS K_05	5
## 1621	Stratified_BS	Stratified	BS K_05	2
## 1622	Stratified_BS	Stratified	BS K_05	3
## 1623	Stratified_BS	Stratified	BS K_05	5
## 1624	Stratified_BS	Stratified	BS K_05	1
## 1625	Stratified_BS	Stratified	BS K_05	3
## 1626	Stratified_BS	Stratified	BS K_05	5
## 1627	Stratified_BS	Stratified	BS K_05	2
## 1628	Stratified_BS	Stratified	BS K_05	3
## 1629	Stratified_BS	Stratified	BS K_05	4
## 1630	Stratified_BS	Stratified	BS K_05	5
## 1631	Stratified_BS	Stratified	BS K_05	3
## 1632	Stratified_BS	Stratified	BS K_05	5
## 1633	Stratified_BS	Stratified	BS K_05	3
## 1634	Stratified_BS	Stratified	BS K_05	5
## 1635	Stratified_BS	Stratified	BS K_05	2
## 1636	Stratified_BS	Stratified	BS K_05	3
## 1637	Stratified_BS	Stratified	BS K_05	5
## 1638	Stratified_BS	Stratified	BS K_05	2
## 1639	Stratified_BS	Stratified	BS K_05	5
## 1640	Stratified_BS	Stratified	BS K_05	2
## 1641	Stratified_BS	Stratified	BS K_05	5
## 1642	Stratified_BS	Stratified	BS K_05	2
## 1643	Stratified_BS	Stratified	BS K_05	3

## 1644	Stratified_BS	Stratified	BS K_05	4
## 1645	Stratified_BS	Stratified	BS K_05	5
## 1646	Stratified_BS	Stratified	BS K_05	1
## 1647	Stratified_BS	Stratified	BS K_05	3
## 1648	Stratified_BS	Stratified	BS K_05	5
## 1649	Stratified_BS	Stratified	BS K_05	2
## 1650	Stratified_BS	Stratified	BS K_05	3
## 1651	Stratified_BS	Stratified	BS K_05	5
## 1652	Stratified_BS	Stratified	BS K_05	3
## 1653	Stratified_BS	Stratified	BS K_05	4
## 1654	Stratified_BS	Stratified	BS K_05	5
## 1655	Stratified_BS	Stratified	BS K_05	3
## 1656	Stratified_BS	Stratified	BS K_05	5
## 1657	Stratified_BS	Stratified	BS K_05	1
## 1658	Stratified_BS	Stratified	BS K_05	3
## 1659	Stratified_BS	Stratified	BS K_05	4
## 1660	Stratified_BS	Stratified	BS K_05	5
## 1661	Stratified_BS	Stratified	BS K_05	5
## 1662	Stratified_BS	Stratified	BS K_05	1
## 1663	Stratified_BS	Stratified	BS K_05	4
## 1664	Stratified_BS	Stratified	BS K_05	5
## 1665	Stratified_BS	Stratified	BS K_05	4
## 1666	Stratified_BS	Stratified	BS K_05	4
## 1667	Stratified_BS	Stratified	BS K_05	1
## 1668	Stratified_BS	Stratified	BS K_05	1
## 1669	Stratified_BS	Stratified	BS K_05	4
## 1670	Stratified_BS	Stratified	BS K_05	4

## 1671	Stratified_BS	Stratified	BS K_05	1
## 1672	Stratified_BS	Stratified	BS K_05	1
## 1673	Stratified_BS	Stratified	BS K_05	1
## 1674	Stratified_BS	Stratified	BS K_05	4
## 1675	Stratified_BS	Stratified	BS K_05	4
## 1676	Stratified_BS	Stratified	BS K_05	1
## 1677	Stratified_BS	Stratified	BS K_05	4
## 1678	Stratified_BS	Stratified	BS K_05	4
## 1679	Stratified_BS	Stratified	BS K_05	4
## 1680	Stratified_BS	Stratified	BS K_05	1
## 1681	Stratified_RS	Stratified	RS K_05	1
## 1682	Stratified_RS	Stratified	RS K_05	1
## 1683	Stratified_RS	Stratified	RS K_05	1
## 1684	Stratified_RS	Stratified	RS K_05	1
## 1685	Stratified_RS	Stratified	RS K_05	1
## 1686	Stratified_RS	Stratified	RS K_05	1
## 1687	Stratified_RS	Stratified	RS K_05	1
## 1688	Stratified_RS	Stratified	RS K_05	1
## 1689	Stratified_RS	Stratified	RS K_05	1
## 1690	Stratified_RS	Stratified	RS K_05	1
## 1691	Stratified_RS	Stratified	RS K_05	1
## 1692	Stratified_RS	Stratified	RS K_05	2
## 1693	Stratified_RS	Stratified	RS K_05	2
## 1694	Stratified_RS	Stratified	RS K_05	2
## 1695	Stratified_RS	Stratified	RS K_05	2
## 1696	Stratified_RS	Stratified	RS K_05	2
## 1697	Stratified_RS	Stratified	RS K_05	2

## 1698	Stratified_RS	Stratified	RS K_05	2
## 1699	Stratified_RS	Stratified	RS K_05	3
## 1700	Stratified_RS	Stratified	RS K_05	3
## 1701	Stratified_RS	Stratified	RS K_05	3
## 1702	Stratified_RS	Stratified	RS K_05	3
## 1703	Stratified_RS	Stratified	RS K_05	3
## 1704	Stratified_RS	Stratified	RS K_05	3
## 1705	Stratified_RS	Stratified	RS K_05	3
## 1706	Stratified_RS	Stratified	RS K_05	3
## 1707	Stratified_RS	Stratified	RS K_05	3
## 1708	Stratified_RS	Stratified	RS K_05	3
## 1709	Stratified_RS	Stratified	RS K_05	3
## 1710	Stratified_RS	Stratified	RS K_05	3
## 1711	Stratified_RS	Stratified	RS K_05	4
## 1712	Stratified_RS	Stratified	RS K_05	4
## 1713	Stratified_RS	Stratified	RS K_05	4
## 1714	Stratified_RS	Stratified	RS K_05	4
## 1715	Stratified_RS	Stratified	RS K_05	4
## 1716	Stratified_RS	Stratified	RS K_05	4
## 1717	Stratified_RS	Stratified	RS K_05	4
## 1718	Stratified_RS	Stratified	RS K_05	4
## 1719	Stratified_RS	Stratified	RS K_05	4
## 1720	Stratified_RS	Stratified	RS K_05	4
## 1721	Stratified_RS	Stratified	RS K_05	4
## 1722	Stratified_RS	Stratified	RS K_05	4
## 1723	Stratified_RS	Stratified	RS K_05	4
## 1724	Stratified_RS	Stratified	RS K_05	4

## 1725	Stratified_RS	Stratified	RS K_05	5
## 1726	Stratified_RS	Stratified	RS K_05	5
## 1727	Stratified_RS	Stratified	RS K_05	5
## 1728	Stratified_RS	Stratified	RS K_05	5
## 1729	Stratified_RS	Stratified	RS K_05	5
## 1730	Stratified_RS	Stratified	RS K_05	5
## 1731	Stratified_RS	Stratified	RS K_05	5
## 1732	Stratified_RS	Stratified	RS K_05	5
## 1733	Stratified_RS	Stratified	RS K_05	5
## 1734	Stratified_RS	Stratified	RS K_05	5
## 1735	Stratified_RS	Stratified	RS K_05	5
## 1736	Stratified_RS	Stratified	RS K_05	5
## 1737	Stratified_RS	Stratified	RS K_05	5
## 1738	Stratified_RS	Stratified	RS K_05	5
## 1739	Stratified_RS	Stratified	RS K_05	5
## 1740	Stratified_RS	Stratified	RS K_05	5
## 1741	Stratified_CS	Stratified	CS K_05	1
## 1742	Stratified_CS	Stratified	CS K_05	1
## 1743	Stratified_CS	Stratified	CS K_05	1
## 1744	Stratified_CS	Stratified	CS K_05	1
## 1745	Stratified_CS	Stratified	CS K_05	1
## 1746	Stratified_CS	Stratified	CS K_05	1
## 1747	Stratified_CS	Stratified	CS K_05	1
## 1748	Stratified_CS	Stratified	CS K_05	1
## 1749	Stratified_CS	Stratified	CS K_05	1
## 1750	Stratified_CS	Stratified	CS K_05	1
## 1751	Stratified_CS	Stratified	CS K_05	1

## 1752	Stratified_CS	Stratified	CS K_05	2
## 1753	Stratified_CS	Stratified	CS K_05	2
## 1754	Stratified_CS	Stratified	CS K_05	2
## 1755	Stratified_CS	Stratified	CS K_05	2
## 1756	Stratified_CS	Stratified	CS K_05	2
## 1757	Stratified_CS	Stratified	CS K_05	2
## 1758	Stratified_CS	Stratified	CS K_05	2
## 1759	Stratified_CS	Stratified	CS K_05	3
## 1760	Stratified_CS	Stratified	CS K_05	3
## 1761	Stratified_CS	Stratified	CS K_05	3
## 1762	Stratified_CS	Stratified	CS K_05	3
## 1763	Stratified_CS	Stratified	CS K_05	3
## 1764	Stratified_CS	Stratified	CS K_05	3
## 1765	Stratified_CS	Stratified	CS K_05	3
## 1766	Stratified_CS	Stratified	CS K_05	3
## 1767	Stratified_CS	Stratified	CS K_05	3
## 1768	Stratified_CS	Stratified	CS K_05	3
## 1769	Stratified_CS	Stratified	CS K_05	3
## 1770	Stratified_CS	Stratified	CS K_05	3
## 1771	Stratified_CS	Stratified	CS K_05	4
## 1772	Stratified_CS	Stratified	CS K_05	4
## 1773	Stratified_CS	Stratified	CS K_05	4
## 1774	Stratified_CS	Stratified	CS K_05	4
## 1775	Stratified_CS	Stratified	CS K_05	4
## 1776	Stratified_CS	Stratified	CS K_05	4
## 1777	Stratified_CS	Stratified	CS K_05	4
## 1778	Stratified_CS	Stratified	CS K_05	4

## 1779	Stratified_CS	Stratified	CS K_05	4
## 1780	Stratified_CS	Stratified	CS K_05	4
## 1781	Stratified_CS	Stratified	CS K_05	4
## 1782	Stratified_CS	Stratified	CS K_05	4
## 1783	Stratified_CS	Stratified	CS K_05	4
## 1784	Stratified_CS	Stratified	CS K_05	4
## 1785	Stratified_CS	Stratified	CS K_05	5
## 1786	Stratified_CS	Stratified	CS K_05	5
## 1787	Stratified_CS	Stratified	CS K_05	5
## 1788	Stratified_CS	Stratified	CS K_05	5
## 1789	Stratified_CS	Stratified	CS K_05	5
## 1790	Stratified_CS	Stratified	CS K_05	5
## 1791	Stratified_CS	Stratified	CS K_05	5
## 1792	Stratified_CS	Stratified	CS K_05	5
## 1793	Stratified_CS	Stratified	CS K_05	5
## 1794	Stratified_CS	Stratified	CS K_05	5
## 1795	Stratified_CS	Stratified	CS K_05	5
## 1796	Stratified_CS	Stratified	CS K_05	5
## 1797	Stratified_CS	Stratified	CS K_05	5
## 1798	Stratified_CS	Stratified	CS K_05	5
## 1799	Stratified_CS	Stratified	CS K_05	5
## 1800	Stratified_CS	Stratified	CS K_05	5
## 1801	Unstratified_RS	Unstratified	RS K_05	1
## 1802	Unstratified_RS	Unstratified	RS K_05	5
## 1803	Unstratified_RS	Unstratified	RS K_05	3
## 1804	Unstratified_RS	Unstratified	RS K_05	1
## 1805	Unstratified_RS	Unstratified	RS K_05	3

## 1806	Unstratified_RS	Unstratified	RS K_05	2
## 1807	Unstratified_RS	Unstratified	RS K_05	3
## 1808	Unstratified_RS	Unstratified	RS K_05	3
## 1809	Unstratified_RS	Unstratified	RS K_05	1
## 1810	Unstratified_RS	Unstratified	RS K_05	4
## 1811	Unstratified_RS	Unstratified	RS K_05	1
## 1812	Unstratified_RS	Unstratified	RS K_05	5
## 1813	Unstratified_RS	Unstratified	RS K_05	5
## 1814	Unstratified_RS	Unstratified	RS K_05	5
## 1815	Unstratified_RS	Unstratified	RS K_05	4
## 1816	Unstratified_RS	Unstratified	RS K_05	1
## 1817	Unstratified_RS	Unstratified	RS K_05	3
## 1818	Unstratified_RS	Unstratified	RS K_05	3
## 1819	Unstratified_RS	Unstratified	RS K_05	4
## 1820	Unstratified_RS	Unstratified	RS K_05	4
## 1821	Unstratified_RS	Unstratified	RS K_05	3
## 1822	Unstratified_RS	Unstratified	RS K_05	5
## 1823	Unstratified_RS	Unstratified	RS K_05	4
## 1824	Unstratified_RS	Unstratified	RS K_05	5
## 1825	Unstratified_RS	Unstratified	RS K_05	3
## 1826	Unstratified_RS	Unstratified	RS K_05	5
## 1827	Unstratified_RS	Unstratified	RS K_05	4
## 1828	Unstratified_RS	Unstratified	RS K_05	2
## 1829	Unstratified_RS	Unstratified	RS K_05	5
## 1830	Unstratified_RS	Unstratified	RS K_05	5
## 1831	Unstratified_RS	Unstratified	RS K_05	3
## 1832	Unstratified_RS	Unstratified	RS K_05	2

## 1833	Unstratified_RS	Unstratified	RS K_05	4
## 1834	Unstratified_RS	Unstratified	RS K_05	3
## 1835	Unstratified_RS	Unstratified	RS K_05	1
## 1836	Unstratified_RS	Unstratified	RS K_05	5
## 1837	Unstratified_RS	Unstratified	RS K_05	4
## 1838	Unstratified_RS	Unstratified	RS K_05	3
## 1839	Unstratified_RS	Unstratified	RS K_05	3
## 1840	Unstratified_RS	Unstratified	RS K_05	3
## 1841	Unstratified_RS	Unstratified	RS K_05	4
## 1842	Unstratified_RS	Unstratified	RS K_05	4
## 1843	Unstratified_RS	Unstratified	RS K_05	3
## 1844	Unstratified_RS	Unstratified	RS K_05	5
## 1845	Unstratified_RS	Unstratified	RS K_05	2
## 1846	Unstratified_RS	Unstratified	RS K_05	5
## 1847	Unstratified_RS	Unstratified	RS K_05	3
## 1848	Unstratified_RS	Unstratified	RS K_05	5
## 1849	Unstratified_RS	Unstratified	RS K_05	2
## 1850	Unstratified_RS	Unstratified	RS K_05	3
## 1851	Unstratified_RS	Unstratified	RS K_05	5
## 1852	Unstratified_RS	Unstratified	RS K_05	4
## 1853	Unstratified_RS	Unstratified	RS K_05	3
## 1854	Unstratified_RS	Unstratified	RS K_05	2
## 1855	Unstratified_RS	Unstratified	RS K_05	5
## 1856	Unstratified_RS	Unstratified	RS K_05	5
## 1857	Unstratified_RS	Unstratified	RS K_05	1
## 1858	Unstratified_RS	Unstratified	RS K_05	3
## 1859	Unstratified_RS	Unstratified	RS K_05	5

## 1860	Unstratified_RS	Unstratified	RS K_05	3
## 1861	Unstratified_CS	Unstratified	CS K_05	5
## 1862	Unstratified_CS	Unstratified	CS K_05	1
## 1863	Unstratified_CS	Unstratified	CS K_05	5
## 1864	Unstratified_CS	Unstratified	CS K_05	1
## 1865	Unstratified_CS	Unstratified	CS K_05	3
## 1866	Unstratified_CS	Unstratified	CS K_05	5
## 1867	Unstratified_CS	Unstratified	CS K_05	2
## 1868	Unstratified_CS	Unstratified	CS K_05	5
## 1869	Unstratified_CS	Unstratified	CS K_05	5
## 1870	Unstratified_CS	Unstratified	CS K_05	5
## 1871	Unstratified_CS	Unstratified	CS K_05	5
## 1872	Unstratified_CS	Unstratified	CS K_05	5
## 1873	Unstratified_CS	Unstratified	CS K_05	4
## 1874	Unstratified_CS	Unstratified	CS K_05	5
## 1875	Unstratified_CS	Unstratified	CS K_05	4
## 1876	Unstratified_CS	Unstratified	CS K_05	4
## 1877	Unstratified_CS	Unstratified	CS K_05	1
## 1878	Unstratified_CS	Unstratified	CS K_05	3
## 1879	Unstratified_CS	Unstratified	CS K_05	5
## 1880	Unstratified_CS	Unstratified	CS K_05	3
## 1881	Unstratified_CS	Unstratified	CS K_05	5
## 1882	Unstratified_CS	Unstratified	CS K_05	2
## 1883	Unstratified_CS	Unstratified	CS K_05	5
## 1884	Unstratified_CS	Unstratified	CS K_05	3
## 1885	Unstratified_CS	Unstratified	CS K_05	5
## 1886	Unstratified_CS	Unstratified	CS K_05	5

## 1887	Unstratified_CS	Unstratified	CS K_05	5
## 1888	Unstratified_CS	Unstratified	CS K_05	3
## 1889	Unstratified_CS	Unstratified	CS K_05	3
## 1890	Unstratified_CS	Unstratified	CS K_05	1
## 1891	Unstratified_CS	Unstratified	CS K_05	5
## 1892	Unstratified_CS	Unstratified	CS K_05	1
## 1893	Unstratified_CS	Unstratified	CS K_05	3
## 1894	Unstratified_CS	Unstratified	CS K_05	1
## 1895	Unstratified_CS	Unstratified	CS K_05	2
## 1896	Unstratified_CS	Unstratified	CS K_05	3
## 1897	Unstratified_CS	Unstratified	CS K_05	3
## 1898	Unstratified_CS	Unstratified	CS K_05	5
## 1899	Unstratified_CS	Unstratified	CS K_05	5
## 1900	Unstratified_CS	Unstratified	CS K_05	3
## 1901	Unstratified_CS	Unstratified	CS K_05	5
## 1902	Unstratified_CS	Unstratified	CS K_05	1
## 1903	Unstratified_CS	Unstratified	CS K_05	1
## 1904	Unstratified_CS	Unstratified	CS K_05	5
## 1905	Unstratified_CS	Unstratified	CS K_05	2
## 1906	Unstratified_CS	Unstratified	CS K_05	5
## 1907	Unstratified_CS	Unstratified	CS K_05	4
## 1908	Unstratified_CS	Unstratified	CS K_05	5
## 1909	Unstratified_CS	Unstratified	CS K_05	5
## 1910	Unstratified_CS	Unstratified	CS K_05	2
## 1911	Unstratified_CS	Unstratified	CS K_05	3
## 1912	Unstratified_CS	Unstratified	CS K_05	3
## 1913	Unstratified_CS	Unstratified	CS K_05	2

## 1914	Unstratified_CS	Unstratified	CS K_05	3
## 1915	Unstratified_CS	Unstratified	CS K_05	5
## 1916	Unstratified_CS	Unstratified	CS K_05	1
## 1917	Unstratified_CS	Unstratified	CS K_05	1
## 1918	Unstratified_CS	Unstratified	CS K_05	5
## 1919	Unstratified_CS	Unstratified	CS K_05	5
## 1920	Unstratified_CS	Unstratified	CS K_05	1
## 1921	Stratified_BS	Stratified	BS K_05	3
## 1922	Stratified_BS	Stratified	BS K_05	5
## 1923	Stratified_BS	Stratified	BS K_05	2
## 1924	Stratified_BS	Stratified	BS K_05	3
## 1925	Stratified_BS	Stratified	BS K_05	4
## 1926	Stratified_BS	Stratified	BS K_05	5
## 1927	Stratified_BS	Stratified	BS K_05	1
## 1928	Stratified_BS	Stratified	BS K_05	2
## 1929	Stratified_BS	Stratified	BS K_05	3
## 1930	Stratified_BS	Stratified	BS K_05	4
## 1931	Stratified_BS	Stratified	BS K_05	5
## 1932	Stratified_BS	Stratified	BS K_05	3
## 1933	Stratified_BS	Stratified	BS K_05	5
## 1934	Stratified_BS	Stratified	BS K_05	3
## 1935	Stratified_BS	Stratified	BS K_05	4
## 1936	Stratified_BS	Stratified	BS K_05	5
## 1937	Stratified_BS	Stratified	BS K_05	2
## 1938	Stratified_BS	Stratified	BS K_05	3
## 1939	Stratified_BS	Stratified	BS K_05	4
## 1940	Stratified_BS	Stratified	BS K_05	5

## 1941	Stratified_BS	Stratified	BS K_05	1
## 1942	Stratified_BS	Stratified	BS K_05	2
## 1943	Stratified_BS	Stratified	BS K_05	3
## 1944	Stratified_BS	Stratified	BS K_05	5
## 1945	Stratified_BS	Stratified	BS K_05	3
## 1946	Stratified_BS	Stratified	BS K_05	5
## 1947	Stratified_BS	Stratified	BS K_05	1
## 1948	Stratified_BS	Stratified	BS K_05	2
## 1949	Stratified_BS	Stratified	BS K_05	3
## 1950	Stratified_BS	Stratified	BS K_05	5
## 1951	Stratified_BS	Stratified	BS K_05	2
## 1952	Stratified_BS	Stratified	BS K_05	3
## 1953	Stratified_BS	Stratified	BS K_05	4
## 1954	Stratified_BS	Stratified	BS K_05	5
## 1955	Stratified_BS	Stratified	BS K_05	2
## 1956	Stratified_BS	Stratified	BS K_05	3
## 1957	Stratified_BS	Stratified	BS K_05	4
## 1958	Stratified_BS	Stratified	BS K_05	5
## 1959	Stratified_BS	Stratified	BS K_05	1
## 1960	Stratified_BS	Stratified	BS K_05	5
## 1961	Stratified_BS	Stratified	BS K_05	3
## 1962	Stratified_BS	Stratified	BS K_05	5
## 1963	Stratified_BS	Stratified	BS K_05	1
## 1964	Stratified_BS	Stratified	BS K_05	5
## 1965	Stratified_BS	Stratified	BS K_05	5
## 1966	Stratified_BS	Stratified	BS K_05	5
## 1967	Stratified_BS	Stratified	BS K_05	1

## 1968	Stratified_BS	Stratified	BS K_05	4
## 1969	Stratified_BS	Stratified	BS K_05	1
## 1970	Stratified_BS	Stratified	BS K_05	1
## 1971	Stratified_BS	Stratified	BS K_05	4
## 1972	Stratified_BS	Stratified	BS K_05	4
## 1973	Stratified_BS	Stratified	BS K_05	1
## 1974	Stratified_BS	Stratified	BS K_05	4
## 1975	Stratified_BS	Stratified	BS K_05	4
## 1976	Stratified_BS	Stratified	BS K_05	4
## 1977	Stratified_BS	Stratified	BS K_05	1
## 1978	Stratified_BS	Stratified	BS K_05	4
## 1979	Stratified_BS	Stratified	BS K_05	1
## 1980	Stratified_BS	Stratified	BS K_05	4
## 1981	Stratified_RS	Stratified	RS K_05	1
## 1982	Stratified_RS	Stratified	RS K_05	1
## 1983	Stratified_RS	Stratified	RS K_05	1
## 1984	Stratified_RS	Stratified	RS K_05	1
## 1985	Stratified_RS	Stratified	RS K_05	1
## 1986	Stratified_RS	Stratified	RS K_05	1
## 1987	Stratified_RS	Stratified	RS K_05	1
## 1988	Stratified_RS	Stratified	RS K_05	1
## 1989	Stratified_RS	Stratified	RS K_05	1
## 1990	Stratified_RS	Stratified	RS K_05	1
## 1991	Stratified_RS	Stratified	RS K_05	1
## 1992	Stratified_RS	Stratified	RS K_05	2
## 1993	Stratified_RS	Stratified	RS K_05	2
## 1994	Stratified_RS	Stratified	RS K_05	2

## 1995	Stratified_RS	Stratified	RS K_05	2
## 1996	Stratified_RS	Stratified	RS K_05	2
## 1997	Stratified_RS	Stratified	RS K_05	2
## 1998	Stratified_RS	Stratified	RS K_05	2
## 1999	Stratified_RS	Stratified	RS K_05	3
## 2000	Stratified_RS	Stratified	RS K_05	3
## 2001	Stratified_RS	Stratified	RS K_05	3
## 2002	Stratified_RS	Stratified	RS K_05	3
## 2003	Stratified_RS	Stratified	RS K_05	3
## 2004	Stratified_RS	Stratified	RS K_05	3
## 2005	Stratified_RS	Stratified	RS K_05	3
## 2006	Stratified_RS	Stratified	RS K_05	3
## 2007	Stratified_RS	Stratified	RS K_05	3
## 2008	Stratified_RS	Stratified	RS K_05	3
## 2009	Stratified_RS	Stratified	RS K_05	3
## 2010	Stratified_RS	Stratified	RS K_05	3
## 2011	Stratified_RS	Stratified	RS K_05	4
## 2012	Stratified_RS	Stratified	RS K_05	4
## 2013	Stratified_RS	Stratified	RS K_05	4
## 2014	Stratified_RS	Stratified	RS K_05	4
## 2015	Stratified_RS	Stratified	RS K_05	4
## 2016	Stratified_RS	Stratified	RS K_05	4
## 2017	Stratified_RS	Stratified	RS K_05	4
## 2018	Stratified_RS	Stratified	RS K_05	4
## 2019	Stratified_RS	Stratified	RS K_05	4
## 2020	Stratified_RS	Stratified	RS K_05	4
## 2021	Stratified_RS	Stratified	RS K_05	4

## 2022	Stratified_RS	Stratified	RS K_05	4
## 2023	Stratified_RS	Stratified	RS K_05	4
## 2024	Stratified_RS	Stratified	RS K_05	4
## 2025	Stratified_RS	Stratified	RS K_05	5
## 2026	Stratified_RS	Stratified	RS K_05	5
## 2027	Stratified_RS	Stratified	RS K_05	5
## 2028	Stratified_RS	Stratified	RS K_05	5
## 2029	Stratified_RS	Stratified	RS K_05	5
## 2030	Stratified_RS	Stratified	RS K_05	5
## 2031	Stratified_RS	Stratified	RS K_05	5
## 2032	Stratified_RS	Stratified	RS K_05	5
## 2033	Stratified_RS	Stratified	RS K_05	5
## 2034	Stratified_RS	Stratified	RS K_05	5
## 2035	Stratified_RS	Stratified	RS K_05	5
## 2036	Stratified_RS	Stratified	RS K_05	5
## 2037	Stratified_RS	Stratified	RS K_05	5
## 2038	Stratified_RS	Stratified	RS K_05	5
## 2039	Stratified_RS	Stratified	RS K_05	5
## 2040	Stratified_RS	Stratified	RS K_05	5
## 2041	Stratified_CS	Stratified	CS K_05	1
## 2042	Stratified_CS	Stratified	CS K_05	1
## 2043	Stratified_CS	Stratified	CS K_05	1
## 2044	Stratified_CS	Stratified	CS K_05	1
## 2045	Stratified_CS	Stratified	CS K_05	1
## 2046	Stratified_CS	Stratified	CS K_05	1
## 2047	Stratified_CS	Stratified	CS K_05	1
## 2048	Stratified_CS	Stratified	CS K_05	1

## 2049	Stratified_CS	Stratified	CS K_05	1
## 2050	Stratified_CS	Stratified	CS K_05	1
## 2051	Stratified_CS	Stratified	CS K_05	1
## 2052	Stratified_CS	Stratified	CS K_05	2
## 2053	Stratified_CS	Stratified	CS K_05	2
## 2054	Stratified_CS	Stratified	CS K_05	2
## 2055	Stratified_CS	Stratified	CS K_05	2
## 2056	Stratified_CS	Stratified	CS K_05	2
## 2057	Stratified_CS	Stratified	CS K_05	2
## 2058	Stratified_CS	Stratified	CS K_05	2
## 2059	Stratified_CS	Stratified	CS K_05	3
## 2060	Stratified_CS	Stratified	CS K_05	3
## 2061	Stratified_CS	Stratified	CS K_05	3
## 2062	Stratified_CS	Stratified	CS K_05	3
## 2063	Stratified_CS	Stratified	CS K_05	3
## 2064	Stratified_CS	Stratified	CS K_05	3
## 2065	Stratified_CS	Stratified	CS K_05	3
## 2066	Stratified_CS	Stratified	CS K_05	3
## 2067	Stratified_CS	Stratified	CS K_05	3
## 2068	Stratified_CS	Stratified	CS K_05	3
## 2069	Stratified_CS	Stratified	CS K_05	3
## 2070	Stratified_CS	Stratified	CS K_05	3
## 2071	Stratified_CS	Stratified	CS K_05	4
## 2072	Stratified_CS	Stratified	CS K_05	4
## 2073	Stratified_CS	Stratified	CS K_05	4
## 2074	Stratified_CS	Stratified	CS K_05	4
## 2075	Stratified_CS	Stratified	CS K_05	4

## 2076	Stratified_CS	Stratified	CS K_05	4
## 2077	Stratified_CS	Stratified	CS K_05	4
## 2078	Stratified_CS	Stratified	CS K_05	4
## 2079	Stratified_CS	Stratified	CS K_05	4
## 2080	Stratified_CS	Stratified	CS K_05	4
## 2081	Stratified_CS	Stratified	CS K_05	4
## 2082	Stratified_CS	Stratified	CS K_05	4
## 2083	Stratified_CS	Stratified	CS K_05	4
## 2084	Stratified_CS	Stratified	CS K_05	4
## 2085	Stratified_CS	Stratified	CS K_05	5
## 2086	Stratified_CS	Stratified	CS K_05	5
## 2087	Stratified_CS	Stratified	CS K_05	5
## 2088	Stratified_CS	Stratified	CS K_05	5
## 2089	Stratified_CS	Stratified	CS K_05	5
## 2090	Stratified_CS	Stratified	CS K_05	5
## 2091	Stratified_CS	Stratified	CS K_05	5
## 2092	Stratified_CS	Stratified	CS K_05	5
## 2093	Stratified_CS	Stratified	CS K_05	5
## 2094	Stratified_CS	Stratified	CS K_05	5
## 2095	Stratified_CS	Stratified	CS K_05	5
## 2096	Stratified_CS	Stratified	CS K_05	5
## 2097	Stratified_CS	Stratified	CS K_05	5
## 2098	Stratified_CS	Stratified	CS K_05	5
## 2099	Stratified_CS	Stratified	CS K_05	5
## 2100	Stratified_CS	Stratified	CS K_05	5
## 2101	Unstratified_RS	Unstratified	RS K_05	1
## 2102	Unstratified_RS	Unstratified	RS K_05	2

## 2103	Unstratified_RS	Unstratified	RS K_05	5
## 2104	Unstratified_RS	Unstratified	RS K_05	5
## 2105	Unstratified_RS	Unstratified	RS K_05	5
## 2106	Unstratified_RS	Unstratified	RS K_05	2
## 2107	Unstratified_RS	Unstratified	RS K_05	2
## 2108	Unstratified_RS	Unstratified	RS K_05	5
## 2109	Unstratified_RS	Unstratified	RS K_05	4
## 2110	Unstratified_RS	Unstratified	RS K_05	5
## 2111	Unstratified_RS	Unstratified	RS K_05	3
## 2112	Unstratified_RS	Unstratified	RS K_05	5
## 2113	Unstratified_RS	Unstratified	RS K_05	2
## 2114	Unstratified_RS	Unstratified	RS K_05	3
## 2115	Unstratified_RS	Unstratified	RS K_05	5
## 2116	Unstratified_RS	Unstratified	RS K_05	3
## 2117	Unstratified_RS	Unstratified	RS K_05	1
## 2118	Unstratified_RS	Unstratified	RS K_05	3
## 2119	Unstratified_RS	Unstratified	RS K_05	5
## 2120	Unstratified_RS	Unstratified	RS K_05	3
## 2121	Unstratified_RS	Unstratified	RS K_05	1
## 2122	Unstratified_RS	Unstratified	RS K_05	1
## 2123	Unstratified_RS	Unstratified	RS K_05	5
## 2124	Unstratified_RS	Unstratified	RS K_05	2
## 2125	Unstratified_RS	Unstratified	RS K_05	5
## 2126	Unstratified_RS	Unstratified	RS K_05	5
## 2127	Unstratified_RS	Unstratified	RS K_05	3
## 2128	Unstratified_RS	Unstratified	RS K_05	3
## 2129	Unstratified_RS	Unstratified	RS K_05	5

## 2130	Unstratified_RS	Unstratified	RS K_05	1
## 2131	Unstratified_RS	Unstratified	RS K_05	5
## 2132	Unstratified_RS	Unstratified	RS K_05	3
## 2133	Unstratified_RS	Unstratified	RS K_05	1
## 2134	Unstratified_RS	Unstratified	RS K_05	5
## 2135	Unstratified_RS	Unstratified	RS K_05	3
## 2136	Unstratified_RS	Unstratified	RS K_05	3
## 2137	Unstratified_RS	Unstratified	RS K_05	3
## 2138	Unstratified_RS	Unstratified	RS K_05	5
## 2139	Unstratified_RS	Unstratified	RS K_05	2
## 2140	Unstratified_RS	Unstratified	RS K_05	4
## 2141	Unstratified_RS	Unstratified	RS K_05	1
## 2142	Unstratified_RS	Unstratified	RS K_05	4
## 2143	Unstratified_RS	Unstratified	RS K_05	4
## 2144	Unstratified_RS	Unstratified	RS K_05	5
## 2145	Unstratified_RS	Unstratified	RS K_05	3
## 2146	Unstratified_RS	Unstratified	RS K_05	3
## 2147	Unstratified_RS	Unstratified	RS K_05	5
## 2148	Unstratified_RS	Unstratified	RS K_05	5
## 2149	Unstratified_RS	Unstratified	RS K_05	5
## 2150	Unstratified_RS	Unstratified	RS K_05	2
## 2151	Unstratified_RS	Unstratified	RS K_05	1
## 2152	Unstratified_RS	Unstratified	RS K_05	3
## 2153	Unstratified_RS	Unstratified	RS K_05	2
## 2154	Unstratified_RS	Unstratified	RS K_05	5
## 2155	Unstratified_RS	Unstratified	RS K_05	5
## 2156	Unstratified_RS	Unstratified	RS K_05	2

## 2157	Unstratified_RS	Unstratified	RS K_05	1
## 2158	Unstratified_RS	Unstratified	RS K_05	2
## 2159	Unstratified_RS	Unstratified	RS K_05	4
## 2160	Unstratified_RS	Unstratified	RS K_05	3
## 2161	Unstratified_CS	Unstratified	CS K_05	3
## 2162	Unstratified_CS	Unstratified	CS K_05	1
## 2163	Unstratified_CS	Unstratified	CS K_05	2
## 2164	Unstratified_CS	Unstratified	CS K_05	3
## 2165	Unstratified_CS	Unstratified	CS K_05	5
## 2166	Unstratified_CS	Unstratified	CS K_05	5
## 2167	Unstratified_CS	Unstratified	CS K_05	5
## 2168	Unstratified_CS	Unstratified	CS K_05	3
## 2169	Unstratified_CS	Unstratified	CS K_05	2
## 2170	Unstratified_CS	Unstratified	CS K_05	4
## 2171	Unstratified_CS	Unstratified	CS K_05	1
## 2172	Unstratified_CS	Unstratified	CS K_05	2
## 2173	Unstratified_CS	Unstratified	CS K_05	5
## 2174	Unstratified_CS	Unstratified	CS K_05	5
## 2175	Unstratified_CS	Unstratified	CS K_05	5
## 2176	Unstratified_CS	Unstratified	CS K_05	3
## 2177	Unstratified_CS	Unstratified	CS K_05	5
## 2178	Unstratified_CS	Unstratified	CS K_05	3
## 2179	Unstratified_CS	Unstratified	CS K_05	4
## 2180	Unstratified_CS	Unstratified	CS K_05	3
## 2181	Unstratified_CS	Unstratified	CS K_05	5
## 2182	Unstratified_CS	Unstratified	CS K_05	4
## 2183	Unstratified_CS	Unstratified	CS K_05	5

## 2184	Unstratified_CS	Unstratified	CS K_05	3
## 2185	Unstratified_CS	Unstratified	CS K_05	1
## 2186	Unstratified_CS	Unstratified	CS K_05	5
## 2187	Unstratified_CS	Unstratified	CS K_05	3
## 2188	Unstratified_CS	Unstratified	CS K_05	1
## 2189	Unstratified_CS	Unstratified	CS K_05	5
## 2190	Unstratified_CS	Unstratified	CS K_05	2
## 2191	Unstratified_CS	Unstratified	CS K_05	3
## 2192	Unstratified_CS	Unstratified	CS K_05	2
## 2193	Unstratified_CS	Unstratified	CS K_05	3
## 2194	Unstratified_CS	Unstratified	CS K_05	5
## 2195	Unstratified_CS	Unstratified	CS K_05	1
## 2196	Unstratified_CS	Unstratified	CS K_05	3
## 2197	Unstratified_CS	Unstratified	CS K_05	5
## 2198	Unstratified_CS	Unstratified	CS K_05	3
## 2199	Unstratified_CS	Unstratified	CS K_05	2
## 2200	Unstratified_CS	Unstratified	CS K_05	4
## 2201	Unstratified_CS	Unstratified	CS K_05	1
## 2202	Unstratified_CS	Unstratified	CS K_05	5
## 2203	Unstratified_CS	Unstratified	CS K_05	4
## 2204	Unstratified_CS	Unstratified	CS K_05	5
## 2205	Unstratified_CS	Unstratified	CS K_05	1
## 2206	Unstratified_CS	Unstratified	CS K_05	2
## 2207	Unstratified_CS	Unstratified	CS K_05	4
## 2208	Unstratified_CS	Unstratified	CS K_05	4
## 2209	Unstratified_CS	Unstratified	CS K_05	1
## 2210	Unstratified_CS	Unstratified	CS K_05	5

## 2211	Unstratified_CS	Unstratified	CS K_05	1
## 2212	Unstratified_CS	Unstratified	CS K_05	4
## 2213	Unstratified_CS	Unstratified	CS K_05	5
## 2214	Unstratified_CS	Unstratified	CS K_05	5
## 2215	Unstratified_CS	Unstratified	CS K_05	4
## 2216	Unstratified_CS	Unstratified	CS K_05	2
## 2217	Unstratified_CS	Unstratified	CS K_05	4
## 2218	Unstratified_CS	Unstratified	CS K_05	3
## 2219	Unstratified_CS	Unstratified	CS K_05	5
## 2220	Unstratified_CS	Unstratified	CS K_05	5
## 2221	Stratified_BS	Stratified	BS K_05	1
## 2222	Stratified_BS	Stratified	BS K_05	2
## 2223	Stratified_BS	Stratified	BS K_05	3
## 2224	Stratified_BS	Stratified	BS K_05	4
## 2225	Stratified_BS	Stratified	BS K_05	5
## 2226	Stratified_BS	Stratified	BS K_05	2
## 2227	Stratified_BS	Stratified	BS K_05	3
## 2228	Stratified_BS	Stratified	BS K_05	4
## 2229	Stratified_BS	Stratified	BS K_05	5
## 2230	Stratified_BS	Stratified	BS K_05	2
## 2231	Stratified_BS	Stratified	BS K_05	3
## 2232	Stratified_BS	Stratified	BS K_05	4
## 2233	Stratified_BS	Stratified	BS K_05	5
## 2234	Stratified_BS	Stratified	BS K_05	2
## 2235	Stratified_BS	Stratified	BS K_05	3
## 2236	Stratified_BS	Stratified	BS K_05	5
## 2237	Stratified_BS	Stratified	BS K_05	1

## 2238	Stratified_BS	Stratified	BS K_05	3
## 2239	Stratified_BS	Stratified	BS K_05	4
## 2240	Stratified_BS	Stratified	BS K_05	5
## 2241	Stratified_BS	Stratified	BS K_05	1
## 2242	Stratified_BS	Stratified	BS K_05	3
## 2243	Stratified_BS	Stratified	BS K_05	5
## 2244	Stratified_BS	Stratified	BS K_05	1
## 2245	Stratified_BS	Stratified	BS K_05	2
## 2246	Stratified_BS	Stratified	BS K_05	3
## 2247	Stratified_BS	Stratified	BS K_05	4
## 2248	Stratified_BS	Stratified	BS K_05	5
## 2249	Stratified_BS	Stratified	BS K_05	2
## 2250	Stratified_BS	Stratified	BS K_05	3
## 2251	Stratified_BS	Stratified	BS K_05	4
## 2252	Stratified_BS	Stratified	BS K_05	5
## 2253	Stratified_BS	Stratified	BS K_05	1
## 2254	Stratified_BS	Stratified	BS K_05	2
## 2255	Stratified_BS	Stratified	BS K_05	3
## 2256	Stratified_BS	Stratified	BS K_05	5
## 2257	Stratified_BS	Stratified	BS K_05	1
## 2258	Stratified_BS	Stratified	BS K_05	3
## 2259	Stratified_BS	Stratified	BS K_05	5
## 2260	Stratified_BS	Stratified	BS K_05	3
## 2261	Stratified_BS	Stratified	BS K_05	5
## 2262	Stratified_BS	Stratified	BS K_05	3
## 2263	Stratified_BS	Stratified	BS K_05	4
## 2264	Stratified_BS	Stratified	BS K_05	5

## 2265	Stratified_BS	Stratified	BS K_05	4
## 2266	Stratified_BS	Stratified	BS K_05	5
## 2267	Stratified_BS	Stratified	BS K_05	1
## 2268	Stratified_BS	Stratified	BS K_05	4
## 2269	Stratified_BS	Stratified	BS K_05	5
## 2270	Stratified_BS	Stratified	BS K_05	5
## 2271	Stratified_BS	Stratified	BS K_05	1
## 2272	Stratified_BS	Stratified	BS K_05	4
## 2273	Stratified_BS	Stratified	BS K_05	5
## 2274	Stratified_BS	Stratified	BS K_05	4
## 2275	Stratified_BS	Stratified	BS K_05	4
## 2276	Stratified_BS	Stratified	BS K_05	4
## 2277	Stratified_BS	Stratified	BS K_05	1
## 2278	Stratified_BS	Stratified	BS K_05	1
## 2279	Stratified_BS	Stratified	BS K_05	4
## 2280	Stratified_BS	Stratified	BS K_05	1
## 2281	Stratified_RS	Stratified	RS K_05	1
## 2282	Stratified_RS	Stratified	RS K_05	1
## 2283	Stratified_RS	Stratified	RS K_05	1
## 2284	Stratified_RS	Stratified	RS K_05	1
## 2285	Stratified_RS	Stratified	RS K_05	1
## 2286	Stratified_RS	Stratified	RS K_05	1
## 2287	Stratified_RS	Stratified	RS K_05	1
## 2288	Stratified_RS	Stratified	RS K_05	1
## 2289	Stratified_RS	Stratified	RS K_05	1
## 2290	Stratified_RS	Stratified	RS K_05	1
## 2291	Stratified_RS	Stratified	RS K_05	1

## 2292	Stratified_RS	Stratified	RS K_05	2
## 2293	Stratified_RS	Stratified	RS K_05	2
## 2294	Stratified_RS	Stratified	RS K_05	2
## 2295	Stratified_RS	Stratified	RS K_05	2
## 2296	Stratified_RS	Stratified	RS K_05	2
## 2297	Stratified_RS	Stratified	RS K_05	2
## 2298	Stratified_RS	Stratified	RS K_05	2
## 2299	Stratified_RS	Stratified	RS K_05	3
## 2300	Stratified_RS	Stratified	RS K_05	3
## 2301	Stratified_RS	Stratified	RS K_05	3
## 2302	Stratified_RS	Stratified	RS K_05	3
## 2303	Stratified_RS	Stratified	RS K_05	3
## 2304	Stratified_RS	Stratified	RS K_05	3
## 2305	Stratified_RS	Stratified	RS K_05	3
## 2306	Stratified_RS	Stratified	RS K_05	3
## 2307	Stratified_RS	Stratified	RS K_05	3
## 2308	Stratified_RS	Stratified	RS K_05	3
## 2309	Stratified_RS	Stratified	RS K_05	3
## 2310	Stratified_RS	Stratified	RS K_05	3
## 2311	Stratified_RS	Stratified	RS K_05	4
## 2312	Stratified_RS	Stratified	RS K_05	4
## 2313	Stratified_RS	Stratified	RS K_05	4
## 2314	Stratified_RS	Stratified	RS K_05	4
## 2315	Stratified_RS	Stratified	RS K_05	4
## 2316	Stratified_RS	Stratified	RS K_05	4
## 2317	Stratified_RS	Stratified	RS K_05	4
## 2318	Stratified_RS	Stratified	RS K_05	4

## 2319	Stratified_RS	Stratified	RS K_05	4
## 2320	Stratified_RS	Stratified	RS K_05	4
## 2321	Stratified_RS	Stratified	RS K_05	4
## 2322	Stratified_RS	Stratified	RS K_05	4
## 2323	Stratified_RS	Stratified	RS K_05	4
## 2324	Stratified_RS	Stratified	RS K_05	4
## 2325	Stratified_RS	Stratified	RS K_05	5
## 2326	Stratified_RS	Stratified	RS K_05	5
## 2327	Stratified_RS	Stratified	RS K_05	5
## 2328	Stratified_RS	Stratified	RS K_05	5
## 2329	Stratified_RS	Stratified	RS K_05	5
## 2330	Stratified_RS	Stratified	RS K_05	5
## 2331	Stratified_RS	Stratified	RS K_05	5
## 2332	Stratified_RS	Stratified	RS K_05	5
## 2333	Stratified_RS	Stratified	RS K_05	5
## 2334	Stratified_RS	Stratified	RS K_05	5
## 2335	Stratified_RS	Stratified	RS K_05	5
## 2336	Stratified_RS	Stratified	RS K_05	5
## 2337	Stratified_RS	Stratified	RS K_05	5
## 2338	Stratified_RS	Stratified	RS K_05	5
## 2339	Stratified_RS	Stratified	RS K_05	5
## 2340	Stratified_RS	Stratified	RS K_05	5
## 2341	Stratified_CS	Stratified	CS K_05	1
## 2342	Stratified_CS	Stratified	CS K_05	1
## 2343	Stratified_CS	Stratified	CS K_05	1
## 2344	Stratified_CS	Stratified	CS K_05	1
## 2345	Stratified_CS	Stratified	CS K_05	1

## 2346	Stratified_CS	Stratified	CS K_05	1
## 2347	Stratified_CS	Stratified	CS K_05	1
## 2348	Stratified_CS	Stratified	CS K_05	1
## 2349	Stratified_CS	Stratified	CS K_05	1
## 2350	Stratified_CS	Stratified	CS K_05	1
## 2351	Stratified_CS	Stratified	CS K_05	1
## 2352	Stratified_CS	Stratified	CS K_05	2
## 2353	Stratified_CS	Stratified	CS K_05	2
## 2354	Stratified_CS	Stratified	CS K_05	2
## 2355	Stratified_CS	Stratified	CS K_05	2
## 2356	Stratified_CS	Stratified	CS K_05	2
## 2357	Stratified_CS	Stratified	CS K_05	2
## 2358	Stratified_CS	Stratified	CS K_05	2
## 2359	Stratified_CS	Stratified	CS K_05	3
## 2360	Stratified_CS	Stratified	CS K_05	3
## 2361	Stratified_CS	Stratified	CS K_05	3
## 2362	Stratified_CS	Stratified	CS K_05	3
## 2363	Stratified_CS	Stratified	CS K_05	3
## 2364	Stratified_CS	Stratified	CS K_05	3
## 2365	Stratified_CS	Stratified	CS K_05	3
## 2366	Stratified_CS	Stratified	CS K_05	3
## 2367	Stratified_CS	Stratified	CS K_05	3
## 2368	Stratified_CS	Stratified	CS K_05	3
## 2369	Stratified_CS	Stratified	CS K_05	3
## 2370	Stratified_CS	Stratified	CS K_05	3
## 2371	Stratified_CS	Stratified	CS K_05	4
## 2372	Stratified_CS	Stratified	CS K_05	4

## 2373	Stratified_CS	Stratified	CS K_05	4
## 2374	Stratified_CS	Stratified	CS K_05	4
## 2375	Stratified_CS	Stratified	CS K_05	4
## 2376	Stratified_CS	Stratified	CS K_05	4
## 2377	Stratified_CS	Stratified	CS K_05	4
## 2378	Stratified_CS	Stratified	CS K_05	4
## 2379	Stratified_CS	Stratified	CS K_05	4
## 2380	Stratified_CS	Stratified	CS K_05	4
## 2381	Stratified_CS	Stratified	CS K_05	4
## 2382	Stratified_CS	Stratified	CS K_05	4
## 2383	Stratified_CS	Stratified	CS K_05	4
## 2384	Stratified_CS	Stratified	CS K_05	4
## 2385	Stratified_CS	Stratified	CS K_05	5
## 2386	Stratified_CS	Stratified	CS K_05	5
## 2387	Stratified_CS	Stratified	CS K_05	5
## 2388	Stratified_CS	Stratified	CS K_05	5
## 2389	Stratified_CS	Stratified	CS K_05	5
## 2390	Stratified_CS	Stratified	CS K_05	5
## 2391	Stratified_CS	Stratified	CS K_05	5
## 2392	Stratified_CS	Stratified	CS K_05	5
## 2393	Stratified_CS	Stratified	CS K_05	5
## 2394	Stratified_CS	Stratified	CS K_05	5
## 2395	Stratified_CS	Stratified	CS K_05	5
## 2396	Stratified_CS	Stratified	CS K_05	5
## 2397	Stratified_CS	Stratified	CS K_05	5
## 2398	Stratified_CS	Stratified	CS K_05	5
## 2399	Stratified_CS	Stratified	CS K_05	5

## 2400	Stratified_CS	Stratified	CS K_05	5
## 2401	Unstratified_RS	Unstratified	RS K_05	3
## 2402	Unstratified_RS	Unstratified	RS K_05	4
## 2403	Unstratified_RS	Unstratified	RS K_05	5
## 2404	Unstratified_RS	Unstratified	RS K_05	2
## 2405	Unstratified_RS	Unstratified	RS K_05	5
## 2406	Unstratified_RS	Unstratified	RS K_05	3
## 2407	Unstratified_RS	Unstratified	RS K_05	5
## 2408	Unstratified_RS	Unstratified	RS K_05	3
## 2409	Unstratified_RS	Unstratified	RS K_05	2
## 2410	Unstratified_RS	Unstratified	RS K_05	5
## 2411	Unstratified_RS	Unstratified	RS K_05	2
## 2412	Unstratified_RS	Unstratified	RS K_05	2
## 2413	Unstratified_RS	Unstratified	RS K_05	1
## 2414	Unstratified_RS	Unstratified	RS K_05	5
## 2415	Unstratified_RS	Unstratified	RS K_05	3
## 2416	Unstratified_RS	Unstratified	RS K_05	3
## 2417	Unstratified_RS	Unstratified	RS K_05	2
## 2418	Unstratified_RS	Unstratified	RS K_05	1
## 2419	Unstratified_RS	Unstratified	RS K_05	5
## 2420	Unstratified_RS	Unstratified	RS K_05	2
## 2421	Unstratified_RS	Unstratified	RS K_05	4
## 2422	Unstratified_RS	Unstratified	RS K_05	3
## 2423	Unstratified_RS	Unstratified	RS K_05	2
## 2424	Unstratified_RS	Unstratified	RS K_05	2
## 2425	Unstratified_RS	Unstratified	RS K_05	3
## 2426	Unstratified_RS	Unstratified	RS K_05	5

## 2427	Unstratified_RS	Unstratified	RS K_05	4
## 2428	Unstratified_RS	Unstratified	RS K_05	5
## 2429	Unstratified_RS	Unstratified	RS K_05	4
## 2430	Unstratified_RS	Unstratified	RS K_05	1
## 2431	Unstratified_RS	Unstratified	RS K_05	5
## 2432	Unstratified_RS	Unstratified	RS K_05	3
## 2433	Unstratified_RS	Unstratified	RS K_05	2
## 2434	Unstratified_RS	Unstratified	RS K_05	4
## 2435	Unstratified_RS	Unstratified	RS K_05	3
## 2436	Unstratified_RS	Unstratified	RS K_05	3
## 2437	Unstratified_RS	Unstratified	RS K_05	3
## 2438	Unstratified_RS	Unstratified	RS K_05	5
## 2439	Unstratified_RS	Unstratified	RS K_05	2
## 2440	Unstratified_RS	Unstratified	RS K_05	1
## 2441	Unstratified_RS	Unstratified	RS K_05	1
## 2442	Unstratified_RS	Unstratified	RS K_05	3
## 2443	Unstratified_RS	Unstratified	RS K_05	5
## 2444	Unstratified_RS	Unstratified	RS K_05	2
## 2445	Unstratified_RS	Unstratified	RS K_05	2
## 2446	Unstratified_RS	Unstratified	RS K_05	5
## 2447	Unstratified_RS	Unstratified	RS K_05	5
## 2448	Unstratified_RS	Unstratified	RS K_05	4
## 2449	Unstratified_RS	Unstratified	RS K_05	1
## 2450	Unstratified_RS	Unstratified	RS K_05	3
## 2451	Unstratified_RS	Unstratified	RS K_05	4
## 2452	Unstratified_RS	Unstratified	RS K_05	5
## 2453	Unstratified_RS	Unstratified	RS K_05	4

## 2454	Unstratified_RS	Unstratified	RS K_05	4
## 2455	Unstratified_RS	Unstratified	RS K_05	4
## 2456	Unstratified_RS	Unstratified	RS K_05	3
## 2457	Unstratified_RS	Unstratified	RS K_05	3
## 2458	Unstratified_RS	Unstratified	RS K_05	3
## 2459	Unstratified_RS	Unstratified	RS K_05	1
## 2460	Unstratified_RS	Unstratified	RS K_05	4
## 2461	Unstratified_CS	Unstratified	CS K_05	3
## 2462	Unstratified_CS	Unstratified	CS K_05	1
## 2463	Unstratified_CS	Unstratified	CS K_05	5
## 2464	Unstratified_CS	Unstratified	CS K_05	1
## 2465	Unstratified_CS	Unstratified	CS K_05	4
## 2466	Unstratified_CS	Unstratified	CS K_05	4
## 2467	Unstratified_CS	Unstratified	CS K_05	5
## 2468	Unstratified_CS	Unstratified	CS K_05	4
## 2469	Unstratified_CS	Unstratified	CS K_05	3
## 2470	Unstratified_CS	Unstratified	CS K_05	1
## 2471	Unstratified_CS	Unstratified	CS K_05	4
## 2472	Unstratified_CS	Unstratified	CS K_05	1
## 2473	Unstratified_CS	Unstratified	CS K_05	3
## 2474	Unstratified_CS	Unstratified	CS K_05	4
## 2475	Unstratified_CS	Unstratified	CS K_05	2
## 2476	Unstratified_CS	Unstratified	CS K_05	5
## 2477	Unstratified_CS	Unstratified	CS K_05	4
## 2478	Unstratified_CS	Unstratified	CS K_05	1
## 2479	Unstratified_CS	Unstratified	CS K_05	1
## 2480	Unstratified_CS	Unstratified	CS K_05	5

## 2481	Unstratified_CS	Unstratified	CS K_05	3
## 2482	Unstratified_CS	Unstratified	CS K_05	5
## 2483	Unstratified_CS	Unstratified	CS K_05	5
## 2484	Unstratified_CS	Unstratified	CS K_05	5
## 2485	Unstratified_CS	Unstratified	CS K_05	5
## 2486	Unstratified_CS	Unstratified	CS K_05	3
## 2487	Unstratified_CS	Unstratified	CS K_05	5
## 2488	Unstratified_CS	Unstratified	CS K_05	3
## 2489	Unstratified_CS	Unstratified	CS K_05	5
## 2490	Unstratified_CS	Unstratified	CS K_05	4
## 2491	Unstratified_CS	Unstratified	CS K_05	1
## 2492	Unstratified_CS	Unstratified	CS K_05	3
## 2493	Unstratified_CS	Unstratified	CS K_05	5
## 2494	Unstratified_CS	Unstratified	CS K_05	5
## 2495	Unstratified_CS	Unstratified	CS K_05	2
## 2496	Unstratified_CS	Unstratified	CS K_05	3
## 2497	Unstratified_CS	Unstratified	CS K_05	5
## 2498	Unstratified_CS	Unstratified	CS K_05	2
## 2499	Unstratified_CS	Unstratified	CS K_05	4
## 2500	Unstratified_CS	Unstratified	CS K_05	4
## 2501	Unstratified_CS	Unstratified	CS K_05	3
## 2502	Unstratified_CS	Unstratified	CS K_05	1
## 2503	Unstratified_CS	Unstratified	CS K_05	4
## 2504	Unstratified_CS	Unstratified	CS K_05	5
## 2505	Unstratified_CS	Unstratified	CS K_05	5
## 2506	Unstratified_CS	Unstratified	CS K_05	1
## 2507	Unstratified_CS	Unstratified	CS K_05	1

## 2508	Unstratified_CS	Unstratified	CS K_05	1
## 2509	Unstratified_CS	Unstratified	CS K_05	1
## 2510	Unstratified_CS	Unstratified	CS K_05	3
## 2511	Unstratified_CS	Unstratified	CS K_05	5
## 2512	Unstratified_CS	Unstratified	CS K_05	3
## 2513	Unstratified_CS	Unstratified	CS K_05	3
## 2514	Unstratified_CS	Unstratified	CS K_05	5
## 2515	Unstratified_CS	Unstratified	CS K_05	4
## 2516	Unstratified_CS	Unstratified	CS K_05	2
## 2517	Unstratified_CS	Unstratified	CS K_05	3
## 2518	Unstratified_CS	Unstratified	CS K_05	4
## 2519	Unstratified_CS	Unstratified	CS K_05	5
## 2520	Unstratified_CS	Unstratified	CS K_05	5
## 2521	Stratified_BS	Stratified	BS K_05	1
## 2522	Stratified_BS	Stratified	BS K_05	2
## 2523	Stratified_BS	Stratified	BS K_05	3
## 2524	Stratified_BS	Stratified	BS K_05	4
## 2525	Stratified_BS	Stratified	BS K_05	5
## 2526	Stratified_BS	Stratified	BS K_05	2
## 2527	Stratified_BS	Stratified	BS K_05	3
## 2528	Stratified_BS	Stratified	BS K_05	4
## 2529	Stratified_BS	Stratified	BS K_05	5
## 2530	Stratified_BS	Stratified	BS K_05	1
## 2531	Stratified_BS	Stratified	BS K_05	2
## 2532	Stratified_BS	Stratified	BS K_05	3
## 2533	Stratified_BS	Stratified	BS K_05	4
## 2534	Stratified_BS	Stratified	BS K_05	5

## 2535	Stratified_BS	Stratified	BS K_05	1
## 2536	Stratified_BS	Stratified	BS K_05	2
## 2537	Stratified_BS	Stratified	BS K_05	3
## 2538	Stratified_BS	Stratified	BS K_05	5
## 2539	Stratified_BS	Stratified	BS K_05	2
## 2540	Stratified_BS	Stratified	BS K_05	3
## 2541	Stratified_BS	Stratified	BS K_05	4
## 2542	Stratified_BS	Stratified	BS K_05	5
## 2543	Stratified_BS	Stratified	BS K_05	2
## 2544	Stratified_BS	Stratified	BS K_05	3
## 2545	Stratified_BS	Stratified	BS K_05	4
## 2546	Stratified_BS	Stratified	BS K_05	5
## 2547	Stratified_BS	Stratified	BS K_05	2
## 2548	Stratified_BS	Stratified	BS K_05	3
## 2549	Stratified_BS	Stratified	BS K_05	5
## 2550	Stratified_BS	Stratified	BS K_05	1
## 2551	Stratified_BS	Stratified	BS K_05	3
## 2552	Stratified_BS	Stratified	BS K_05	4
## 2553	Stratified_BS	Stratified	BS K_05	5
## 2554	Stratified_BS	Stratified	BS K_05	1
## 2555	Stratified_BS	Stratified	BS K_05	3
## 2556	Stratified_BS	Stratified	BS K_05	5
## 2557	Stratified_BS	Stratified	BS K_05	1
## 2558	Stratified_BS	Stratified	BS K_05	3
## 2559	Stratified_BS	Stratified	BS K_05	4
## 2560	Stratified_BS	Stratified	BS K_05	5
## 2561	Stratified_BS	Stratified	BS K_05	3

## 2562	Stratified_BS	Stratified	BS K_05	5
## 2563	Stratified_BS	Stratified	BS K_05	1
## 2564	Stratified_BS	Stratified	BS K_05	3
## 2565	Stratified_BS	Stratified	BS K_05	4
## 2566	Stratified_BS	Stratified	BS K_05	5
## 2567	Stratified_BS	Stratified	BS K_05	1
## 2568	Stratified_BS	Stratified	BS K_05	4
## 2569	Stratified_BS	Stratified	BS K_05	5
## 2570	Stratified_BS	Stratified	BS K_05	1
## 2571	Stratified_BS	Stratified	BS K_05	4
## 2572	Stratified_BS	Stratified	BS K_05	5
## 2573	Stratified_BS	Stratified	BS K_05	1
## 2574	Stratified_BS	Stratified	BS K_05	4
## 2575	Stratified_BS	Stratified	BS K_05	5
## 2576	Stratified_BS	Stratified	BS K_05	1
## 2577	Stratified_BS	Stratified	BS K_05	4
## 2578	Stratified_BS	Stratified	BS K_05	5
## 2579	Stratified_BS	Stratified	BS K_05	4
## 2580	Stratified_BS	Stratified	BS K_05	4
## 2581	Stratified_RS	Stratified	RS K_05	1
## 2582	Stratified_RS	Stratified	RS K_05	1
## 2583	Stratified_RS	Stratified	RS K_05	1
## 2584	Stratified_RS	Stratified	RS K_05	1
## 2585	Stratified_RS	Stratified	RS K_05	1
## 2586	Stratified_RS	Stratified	RS K_05	1
## 2587	Stratified_RS	Stratified	RS K_05	1
## 2588	Stratified_RS	Stratified	RS K_05	1

## 2589	Stratified_RS	Stratified	RS K_05	1
## 2590	Stratified_RS	Stratified	RS K_05	1
## 2591	Stratified_RS	Stratified	RS K_05	1
## 2592	Stratified_RS	Stratified	RS K_05	2
## 2593	Stratified_RS	Stratified	RS K_05	2
## 2594	Stratified_RS	Stratified	RS K_05	2
## 2595	Stratified_RS	Stratified	RS K_05	2
## 2596	Stratified_RS	Stratified	RS K_05	2
## 2597	Stratified_RS	Stratified	RS K_05	2
## 2598	Stratified_RS	Stratified	RS K_05	2
## 2599	Stratified_RS	Stratified	RS K_05	3
## 2600	Stratified_RS	Stratified	RS K_05	3
## 2601	Stratified_RS	Stratified	RS K_05	3
## 2602	Stratified_RS	Stratified	RS K_05	3
## 2603	Stratified_RS	Stratified	RS K_05	3
## 2604	Stratified_RS	Stratified	RS K_05	3
## 2605	Stratified_RS	Stratified	RS K_05	3
## 2606	Stratified_RS	Stratified	RS K_05	3
## 2607	Stratified_RS	Stratified	RS K_05	3
## 2608	Stratified_RS	Stratified	RS K_05	3
## 2609	Stratified_RS	Stratified	RS K_05	3
## 2610	Stratified_RS	Stratified	RS K_05	3
## 2611	Stratified_RS	Stratified	RS K_05	4
## 2612	Stratified_RS	Stratified	RS K_05	4
## 2613	Stratified_RS	Stratified	RS K_05	4
## 2614	Stratified_RS	Stratified	RS K_05	4
## 2615	Stratified_RS	Stratified	RS K_05	4

## 2616	Stratified_RS	Stratified	RS K_05	4
## 2617	Stratified_RS	Stratified	RS K_05	4
## 2618	Stratified_RS	Stratified	RS K_05	4
## 2619	Stratified_RS	Stratified	RS K_05	4
## 2620	Stratified_RS	Stratified	RS K_05	4
## 2621	Stratified_RS	Stratified	RS K_05	4
## 2622	Stratified_RS	Stratified	RS K_05	4
## 2623	Stratified_RS	Stratified	RS K_05	4
## 2624	Stratified_RS	Stratified	RS K_05	4
## 2625	Stratified_RS	Stratified	RS K_05	5
## 2626	Stratified_RS	Stratified	RS K_05	5
## 2627	Stratified_RS	Stratified	RS K_05	5
## 2628	Stratified_RS	Stratified	RS K_05	5
## 2629	Stratified_RS	Stratified	RS K_05	5
## 2630	Stratified_RS	Stratified	RS K_05	5
## 2631	Stratified_RS	Stratified	RS K_05	5
## 2632	Stratified_RS	Stratified	RS K_05	5
## 2633	Stratified_RS	Stratified	RS K_05	5
## 2634	Stratified_RS	Stratified	RS K_05	5
## 2635	Stratified_RS	Stratified	RS K_05	5
## 2636	Stratified_RS	Stratified	RS K_05	5
## 2637	Stratified_RS	Stratified	RS K_05	5
## 2638	Stratified_RS	Stratified	RS K_05	5
## 2639	Stratified_RS	Stratified	RS K_05	5
## 2640	Stratified_RS	Stratified	RS K_05	5
## 2641	Stratified_CS	Stratified	CS K_05	1
## 2642	Stratified_CS	Stratified	CS K_05	1

## 2643	Stratified_CS	Stratified	CS K_05	1
## 2644	Stratified_CS	Stratified	CS K_05	1
## 2645	Stratified_CS	Stratified	CS K_05	1
## 2646	Stratified_CS	Stratified	CS K_05	1
## 2647	Stratified_CS	Stratified	CS K_05	1
## 2648	Stratified_CS	Stratified	CS K_05	1
## 2649	Stratified_CS	Stratified	CS K_05	1
## 2650	Stratified_CS	Stratified	CS K_05	1
## 2651	Stratified_CS	Stratified	CS K_05	1
## 2652	Stratified_CS	Stratified	CS K_05	2
## 2653	Stratified_CS	Stratified	CS K_05	2
## 2654	Stratified_CS	Stratified	CS K_05	2
## 2655	Stratified_CS	Stratified	CS K_05	2
## 2656	Stratified_CS	Stratified	CS K_05	2
## 2657	Stratified_CS	Stratified	CS K_05	2
## 2658	Stratified_CS	Stratified	CS K_05	2
## 2659	Stratified_CS	Stratified	CS K_05	3
## 2660	Stratified_CS	Stratified	CS K_05	3
## 2661	Stratified_CS	Stratified	CS K_05	3
## 2662	Stratified_CS	Stratified	CS K_05	3
## 2663	Stratified_CS	Stratified	CS K_05	3
## 2664	Stratified_CS	Stratified	CS K_05	3
## 2665	Stratified_CS	Stratified	CS K_05	3
## 2666	Stratified_CS	Stratified	CS K_05	3
## 2667	Stratified_CS	Stratified	CS K_05	3
## 2668	Stratified_CS	Stratified	CS K_05	3
## 2669	Stratified_CS	Stratified	CS K_05	3

## 2670	Stratified_CS	Stratified	CS K_05	3
## 2671	Stratified_CS	Stratified	CS K_05	4
## 2672	Stratified_CS	Stratified	CS K_05	4
## 2673	Stratified_CS	Stratified	CS K_05	4
## 2674	Stratified_CS	Stratified	CS K_05	4
## 2675	Stratified_CS	Stratified	CS K_05	4
## 2676	Stratified_CS	Stratified	CS K_05	4
## 2677	Stratified_CS	Stratified	CS K_05	4
## 2678	Stratified_CS	Stratified	CS K_05	4
## 2679	Stratified_CS	Stratified	CS K_05	4
## 2680	Stratified_CS	Stratified	CS K_05	4
## 2681	Stratified_CS	Stratified	CS K_05	4
## 2682	Stratified_CS	Stratified	CS K_05	4
## 2683	Stratified_CS	Stratified	CS K_05	4
## 2684	Stratified_CS	Stratified	CS K_05	4
## 2685	Stratified_CS	Stratified	CS K_05	5
## 2686	Stratified_CS	Stratified	CS K_05	5
## 2687	Stratified_CS	Stratified	CS K_05	5
## 2688	Stratified_CS	Stratified	CS K_05	5
## 2689	Stratified_CS	Stratified	CS K_05	5
## 2690	Stratified_CS	Stratified	CS K_05	5
## 2691	Stratified_CS	Stratified	CS K_05	5
## 2692	Stratified_CS	Stratified	CS K_05	5
## 2693	Stratified_CS	Stratified	CS K_05	5
## 2694	Stratified_CS	Stratified	CS K_05	5
## 2695	Stratified_CS	Stratified	CS K_05	5
## 2696	Stratified_CS	Stratified	CS K_05	5

## 2697	Stratified_CS	Stratified	CS K_05	5
## 2698	Stratified_CS	Stratified	CS K_05	5
## 2699	Stratified_CS	Stratified	CS K_05	5
## 2700	Stratified_CS	Stratified	CS K_05	5
## 2701	Unstratified_RS	Unstratified	RS K_05	5
## 2702	Unstratified_RS	Unstratified	RS K_05	5
## 2703	Unstratified_RS	Unstratified	RS K_05	5
## 2704	Unstratified_RS	Unstratified	RS K_05	5
## 2705	Unstratified_RS	Unstratified	RS K_05	5
## 2706	Unstratified_RS	Unstratified	RS K_05	5
## 2707	Unstratified_RS	Unstratified	RS K_05	3
## 2708	Unstratified_RS	Unstratified	RS K_05	5
## 2709	Unstratified_RS	Unstratified	RS K_05	5
## 2710	Unstratified_RS	Unstratified	RS K_05	5
## 2711	Unstratified_RS	Unstratified	RS K_05	5
## 2712	Unstratified_RS	Unstratified	RS K_05	5
## 2713	Unstratified_RS	Unstratified	RS K_05	5
## 2714	Unstratified_RS	Unstratified	RS K_05	5
## 2715	Unstratified_RS	Unstratified	RS K_05	5
## 2716	Unstratified_RS	Unstratified	RS K_05	5
## 2717	Unstratified_RS	Unstratified	RS K_05	3
## 2718	Unstratified_RS	Unstratified	RS K_05	5
## 2719	Unstratified_RS	Unstratified	RS K_05	2
## 2720	Unstratified_RS	Unstratified	RS K_05	5
## 2721	Unstratified_RS	Unstratified	RS K_05	5
## 2722	Unstratified_RS	Unstratified	RS K_05	5
## 2723	Unstratified_RS	Unstratified	RS K_05	5

## 2724	Unstratified_RS	Unstratified	RS K_05	5
## 2725	Unstratified_RS	Unstratified	RS K_05	1
## 2726	Unstratified_RS	Unstratified	RS K_05	3
## 2727	Unstratified_RS	Unstratified	RS K_05	5
## 2728	Unstratified_RS	Unstratified	RS K_05	3
## 2729	Unstratified_RS	Unstratified	RS K_05	5
## 2730	Unstratified_RS	Unstratified	RS K_05	5
## 2731	Unstratified_RS	Unstratified	RS K_05	5
## 2732	Unstratified_RS	Unstratified	RS K_05	5
## 2733	Unstratified_RS	Unstratified	RS K_05	5
## 2734	Unstratified_RS	Unstratified	RS K_05	5
## 2735	Unstratified_RS	Unstratified	RS K_05	5
## 2736	Unstratified_RS	Unstratified	RS K_05	5
## 2737	Unstratified_RS	Unstratified	RS K_05	5
## 2738	Unstratified_RS	Unstratified	RS K_05	3
## 2739	Unstratified_RS	Unstratified	RS K_05	5
## 2740	Unstratified_RS	Unstratified	RS K_05	5
## 2741	Unstratified_RS	Unstratified	RS K_05	5
## 2742	Unstratified_RS	Unstratified	RS K_05	3
## 2743	Unstratified_RS	Unstratified	RS K_05	5
## 2744	Unstratified_RS	Unstratified	RS K_05	5
## 2745	Unstratified_RS	Unstratified	RS K_05	3
## 2746	Unstratified_RS	Unstratified	RS K_05	3
## 2747	Unstratified_RS	Unstratified	RS K_05	2
## 2748	Unstratified_RS	Unstratified	RS K_05	5
## 2749	Unstratified_RS	Unstratified	RS K_05	5
## 2750	Unstratified_RS	Unstratified	RS K_05	5

## 2751	Unstratified_RS	Unstratified	RS K_05	5
## 2752	Unstratified_RS	Unstratified	RS K_05	5
## 2753	Unstratified_RS	Unstratified	RS K_05	3
## 2754	Unstratified_RS	Unstratified	RS K_05	5
## 2755	Unstratified_RS	Unstratified	RS K_05	3
## 2756	Unstratified_RS	Unstratified	RS K_05	5
## 2757	Unstratified_RS	Unstratified	RS K_05	5
## 2758	Unstratified_RS	Unstratified	RS K_05	2
## 2759	Unstratified_RS	Unstratified	RS K_05	5
## 2760	Unstratified_RS	Unstratified	RS K_05	5
## 2761	Unstratified_CS	Unstratified	CS K_05	3
## 2762	Unstratified_CS	Unstratified	CS K_05	5
## 2763	Unstratified_CS	Unstratified	CS K_05	5
## 2764	Unstratified_CS	Unstratified	CS K_05	5
## 2765	Unstratified_CS	Unstratified	CS K_05	5
## 2766	Unstratified_CS	Unstratified	CS K_05	5
## 2767	Unstratified_CS	Unstratified	CS K_05	5
## 2768	Unstratified_CS	Unstratified	CS K_05	5
## 2769	Unstratified_CS	Unstratified	CS K_05	5
## 2770	Unstratified_CS	Unstratified	CS K_05	5
## 2771	Unstratified_CS	Unstratified	CS K_05	3
## 2772	Unstratified_CS	Unstratified	CS K_05	2
## 2773	Unstratified_CS	Unstratified	CS K_05	5
## 2774	Unstratified_CS	Unstratified	CS K_05	5
## 2775	Unstratified_CS	Unstratified	CS K_05	5
## 2776	Unstratified_CS	Unstratified	CS K_05	5
## 2777	Unstratified_CS	Unstratified	CS K_05	5

## 2778	Unstratified_CS	Unstratified	CS K_05	3
## 2779	Unstratified_CS	Unstratified	CS K_05	5
## 2780	Unstratified_CS	Unstratified	CS K_05	5
## 2781	Unstratified_CS	Unstratified	CS K_05	5
## 2782	Unstratified_CS	Unstratified	CS K_05	5
## 2783	Unstratified_CS	Unstratified	CS K_05	5
## 2784	Unstratified_CS	Unstratified	CS K_05	5
## 2785	Unstratified_CS	Unstratified	CS K_05	5
## 2786	Unstratified_CS	Unstratified	CS K_05	5
## 2787	Unstratified_CS	Unstratified	CS K_05	5
## 2788	Unstratified_CS	Unstratified	CS K_05	5
## 2789	Unstratified_CS	Unstratified	CS K_05	5
## 2790	Unstratified_CS	Unstratified	CS K_05	3
## 2791	Unstratified_CS	Unstratified	CS K_05	5
## 2792	Unstratified_CS	Unstratified	CS K_05	5
## 2793	Unstratified_CS	Unstratified	CS K_05	5
## 2794	Unstratified_CS	Unstratified	CS K_05	5
## 2795	Unstratified_CS	Unstratified	CS K_05	5
## 2796	Unstratified_CS	Unstratified	CS K_05	5
## 2797	Unstratified_CS	Unstratified	CS K_05	5
## 2798	Unstratified_CS	Unstratified	CS K_05	3
## 2799	Unstratified_CS	Unstratified	CS K_05	5
## 2800	Unstratified_CS	Unstratified	CS K_05	5
## 2801	Unstratified_CS	Unstratified	CS K_05	5
## 2802	Unstratified_CS	Unstratified	CS K_05	3
## 2803	Unstratified_CS	Unstratified	CS K_05	3
## 2804	Unstratified_CS	Unstratified	CS K_05	5

##	2805	Unstratified_CS	Unstratified	CS K_05	5
##	2806	Unstratified_CS	Unstratified	CS K_05	5
##	2807	Unstratified_CS	Unstratified	CS K_05	5
##	2808	Unstratified_CS	Unstratified	CS K_05	5
##	2809	Unstratified_CS	Unstratified	CS K_05	5
##	2810	Unstratified_CS	Unstratified	CS K_05	5
##	2811	Unstratified_CS	Unstratified	CS K_05	2
##	2812	Unstratified_CS	Unstratified	CS K_05	5
##	2813	Unstratified_CS	Unstratified	CS K_05	5
##	2814	Unstratified_CS	Unstratified	CS K_05	5
##	2815	Unstratified_CS	Unstratified	CS K_05	5
##	2816	Unstratified_CS	Unstratified	CS K_05	5
##	2817	Unstratified_CS	Unstratified	CS K_05	5
##	2818	Unstratified_CS	Unstratified	CS K_05	5
##	2819	Unstratified_CS	Unstratified	CS K_05	5
##	2820	Unstratified_CS	Unstratified	CS K_05	5
##	2821	Stratified_BS	Stratified	BS K_05	5
##	2822	Stratified_BS	Stratified	BS K_05	5
##	2823	Stratified_BS	Stratified	BS K_05	3
##	2824	Stratified_BS	Stratified	BS K_05	3
##	2825	Stratified_BS	Stratified	BS K_05	5
##	2826	Stratified_BS	Stratified	BS K_05	5
##	2827	Stratified_BS	Stratified	BS K_05	5
##	2828	Stratified_BS	Stratified	BS K_05	5
##	2829	Stratified_BS	Stratified	BS K_05	2
##	2830	Stratified_BS	Stratified	BS K_05	5
##	2831	Stratified_BS	Stratified	BS K_05	2

## 2832	Stratified_BS	Stratified	BS K_05	3
## 2833	Stratified_BS	Stratified	BS K_05	5
## 2834	Stratified_BS	Stratified	BS K_05	5
## 2835	Stratified_BS	Stratified	BS K_05	5
## 2836	Stratified_BS	Stratified	BS K_05	5
## 2837	Stratified_BS	Stratified	BS K_05	3
## 2838	Stratified_BS	Stratified	BS K_05	5
## 2839	Stratified_BS	Stratified	BS K_05	3
## 2840	Stratified_BS	Stratified	BS K_05	5
## 2841	Stratified_BS	Stratified	BS K_05	4
## 2842	Stratified_BS	Stratified	BS K_05	5
## 2843	Stratified_BS	Stratified	BS K_05	5
## 2844	Stratified_BS	Stratified	BS K_05	3
## 2845	Stratified_BS	Stratified	BS K_05	5
## 2846	Stratified_BS	Stratified	BS K_05	3
## 2847	Stratified_BS	Stratified	BS K_05	3
## 2848	Stratified_BS	Stratified	BS K_05	3
## 2849	Stratified_BS	Stratified	BS K_05	3
## 2850	Stratified_BS	Stratified	BS K_05	2
## 2851	Stratified_BS	Stratified	BS K_05	2
## 2852	Stratified_BS	Stratified	BS K_05	3
## 2853	Stratified_BS	Stratified	BS K_05	1
## 2854	Stratified_BS	Stratified	BS K_05	3
## 2855	Stratified_BS	Stratified	BS K_05	4
## 2856	Stratified_BS	Stratified	BS K_05	2
## 2857	Stratified_BS	Stratified	BS K_05	2
## 2858	Stratified_BS	Stratified	BS K_05	1

## 2859	Stratified_BS	Stratified	BS K_05	4
## 2860	Stratified_BS	Stratified	BS K_05	1
## 2861	Stratified_BS	Stratified	BS K_05	2
## 2862	Stratified_BS	Stratified	BS K_05	1
## 2863	Stratified_BS	Stratified	BS K_05	4
## 2864	Stratified_BS	Stratified	BS K_05	1
## 2865	Stratified_BS	Stratified	BS K_05	4
## 2866	Stratified_BS	Stratified	BS K_05	1
## 2867	Stratified_BS	Stratified	BS K_05	4
## 2868	Stratified_BS	Stratified	BS K_05	4
## 2869	Stratified_BS	Stratified	BS K_05	1
## 2870	Stratified_BS	Stratified	BS K_05	1
## 2871	Stratified_BS	Stratified	BS K_05	4
## 2872	Stratified_BS	Stratified	BS K_05	1
## 2873	Stratified_BS	Stratified	BS K_05	1
## 2874	Stratified_BS	Stratified	BS K_05	4
## 2875	Stratified_BS	Stratified	BS K_05	1
## 2876	Stratified_BS	Stratified	BS K_05	4
## 2877	Stratified_BS	Stratified	BS K_05	4
## 2878	Stratified_BS	Stratified	BS K_05	4
## 2879	Stratified_BS	Stratified	BS K_05	4
## 2880	Stratified_BS	Stratified	BS K_05	4
## 2881	Stratified_RS	Stratified	RS K_05	1
## 2882	Stratified_RS	Stratified	RS K_05	1
## 2883	Stratified_RS	Stratified	RS K_05	1
## 2884	Stratified_RS	Stratified	RS K_05	1
## 2885	Stratified_RS	Stratified	RS K_05	1

## 2886	Stratified_RS	Stratified	RS K_05	1
## 2887	Stratified_RS	Stratified	RS K_05	1
## 2888	Stratified_RS	Stratified	RS K_05	1
## 2889	Stratified_RS	Stratified	RS K_05	1
## 2890	Stratified_RS	Stratified	RS K_05	1
## 2891	Stratified_RS	Stratified	RS K_05	1
## 2892	Stratified_RS	Stratified	RS K_05	2
## 2893	Stratified_RS	Stratified	RS K_05	2
## 2894	Stratified_RS	Stratified	RS K_05	2
## 2895	Stratified_RS	Stratified	RS K_05	2
## 2896	Stratified_RS	Stratified	RS K_05	2
## 2897	Stratified_RS	Stratified	RS K_05	2
## 2898	Stratified_RS	Stratified	RS K_05	2
## 2899	Stratified_RS	Stratified	RS K_05	3
## 2900	Stratified_RS	Stratified	RS K_05	3
## 2901	Stratified_RS	Stratified	RS K_05	3
## 2902	Stratified_RS	Stratified	RS K_05	3
## 2903	Stratified_RS	Stratified	RS K_05	3
## 2904	Stratified_RS	Stratified	RS K_05	3
## 2905	Stratified_RS	Stratified	RS K_05	3
## 2906	Stratified_RS	Stratified	RS K_05	3
## 2907	Stratified_RS	Stratified	RS K_05	3
## 2908	Stratified_RS	Stratified	RS K_05	3
## 2909	Stratified_RS	Stratified	RS K_05	3
## 2910	Stratified_RS	Stratified	RS K_05	3
## 2911	Stratified_RS	Stratified	RS K_05	4
## 2912	Stratified_RS	Stratified	RS K_05	4

## 2913	Stratified_RS	Stratified	RS K_05	4
## 2914	Stratified_RS	Stratified	RS K_05	4
## 2915	Stratified_RS	Stratified	RS K_05	4
## 2916	Stratified_RS	Stratified	RS K_05	4
## 2917	Stratified_RS	Stratified	RS K_05	4
## 2918	Stratified_RS	Stratified	RS K_05	4
## 2919	Stratified_RS	Stratified	RS K_05	4
## 2920	Stratified_RS	Stratified	RS K_05	4
## 2921	Stratified_RS	Stratified	RS K_05	4
## 2922	Stratified_RS	Stratified	RS K_05	4
## 2923	Stratified_RS	Stratified	RS K_05	4
## 2924	Stratified_RS	Stratified	RS K_05	4
## 2925	Stratified_RS	Stratified	RS K_05	5
## 2926	Stratified_RS	Stratified	RS K_05	5
## 2927	Stratified_RS	Stratified	RS K_05	5
## 2928	Stratified_RS	Stratified	RS K_05	5
## 2929	Stratified_RS	Stratified	RS K_05	5
## 2930	Stratified_RS	Stratified	RS K_05	5
## 2931	Stratified_RS	Stratified	RS K_05	5
## 2932	Stratified_RS	Stratified	RS K_05	5
## 2933	Stratified_RS	Stratified	RS K_05	5
## 2934	Stratified_RS	Stratified	RS K_05	5
## 2935	Stratified_RS	Stratified	RS K_05	5
## 2936	Stratified_RS	Stratified	RS K_05	5
## 2937	Stratified_RS	Stratified	RS K_05	5
## 2938	Stratified_RS	Stratified	RS K_05	5
## 2939	Stratified_RS	Stratified	RS K_05	5

## 2940	Stratified_RS	Stratified	RS K_05	5
## 2941	Stratified_CS	Stratified	CS K_05	1
## 2942	Stratified_CS	Stratified	CS K_05	1
## 2943	Stratified_CS	Stratified	CS K_05	1
## 2944	Stratified_CS	Stratified	CS K_05	1
## 2945	Stratified_CS	Stratified	CS K_05	1
## 2946	Stratified_CS	Stratified	CS K_05	1
## 2947	Stratified_CS	Stratified	CS K_05	1
## 2948	Stratified_CS	Stratified	CS K_05	1
## 2949	Stratified_CS	Stratified	CS K_05	1
## 2950	Stratified_CS	Stratified	CS K_05	1
## 2951	Stratified_CS	Stratified	CS K_05	1
## 2952	Stratified_CS	Stratified	CS K_05	2
## 2953	Stratified_CS	Stratified	CS K_05	2
## 2954	Stratified_CS	Stratified	CS K_05	2
## 2955	Stratified_CS	Stratified	CS K_05	2
## 2956	Stratified_CS	Stratified	CS K_05	2
## 2957	Stratified_CS	Stratified	CS K_05	2
## 2958	Stratified_CS	Stratified	CS K_05	2
## 2959	Stratified_CS	Stratified	CS K_05	3
## 2960	Stratified_CS	Stratified	CS K_05	3
## 2961	Stratified_CS	Stratified	CS K_05	3
## 2962	Stratified_CS	Stratified	CS K_05	3
## 2963	Stratified_CS	Stratified	CS K_05	3
## 2964	Stratified_CS	Stratified	CS K_05	3
## 2965	Stratified_CS	Stratified	CS K_05	3
## 2966	Stratified_CS	Stratified	CS K_05	3

## 2967	Stratified_CS	Stratified	CS K_05	3
## 2968	Stratified_CS	Stratified	CS K_05	3
## 2969	Stratified_CS	Stratified	CS K_05	3
## 2970	Stratified_CS	Stratified	CS K_05	3
## 2971	Stratified_CS	Stratified	CS K_05	4
## 2972	Stratified_CS	Stratified	CS K_05	4
## 2973	Stratified_CS	Stratified	CS K_05	4
## 2974	Stratified_CS	Stratified	CS K_05	4
## 2975	Stratified_CS	Stratified	CS K_05	4
## 2976	Stratified_CS	Stratified	CS K_05	4
## 2977	Stratified_CS	Stratified	CS K_05	4
## 2978	Stratified_CS	Stratified	CS K_05	4
## 2979	Stratified_CS	Stratified	CS K_05	4
## 2980	Stratified_CS	Stratified	CS K_05	4
## 2981	Stratified_CS	Stratified	CS K_05	4
## 2982	Stratified_CS	Stratified	CS K_05	4
## 2983	Stratified_CS	Stratified	CS K_05	4
## 2984	Stratified_CS	Stratified	CS K_05	4
## 2985	Stratified_CS	Stratified	CS K_05	5
## 2986	Stratified_CS	Stratified	CS K_05	5
## 2987	Stratified_CS	Stratified	CS K_05	5
## 2988	Stratified_CS	Stratified	CS K_05	5
## 2989	Stratified_CS	Stratified	CS K_05	5
## 2990	Stratified_CS	Stratified	CS K_05	5
## 2991	Stratified_CS	Stratified	CS K_05	5
## 2992	Stratified_CS	Stratified	CS K_05	5
## 2993	Stratified_CS	Stratified	CS K_05	5

## 2994	Stratified_CS	Stratified	CS K_05	5
## 2995	Stratified_CS	Stratified	CS K_05	5
## 2996	Stratified_CS	Stratified	CS K_05	5
## 2997	Stratified_CS	Stratified	CS K_05	5
## 2998	Stratified_CS	Stratified	CS K_05	5
## 2999	Stratified_CS	Stratified	CS K_05	5
## 3000	Stratified_CS	Stratified	CS K_05	5
## 3001	Unstratified_RS	Unstratified	RS K_05	5
## 3002	Unstratified_RS	Unstratified	RS K_05	1
## 3003	Unstratified_RS	Unstratified	RS K_05	5
## 3004	Unstratified_RS	Unstratified	RS K_05	5
## 3005	Unstratified_RS	Unstratified	RS K_05	5
## 3006	Unstratified_RS	Unstratified	RS K_05	2
## 3007	Unstratified_RS	Unstratified	RS K_05	3
## 3008	Unstratified_RS	Unstratified	RS K_05	5
## 3009	Unstratified_RS	Unstratified	RS K_05	5
## 3010	Unstratified_RS	Unstratified	RS K_05	5
## 3011	Unstratified_RS	Unstratified	RS K_05	5
## 3012	Unstratified_RS	Unstratified	RS K_05	5
## 3013	Unstratified_RS	Unstratified	RS K_05	3
## 3014	Unstratified_RS	Unstratified	RS K_05	3
## 3015	Unstratified_RS	Unstratified	RS K_05	5
## 3016	Unstratified_RS	Unstratified	RS K_05	5
## 3017	Unstratified_RS	Unstratified	RS K_05	3
## 3018	Unstratified_RS	Unstratified	RS K_05	5
## 3019	Unstratified_RS	Unstratified	RS K_05	5
## 3020	Unstratified_RS	Unstratified	RS K_05	2

## 3021	Unstratified_RS	Unstratified	RS K_05	5
## 3022	Unstratified_RS	Unstratified	RS K_05	3
## 3023	Unstratified_RS	Unstratified	RS K_05	5
## 3024	Unstratified_RS	Unstratified	RS K_05	5
## 3025	Unstratified_RS	Unstratified	RS K_05	5
## 3026	Unstratified_RS	Unstratified	RS K_05	5
## 3027	Unstratified_RS	Unstratified	RS K_05	3
## 3028	Unstratified_RS	Unstratified	RS K_05	3
## 3029	Unstratified_RS	Unstratified	RS K_05	5
## 3030	Unstratified_RS	Unstratified	RS K_05	5
## 3031	Unstratified_RS	Unstratified	RS K_05	5
## 3032	Unstratified_RS	Unstratified	RS K_05	5
## 3033	Unstratified_RS	Unstratified	RS K_05	3
## 3034	Unstratified_RS	Unstratified	RS K_05	5
## 3035	Unstratified_RS	Unstratified	RS K_05	1
## 3036	Unstratified_RS	Unstratified	RS K_05	5
## 3037	Unstratified_RS	Unstratified	RS K_05	3
## 3038	Unstratified_RS	Unstratified	RS K_05	4
## 3039	Unstratified_RS	Unstratified	RS K_05	3
## 3040	Unstratified_RS	Unstratified	RS K_05	5
## 3041	Unstratified_RS	Unstratified	RS K_05	5
## 3042	Unstratified_RS	Unstratified	RS K_05	5
## 3043	Unstratified_RS	Unstratified	RS K_05	5
## 3044	Unstratified_RS	Unstratified	RS K_05	1
## 3045	Unstratified_RS	Unstratified	RS K_05	3
## 3046	Unstratified_RS	Unstratified	RS K_05	2
## 3047	Unstratified_RS	Unstratified	RS K_05	5

## 3048	Unstratified_RS	Unstratified	RS K_05	5
## 3049	Unstratified_RS	Unstratified	RS K_05	5
## 3050	Unstratified_RS	Unstratified	RS K_05	5
## 3051	Unstratified_RS	Unstratified	RS K_05	5
## 3052	Unstratified_RS	Unstratified	RS K_05	5
## 3053	Unstratified_RS	Unstratified	RS K_05	3
## 3054	Unstratified_RS	Unstratified	RS K_05	5
## 3055	Unstratified_RS	Unstratified	RS K_05	5
## 3056	Unstratified_RS	Unstratified	RS K_05	2
## 3057	Unstratified_RS	Unstratified	RS K_05	5
## 3058	Unstratified_RS	Unstratified	RS K_05	3
## 3059	Unstratified_RS	Unstratified	RS K_05	5
## 3060	Unstratified_RS	Unstratified	RS K_05	5
## 3061	Unstratified_CS	Unstratified	CS K_05	5
## 3062	Unstratified_CS	Unstratified	CS K_05	5
## 3063	Unstratified_CS	Unstratified	CS K_05	3
## 3064	Unstratified_CS	Unstratified	CS K_05	5
## 3065	Unstratified_CS	Unstratified	CS K_05	5
## 3066	Unstratified_CS	Unstratified	CS K_05	5
## 3067	Unstratified_CS	Unstratified	CS K_05	3
## 3068	Unstratified_CS	Unstratified	CS K_05	5
## 3069	Unstratified_CS	Unstratified	CS K_05	5
## 3070	Unstratified_CS	Unstratified	CS K_05	5
## 3071	Unstratified_CS	Unstratified	CS K_05	5
## 3072	Unstratified_CS	Unstratified	CS K_05	3
## 3073	Unstratified_CS	Unstratified	CS K_05	5
## 3074	Unstratified_CS	Unstratified	CS K_05	5

## 3075 Unstratified_CS Unstratified	CS K_05	5
## 3076 Unstratified_CS Unstratified	CS K_05	5
## 3077 Unstratified_CS Unstratified	CS K_05	3
## 3078 Unstratified_CS Unstratified	CS K_05	5
## 3079 Unstratified_CS Unstratified	CS K_05	3
## 3080 Unstratified_CS Unstratified	CS K_05	3
## 3081 Unstratified_CS Unstratified	CS K_05	5
## 3082 Unstratified_CS Unstratified	CS K_05	5
## 3083 Unstratified_CS Unstratified	CS K_05	5
## 3084 Unstratified_CS Unstratified	CS K_05	3
## 3085 Unstratified_CS Unstratified	CS K_05	5
## 3086 Unstratified_CS Unstratified	CS K_05	5
## 3087 Unstratified_CS Unstratified	CS K_05	3
## 3088 Unstratified_CS Unstratified	CS K_05	5
## 3089 Unstratified_CS Unstratified	CS K_05	5
## 3090 Unstratified_CS Unstratified	CS K_05	5
## 3091 Unstratified_CS Unstratified	CS K_05	5
## 3092 Unstratified_CS Unstratified	CS K_05	5
## 3093 Unstratified_CS Unstratified	CS K_05	5
## 3094 Unstratified_CS Unstratified	CS K_05	3
## 3095 Unstratified_CS Unstratified	CS K_05	3
## 3096 Unstratified_CS Unstratified	CS K_05	5
## 3097 Unstratified_CS Unstratified	CS K_05	5
## 3098 Unstratified_CS Unstratified	CS K_05	1
## 3099 Unstratified_CS Unstratified	CS K_05	5
## 3100 Unstratified_CS Unstratified	CS K_05	5
## 3101 Unstratified_CS Unstratified	CS K_05	5

## 3102	Unstratified_CS	Unstratified	CS K_05	5
## 3103	Unstratified_CS	Unstratified	CS K_05	2
## 3104	Unstratified_CS	Unstratified	CS K_05	3
## 3105	Unstratified_CS	Unstratified	CS K_05	3
## 3106	Unstratified_CS	Unstratified	CS K_05	5
## 3107	Unstratified_CS	Unstratified	CS K_05	5
## 3108	Unstratified_CS	Unstratified	CS K_05	5
## 3109	Unstratified_CS	Unstratified	CS K_05	5
## 3110	Unstratified_CS	Unstratified	CS K_05	5
## 3111	Unstratified_CS	Unstratified	CS K_05	5
## 3112	Unstratified_CS	Unstratified	CS K_05	3
## 3113	Unstratified_CS	Unstratified	CS K_05	5
## 3114	Unstratified_CS	Unstratified	CS K_05	5
## 3115	Unstratified_CS	Unstratified	CS K_05	5
## 3116	Unstratified_CS	Unstratified	CS K_05	3
## 3117	Unstratified_CS	Unstratified	CS K_05	5
## 3118	Unstratified_CS	Unstratified	CS K_05	5
## 3119	Unstratified_CS	Unstratified	CS K_05	5
## 3120	Unstratified_CS	Unstratified	CS K_05	5
## 3121	Stratified_BS	Stratified	BS K_05	5
## 3122	Stratified_BS	Stratified	BS K_05	5
## 3123	Stratified_BS	Stratified	BS K_05	5
## 3124	Stratified_BS	Stratified	BS K_05	5
## 3125	Stratified_BS	Stratified	BS K_05	2
## 3126	Stratified_BS	Stratified	BS K_05	5
## 3127	Stratified_BS	Stratified	BS K_05	1
## 3128	Stratified_BS	Stratified	BS K_05	3

## 3129	Stratified_BS	Stratified	BS K_05	5
## 3130	Stratified_BS	Stratified	BS K_05	3
## 3131	Stratified_BS	Stratified	BS K_05	5
## 3132	Stratified_BS	Stratified	BS K_05	5
## 3133	Stratified_BS	Stratified	BS K_05	3
## 3134	Stratified_BS	Stratified	BS K_05	3
## 3135	Stratified_BS	Stratified	BS K_05	5
## 3136	Stratified_BS	Stratified	BS K_05	5
## 3137	Stratified_BS	Stratified	BS K_05	5
## 3138	Stratified_BS	Stratified	BS K_05	5
## 3139	Stratified_BS	Stratified	BS K_05	5
## 3140	Stratified_BS	Stratified	BS K_05	3
## 3141	Stratified_BS	Stratified	BS K_05	3
## 3142	Stratified_BS	Stratified	BS K_05	5
## 3143	Stratified_BS	Stratified	BS K_05	2
## 3144	Stratified_BS	Stratified	BS K_05	5
## 3145	Stratified_BS	Stratified	BS K_05	5
## 3146	Stratified_BS	Stratified	BS K_05	3
## 3147	Stratified_BS	Stratified	BS K_05	2
## 3148	Stratified_BS	Stratified	BS K_05	3
## 3149	Stratified_BS	Stratified	BS K_05	3
## 3150	Stratified_BS	Stratified	BS K_05	4
## 3151	Stratified_BS	Stratified	BS K_05	3
## 3152	Stratified_BS	Stratified	BS K_05	3
## 3153	Stratified_BS	Stratified	BS K_05	3
## 3154	Stratified_BS	Stratified	BS K_05	1
## 3155	Stratified_BS	Stratified	BS K_05	2

## 3156	Stratified_BS	Stratified	BS K_05	2
## 3157	Stratified_BS	Stratified	BS K_05	1
## 3158	Stratified_BS	Stratified	BS K_05	4
## 3159	Stratified_BS	Stratified	BS K_05	2
## 3160	Stratified_BS	Stratified	BS K_05	2
## 3161	Stratified_BS	Stratified	BS K_05	1
## 3162	Stratified_BS	Stratified	BS K_05	1
## 3163	Stratified_BS	Stratified	BS K_05	1
## 3164	Stratified_BS	Stratified	BS K_05	1
## 3165	Stratified_BS	Stratified	BS K_05	1
## 3166	Stratified_BS	Stratified	BS K_05	4
## 3167	Stratified_BS	Stratified	BS K_05	1
## 3168	Stratified_BS	Stratified	BS K_05	1
## 3169	Stratified_BS	Stratified	BS K_05	1
## 3170	Stratified_BS	Stratified	BS K_05	4
## 3171	Stratified_BS	Stratified	BS K_05	4
## 3172	Stratified_BS	Stratified	BS K_05	4
## 3173	Stratified_BS	Stratified	BS K_05	4
## 3174	Stratified_BS	Stratified	BS K_05	4
## 3175	Stratified_BS	Stratified	BS K_05	4
## 3176	Stratified_BS	Stratified	BS K_05	4
## 3177	Stratified_BS	Stratified	BS K_05	4
## 3178	Stratified_BS	Stratified	BS K_05	4
## 3179	Stratified_BS	Stratified	BS K_05	4
## 3180	Stratified_BS	Stratified	BS K_05	4
## 3181	Stratified_RS	Stratified	RS K_05	1
## 3182	Stratified_RS	Stratified	RS K_05	1

## 3183	Stratified_RS	Stratified	RS K_05	1
## 3184	Stratified_RS	Stratified	RS K_05	1
## 3185	Stratified_RS	Stratified	RS K_05	1
## 3186	Stratified_RS	Stratified	RS K_05	1
## 3187	Stratified_RS	Stratified	RS K_05	1
## 3188	Stratified_RS	Stratified	RS K_05	1
## 3189	Stratified_RS	Stratified	RS K_05	1
## 3190	Stratified_RS	Stratified	RS K_05	1
## 3191	Stratified_RS	Stratified	RS K_05	1
## 3192	Stratified_RS	Stratified	RS K_05	2
## 3193	Stratified_RS	Stratified	RS K_05	2
## 3194	Stratified_RS	Stratified	RS K_05	2
## 3195	Stratified_RS	Stratified	RS K_05	2
## 3196	Stratified_RS	Stratified	RS K_05	2
## 3197	Stratified_RS	Stratified	RS K_05	2
## 3198	Stratified_RS	Stratified	RS K_05	2
## 3199	Stratified_RS	Stratified	RS K_05	3
## 3200	Stratified_RS	Stratified	RS K_05	3
## 3201	Stratified_RS	Stratified	RS K_05	3
## 3202	Stratified_RS	Stratified	RS K_05	3
## 3203	Stratified_RS	Stratified	RS K_05	3
## 3204	Stratified_RS	Stratified	RS K_05	3
## 3205	Stratified_RS	Stratified	RS K_05	3
## 3206	Stratified_RS	Stratified	RS K_05	3
## 3207	Stratified_RS	Stratified	RS K_05	3
## 3208	Stratified_RS	Stratified	RS K_05	3
## 3209	Stratified_RS	Stratified	RS K_05	3

## 3210	Stratified_RS	Stratified	RS K_05	3
## 3211	Stratified_RS	Stratified	RS K_05	4
## 3212	Stratified_RS	Stratified	RS K_05	4
## 3213	Stratified_RS	Stratified	RS K_05	4
## 3214	Stratified_RS	Stratified	RS K_05	4
## 3215	Stratified_RS	Stratified	RS K_05	4
## 3216	Stratified_RS	Stratified	RS K_05	4
## 3217	Stratified_RS	Stratified	RS K_05	4
## 3218	Stratified_RS	Stratified	RS K_05	4
## 3219	Stratified_RS	Stratified	RS K_05	4
## 3220	Stratified_RS	Stratified	RS K_05	4
## 3221	Stratified_RS	Stratified	RS K_05	4
## 3222	Stratified_RS	Stratified	RS K_05	4
## 3223	Stratified_RS	Stratified	RS K_05	4
## 3224	Stratified_RS	Stratified	RS K_05	4
## 3225	Stratified_RS	Stratified	RS K_05	5
## 3226	Stratified_RS	Stratified	RS K_05	5
## 3227	Stratified_RS	Stratified	RS K_05	5
## 3228	Stratified_RS	Stratified	RS K_05	5
## 3229	Stratified_RS	Stratified	RS K_05	5
## 3230	Stratified_RS	Stratified	RS K_05	5
## 3231	Stratified_RS	Stratified	RS K_05	5
## 3232	Stratified_RS	Stratified	RS K_05	5
## 3233	Stratified_RS	Stratified	RS K_05	5
## 3234	Stratified_RS	Stratified	RS K_05	5
## 3235	Stratified_RS	Stratified	RS K_05	5
## 3236	Stratified_RS	Stratified	RS K_05	5

## 3237	Stratified_RS	Stratified	RS K_05	5
## 3238	Stratified_RS	Stratified	RS K_05	5
## 3239	Stratified_RS	Stratified	RS K_05	5
## 3240	Stratified_RS	Stratified	RS K_05	5
## 3241	Stratified_CS	Stratified	CS K_05	1
## 3242	Stratified_CS	Stratified	CS K_05	1
## 3243	Stratified_CS	Stratified	CS K_05	1
## 3244	Stratified_CS	Stratified	CS K_05	1
## 3245	Stratified_CS	Stratified	CS K_05	1
## 3246	Stratified_CS	Stratified	CS K_05	1
## 3247	Stratified_CS	Stratified	CS K_05	1
## 3248	Stratified_CS	Stratified	CS K_05	1
## 3249	Stratified_CS	Stratified	CS K_05	1
## 3250	Stratified_CS	Stratified	CS K_05	1
## 3251	Stratified_CS	Stratified	CS K_05	1
## 3252	Stratified_CS	Stratified	CS K_05	2
## 3253	Stratified_CS	Stratified	CS K_05	2
## 3254	Stratified_CS	Stratified	CS K_05	2
## 3255	Stratified_CS	Stratified	CS K_05	2
## 3256	Stratified_CS	Stratified	CS K_05	2
## 3257	Stratified_CS	Stratified	CS K_05	2
## 3258	Stratified_CS	Stratified	CS K_05	2
## 3259	Stratified_CS	Stratified	CS K_05	3
## 3260	Stratified_CS	Stratified	CS K_05	3
## 3261	Stratified_CS	Stratified	CS K_05	3
## 3262	Stratified_CS	Stratified	CS K_05	3
## 3263	Stratified_CS	Stratified	CS K_05	3

## 3264	Stratified_CS	Stratified	CS K_05	3
## 3265	Stratified_CS	Stratified	CS K_05	3
## 3266	Stratified_CS	Stratified	CS K_05	3
## 3267	Stratified_CS	Stratified	CS K_05	3
## 3268	Stratified_CS	Stratified	CS K_05	3
## 3269	Stratified_CS	Stratified	CS K_05	3
## 3270	Stratified_CS	Stratified	CS K_05	3
## 3271	Stratified_CS	Stratified	CS K_05	4
## 3272	Stratified_CS	Stratified	CS K_05	4
## 3273	Stratified_CS	Stratified	CS K_05	4
## 3274	Stratified_CS	Stratified	CS K_05	4
## 3275	Stratified_CS	Stratified	CS K_05	4
## 3276	Stratified_CS	Stratified	CS K_05	4
## 3277	Stratified_CS	Stratified	CS K_05	4
## 3278	Stratified_CS	Stratified	CS K_05	4
## 3279	Stratified_CS	Stratified	CS K_05	4
## 3280	Stratified_CS	Stratified	CS K_05	4
## 3281	Stratified_CS	Stratified	CS K_05	4
## 3282	Stratified_CS	Stratified	CS K_05	4
## 3283	Stratified_CS	Stratified	CS K_05	4
## 3284	Stratified_CS	Stratified	CS K_05	4
## 3285	Stratified_CS	Stratified	CS K_05	5
## 3286	Stratified_CS	Stratified	CS K_05	5
## 3287	Stratified_CS	Stratified	CS K_05	5
## 3288	Stratified_CS	Stratified	CS K_05	5
## 3289	Stratified_CS	Stratified	CS K_05	5
## 3290	Stratified_CS	Stratified	CS K_05	5

## 3291	Stratified_CS	Stratified	CS K_05	5
## 3292	Stratified_CS	Stratified	CS K_05	5
## 3293	Stratified_CS	Stratified	CS K_05	5
## 3294	Stratified_CS	Stratified	CS K_05	5
## 3295	Stratified_CS	Stratified	CS K_05	5
## 3296	Stratified_CS	Stratified	CS K_05	5
## 3297	Stratified_CS	Stratified	CS K_05	5
## 3298	Stratified_CS	Stratified	CS K_05	5
## 3299	Stratified_CS	Stratified	CS K_05	5
## 3300	Stratified_CS	Stratified	CS K_05	5
## 3301	Unstratified_RS	Unstratified	RS K_05	5
## 3302	Unstratified_RS	Unstratified	RS K_05	5
## 3303	Unstratified_RS	Unstratified	RS K_05	2
## 3304	Unstratified_RS	Unstratified	RS K_05	5
## 3305	Unstratified_RS	Unstratified	RS K_05	3
## 3306	Unstratified_RS	Unstratified	RS K_05	5
## 3307	Unstratified_RS	Unstratified	RS K_05	3
## 3308	Unstratified_RS	Unstratified	RS K_05	3
## 3309	Unstratified_RS	Unstratified	RS K_05	5
## 3310	Unstratified_RS	Unstratified	RS K_05	3
## 3311	Unstratified_RS	Unstratified	RS K_05	3
## 3312	Unstratified_RS	Unstratified	RS K_05	3
## 3313	Unstratified_RS	Unstratified	RS K_05	5
## 3314	Unstratified_RS	Unstratified	RS K_05	3
## 3315	Unstratified_RS	Unstratified	RS K_05	3
## 3316	Unstratified_RS	Unstratified	RS K_05	5
## 3317	Unstratified_RS	Unstratified	RS K_05	5

## 3318	Unstratified_RS	Unstratified	RS K_05	5
## 3319	Unstratified_RS	Unstratified	RS K_05	2
## 3320	Unstratified_RS	Unstratified	RS K_05	5
## 3321	Unstratified_RS	Unstratified	RS K_05	3
## 3322	Unstratified_RS	Unstratified	RS K_05	5
## 3323	Unstratified_RS	Unstratified	RS K_05	3
## 3324	Unstratified_RS	Unstratified	RS K_05	5
## 3325	Unstratified_RS	Unstratified	RS K_05	3
## 3326	Unstratified_RS	Unstratified	RS K_05	5
## 3327	Unstratified_RS	Unstratified	RS K_05	5
## 3328	Unstratified_RS	Unstratified	RS K_05	5
## 3329	Unstratified_RS	Unstratified	RS K_05	2
## 3330	Unstratified_RS	Unstratified	RS K_05	5
## 3331	Unstratified_RS	Unstratified	RS K_05	2
## 3332	Unstratified_RS	Unstratified	RS K_05	3
## 3333	Unstratified_RS	Unstratified	RS K_05	3
## 3334	Unstratified_RS	Unstratified	RS K_05	3
## 3335	Unstratified_RS	Unstratified	RS K_05	3
## 3336	Unstratified_RS	Unstratified	RS K_05	3
## 3337	Unstratified_RS	Unstratified	RS K_05	5
## 3338	Unstratified_RS	Unstratified	RS K_05	2
## 3339	Unstratified_RS	Unstratified	RS K_05	5
## 3340	Unstratified_RS	Unstratified	RS K_05	5
## 3341	Unstratified_RS	Unstratified	RS K_05	5
## 3342	Unstratified_RS	Unstratified	RS K_05	3
## 3343	Unstratified_RS	Unstratified	RS K_05	5
## 3344	Unstratified_RS	Unstratified	RS K_05	3

## 3345	Unstratified_RS	Unstratified	RS K_05	5
## 3346	Unstratified_RS	Unstratified	RS K_05	4
## 3347	Unstratified_RS	Unstratified	RS K_05	4
## 3348	Unstratified_RS	Unstratified	RS K_05	5
## 3349	Unstratified_RS	Unstratified	RS K_05	4
## 3350	Unstratified_RS	Unstratified	RS K_05	5
## 3351	Unstratified_RS	Unstratified	RS K_05	5
## 3352	Unstratified_RS	Unstratified	RS K_05	5
## 3353	Unstratified_RS	Unstratified	RS K_05	5
## 3354	Unstratified_RS	Unstratified	RS K_05	5
## 3355	Unstratified_RS	Unstratified	RS K_05	3
## 3356	Unstratified_RS	Unstratified	RS K_05	3
## 3357	Unstratified_RS	Unstratified	RS K_05	3
## 3358	Unstratified_RS	Unstratified	RS K_05	3
## 3359	Unstratified_RS	Unstratified	RS K_05	5
## 3360	Unstratified_RS	Unstratified	RS K_05	3
## 3361	Unstratified_CS	Unstratified	CS K_05	5
## 3362	Unstratified_CS	Unstratified	CS K_05	5
## 3363	Unstratified_CS	Unstratified	CS K_05	3
## 3364	Unstratified_CS	Unstratified	CS K_05	5
## 3365	Unstratified_CS	Unstratified	CS K_05	5
## 3366	Unstratified_CS	Unstratified	CS K_05	2
## 3367	Unstratified_CS	Unstratified	CS K_05	5
## 3368	Unstratified_CS	Unstratified	CS K_05	5
## 3369	Unstratified_CS	Unstratified	CS K_05	5
## 3370	Unstratified_CS	Unstratified	CS K_05	5
## 3371	Unstratified_CS	Unstratified	CS K_05	5

## 3372	Unstratified_CS	Unstratified	CS K_05	3
## 3373	Unstratified_CS	Unstratified	CS K_05	5
## 3374	Unstratified_CS	Unstratified	CS K_05	3
## 3375	Unstratified_CS	Unstratified	CS K_05	4
## 3376	Unstratified_CS	Unstratified	CS K_05	3
## 3377	Unstratified_CS	Unstratified	CS K_05	5
## 3378	Unstratified_CS	Unstratified	CS K_05	5
## 3379	Unstratified_CS	Unstratified	CS K_05	5
## 3380	Unstratified_CS	Unstratified	CS K_05	5
## 3381	Unstratified_CS	Unstratified	CS K_05	5
## 3382	Unstratified_CS	Unstratified	CS K_05	5
## 3383	Unstratified_CS	Unstratified	CS K_05	5
## 3384	Unstratified_CS	Unstratified	CS K_05	5
## 3385	Unstratified_CS	Unstratified	CS K_05	5
## 3386	Unstratified_CS	Unstratified	CS K_05	5
## 3387	Unstratified_CS	Unstratified	CS K_05	5
## 3388	Unstratified_CS	Unstratified	CS K_05	5
## 3389	Unstratified_CS	Unstratified	CS K_05	5
## 3390	Unstratified_CS	Unstratified	CS K_05	5
## 3391	Unstratified_CS	Unstratified	CS K_05	5
## 3392	Unstratified_CS	Unstratified	CS K_05	5
## 3393	Unstratified_CS	Unstratified	CS K_05	5
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## 3395	Unstratified_CS	Unstratified	CS K_05	5
## 3396	Unstratified_CS	Unstratified	CS K_05	2
## 3397	Unstratified_CS	Unstratified	CS K_05	5
## 3398	Unstratified_CS	Unstratified	CS K_05	5

## 3399	Unstratified_CS	Unstratified	CS K_05	5
## 3400	Unstratified_CS	Unstratified	CS K_05	5
## 3401	Unstratified_CS	Unstratified	CS K_05	3
## 3402	Unstratified_CS	Unstratified	CS K_05	5
## 3403	Unstratified_CS	Unstratified	CS K_05	5
## 3404	Unstratified_CS	Unstratified	CS K_05	5
## 3405	Unstratified_CS	Unstratified	CS K_05	5
## 3406	Unstratified_CS	Unstratified	CS K_05	5
## 3407	Unstratified_CS	Unstratified	CS K_05	5
## 3408	Unstratified_CS	Unstratified	CS K_05	5
## 3409	Unstratified_CS	Unstratified	CS K_05	2
## 3410	Unstratified_CS	Unstratified	CS K_05	5
## 3411	Unstratified_CS	Unstratified	CS K_05	2
## 3412	Unstratified_CS	Unstratified	CS K_05	3
## 3413	Unstratified_CS	Unstratified	CS K_05	3
## 3414	Unstratified_CS	Unstratified	CS K_05	3
## 3415	Unstratified_CS	Unstratified	CS K_05	5
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## 3417	Unstratified_CS	Unstratified	CS K_05	5
## 3418	Unstratified_CS	Unstratified	CS K_05	3
## 3419	Unstratified_CS	Unstratified	CS K_05	5
## 3420	Unstratified_CS	Unstratified	CS K_05	3
## 3421	Stratified_BS	Stratified	BS K_05	3
## 3422	Stratified_BS	Stratified	BS K_05	5
## 3423	Stratified_BS	Stratified	BS K_05	5
## 3424	Stratified_BS	Stratified	BS K_05	5
## 3425	Stratified_BS	Stratified	BS K_05	2

## 3426	Stratified_BS	Stratified	BS K_05	3
## 3427	Stratified_BS	Stratified	BS K_05	5
## 3428	Stratified_BS	Stratified	BS K_05	2
## 3429	Stratified_BS	Stratified	BS K_05	4
## 3430	Stratified_BS	Stratified	BS K_05	5
## 3431	Stratified_BS	Stratified	BS K_05	3
## 3432	Stratified_BS	Stratified	BS K_05	5
## 3433	Stratified_BS	Stratified	BS K_05	3
## 3434	Stratified_BS	Stratified	BS K_05	4
## 3435	Stratified_BS	Stratified	BS K_05	3
## 3436	Stratified_BS	Stratified	BS K_05	5
## 3437	Stratified_BS	Stratified	BS K_05	5
## 3438	Stratified_BS	Stratified	BS K_05	5
## 3439	Stratified_BS	Stratified	BS K_05	5
## 3440	Stratified_BS	Stratified	BS K_05	3
## 3441	Stratified_BS	Stratified	BS K_05	3
## 3442	Stratified_BS	Stratified	BS K_05	5
## 3443	Stratified_BS	Stratified	BS K_05	3
## 3444	Stratified_BS	Stratified	BS K_05	5
## 3445	Stratified_BS	Stratified	BS K_05	3
## 3446	Stratified_BS	Stratified	BS K_05	5
## 3447	Stratified_BS	Stratified	BS K_05	2
## 3448	Stratified_BS	Stratified	BS K_05	3
## 3449	Stratified_BS	Stratified	BS K_05	3
## 3450	Stratified_BS	Stratified	BS K_05	5
## 3451	Stratified_BS	Stratified	BS K_05	2
## 3452	Stratified_BS	Stratified	BS K_05	3

## 3453	Stratified_BS	Stratified	BS K_05	5
## 3454	Stratified_BS	Stratified	BS K_05	5
## 3455	Stratified_BS	Stratified	BS K_05	2
## 3456	Stratified_BS	Stratified	BS K_05	2
## 3457	Stratified_BS	Stratified	BS K_05	2
## 3458	Stratified_BS	Stratified	BS K_05	1
## 3459	Stratified_BS	Stratified	BS K_05	4
## 3460	Stratified_BS	Stratified	BS K_05	4
## 3461	Stratified_BS	Stratified	BS K_05	4
## 3462	Stratified_BS	Stratified	BS K_05	1
## 3463	Stratified_BS	Stratified	BS K_05	1
## 3464	Stratified_BS	Stratified	BS K_05	4
## 3465	Stratified_BS	Stratified	BS K_05	4
## 3466	Stratified_BS	Stratified	BS K_05	1
## 3467	Stratified_BS	Stratified	BS K_05	1
## 3468	Stratified_BS	Stratified	BS K_05	1
## 3469	Stratified_BS	Stratified	BS K_05	4
## 3470	Stratified_BS	Stratified	BS K_05	1
## 3471	Stratified_BS	Stratified	BS K_05	1
## 3472	Stratified_BS	Stratified	BS K_05	4
## 3473	Stratified_BS	Stratified	BS K_05	1
## 3474	Stratified_BS	Stratified	BS K_05	1
## 3475	Stratified_BS	Stratified	BS K_05	4
## 3476	Stratified_BS	Stratified	BS K_05	1
## 3477	Stratified_BS	Stratified	BS K_05	4
## 3478	Stratified_BS	Stratified	BS K_05	4
## 3479	Stratified_BS	Stratified	BS K_05	4

## 3480	Stratified_BS	Stratified	BS K_05	4
## 3481	Stratified_RS	Stratified	RS K_05	1
## 3482	Stratified_RS	Stratified	RS K_05	1
## 3483	Stratified_RS	Stratified	RS K_05	1
## 3484	Stratified_RS	Stratified	RS K_05	1
## 3485	Stratified_RS	Stratified	RS K_05	1
## 3486	Stratified_RS	Stratified	RS K_05	1
## 3487	Stratified_RS	Stratified	RS K_05	1
## 3488	Stratified_RS	Stratified	RS K_05	1
## 3489	Stratified_RS	Stratified	RS K_05	1
## 3490	Stratified_RS	Stratified	RS K_05	1
## 3491	Stratified_RS	Stratified	RS K_05	1
## 3492	Stratified_RS	Stratified	RS K_05	2
## 3493	Stratified_RS	Stratified	RS K_05	2
## 3494	Stratified_RS	Stratified	RS K_05	2
## 3495	Stratified_RS	Stratified	RS K_05	2
## 3496	Stratified_RS	Stratified	RS K_05	2
## 3497	Stratified_RS	Stratified	RS K_05	2
## 3498	Stratified_RS	Stratified	RS K_05	2
## 3499	Stratified_RS	Stratified	RS K_05	3
## 3500	Stratified_RS	Stratified	RS K_05	3
## 3501	Stratified_RS	Stratified	RS K_05	3
## 3502	Stratified_RS	Stratified	RS K_05	3
## 3503	Stratified_RS	Stratified	RS K_05	3
## 3504	Stratified_RS	Stratified	RS K_05	3
## 3505	Stratified_RS	Stratified	RS K_05	3
## 3506	Stratified_RS	Stratified	RS K_05	3

## 3507	Stratified_RS	Stratified	RS K_05	3
## 3508	Stratified_RS	Stratified	RS K_05	3
## 3509	Stratified_RS	Stratified	RS K_05	3
## 3510	Stratified_RS	Stratified	RS K_05	3
## 3511	Stratified_RS	Stratified	RS K_05	4
## 3512	Stratified_RS	Stratified	RS K_05	4
## 3513	Stratified_RS	Stratified	RS K_05	4
## 3514	Stratified_RS	Stratified	RS K_05	4
## 3515	Stratified_RS	Stratified	RS K_05	4
## 3516	Stratified_RS	Stratified	RS K_05	4
## 3517	Stratified_RS	Stratified	RS K_05	4
## 3518	Stratified_RS	Stratified	RS K_05	4
## 3519	Stratified_RS	Stratified	RS K_05	4
## 3520	Stratified_RS	Stratified	RS K_05	4
## 3521	Stratified_RS	Stratified	RS K_05	4
## 3522	Stratified_RS	Stratified	RS K_05	4
## 3523	Stratified_RS	Stratified	RS K_05	4
## 3524	Stratified_RS	Stratified	RS K_05	4
## 3525	Stratified_RS	Stratified	RS K_05	5
## 3526	Stratified_RS	Stratified	RS K_05	5
## 3527	Stratified_RS	Stratified	RS K_05	5
## 3528	Stratified_RS	Stratified	RS K_05	5
## 3529	Stratified_RS	Stratified	RS K_05	5
## 3530	Stratified_RS	Stratified	RS K_05	5
## 3531	Stratified_RS	Stratified	RS K_05	5
## 3532	Stratified_RS	Stratified	RS K_05	5
## 3533	Stratified_RS	Stratified	RS K_05	5

## 3534	Stratified_RS	Stratified	RS K_05	5
## 3535	Stratified_RS	Stratified	RS K_05	5
## 3536	Stratified_RS	Stratified	RS K_05	5
## 3537	Stratified_RS	Stratified	RS K_05	5
## 3538	Stratified_RS	Stratified	RS K_05	5
## 3539	Stratified_RS	Stratified	RS K_05	5
## 3540	Stratified_RS	Stratified	RS K_05	5
## 3541	Stratified_CS	Stratified	CS K_05	1
## 3542	Stratified_CS	Stratified	CS K_05	1
## 3543	Stratified_CS	Stratified	CS K_05	1
## 3544	Stratified_CS	Stratified	CS K_05	1
## 3545	Stratified_CS	Stratified	CS K_05	1
## 3546	Stratified_CS	Stratified	CS K_05	1
## 3547	Stratified_CS	Stratified	CS K_05	1
## 3548	Stratified_CS	Stratified	CS K_05	1
## 3549	Stratified_CS	Stratified	CS K_05	1
## 3550	Stratified_CS	Stratified	CS K_05	1
## 3551	Stratified_CS	Stratified	CS K_05	1
## 3552	Stratified_CS	Stratified	CS K_05	2
## 3553	Stratified_CS	Stratified	CS K_05	2
## 3554	Stratified_CS	Stratified	CS K_05	2
## 3555	Stratified_CS	Stratified	CS K_05	2
## 3556	Stratified_CS	Stratified	CS K_05	2
## 3557	Stratified_CS	Stratified	CS K_05	2
## 3558	Stratified_CS	Stratified	CS K_05	2
## 3559	Stratified_CS	Stratified	CS K_05	3
## 3560	Stratified_CS	Stratified	CS K_05	3

## 3561	Stratified_CS	Stratified	CS K_05	3
## 3562	Stratified_CS	Stratified	CS K_05	3
## 3563	Stratified_CS	Stratified	CS K_05	3
## 3564	Stratified_CS	Stratified	CS K_05	3
## 3565	Stratified_CS	Stratified	CS K_05	3
## 3566	Stratified_CS	Stratified	CS K_05	3
## 3567	Stratified_CS	Stratified	CS K_05	3
## 3568	Stratified_CS	Stratified	CS K_05	3
## 3569	Stratified_CS	Stratified	CS K_05	3
## 3570	Stratified_CS	Stratified	CS K_05	3
## 3571	Stratified_CS	Stratified	CS K_05	4
## 3572	Stratified_CS	Stratified	CS K_05	4
## 3573	Stratified_CS	Stratified	CS K_05	4
## 3574	Stratified_CS	Stratified	CS K_05	4
## 3575	Stratified_CS	Stratified	CS K_05	4
## 3576	Stratified_CS	Stratified	CS K_05	4
## 3577	Stratified_CS	Stratified	CS K_05	4
## 3578	Stratified_CS	Stratified	CS K_05	4
## 3579	Stratified_CS	Stratified	CS K_05	4
## 3580	Stratified_CS	Stratified	CS K_05	4
## 3581	Stratified_CS	Stratified	CS K_05	4
## 3582	Stratified_CS	Stratified	CS K_05	4
## 3583	Stratified_CS	Stratified	CS K_05	4
## 3584	Stratified_CS	Stratified	CS K_05	4
## 3585	Stratified_CS	Stratified	CS K_05	5
## 3586	Stratified_CS	Stratified	CS K_05	5
## 3587	Stratified_CS	Stratified	CS K_05	5

## 3588	Stratified_CS	Stratified	CS K_05	5
## 3589	Stratified_CS	Stratified	CS K_05	5
## 3590	Stratified_CS	Stratified	CS K_05	5
## 3591	Stratified_CS	Stratified	CS K_05	5
## 3592	Stratified_CS	Stratified	CS K_05	5
## 3593	Stratified_CS	Stratified	CS K_05	5
## 3594	Stratified_CS	Stratified	CS K_05	5
## 3595	Stratified_CS	Stratified	CS K_05	5
## 3596	Stratified_CS	Stratified	CS K_05	5
## 3597	Stratified_CS	Stratified	CS K_05	5
## 3598	Stratified_CS	Stratified	CS K_05	5
## 3599	Stratified_CS	Stratified	CS K_05	5
## 3600	Stratified_CS	Stratified	CS K_05	5
## 3601	Unstratified_RS	Unstratified	RS K_05	4
## 3602	Unstratified_RS	Unstratified	RS K_05	5
## 3603	Unstratified_RS	Unstratified	RS K_05	5
## 3604	Unstratified_RS	Unstratified	RS K_05	5
## 3605	Unstratified_RS	Unstratified	RS K_05	5
## 3606	Unstratified_RS	Unstratified	RS K_05	5
## 3607	Unstratified_RS	Unstratified	RS K_05	5
## 3608	Unstratified_RS	Unstratified	RS K_05	1
## 3609	Unstratified_RS	Unstratified	RS K_05	5
## 3610	Unstratified_RS	Unstratified	RS K_05	5
## 3611	Unstratified_RS	Unstratified	RS K_05	5
## 3612	Unstratified_RS	Unstratified	RS K_05	1
## 3613	Unstratified_RS	Unstratified	RS K_05	3
## 3614	Unstratified_RS	Unstratified	RS K_05	5

## 3615	Unstratified_RS	Unstratified	RS K_05	3
## 3616	Unstratified_RS	Unstratified	RS K_05	3
## 3617	Unstratified_RS	Unstratified	RS K_05	5
## 3618	Unstratified_RS	Unstratified	RS K_05	1
## 3619	Unstratified_RS	Unstratified	RS K_05	5
## 3620	Unstratified_RS	Unstratified	RS K_05	5
## 3621	Unstratified_RS	Unstratified	RS K_05	2
## 3622	Unstratified_RS	Unstratified	RS K_05	3
## 3623	Unstratified_RS	Unstratified	RS K_05	3
## 3624	Unstratified_RS	Unstratified	RS K_05	5
## 3625	Unstratified_RS	Unstratified	RS K_05	5
## 3626	Unstratified_RS	Unstratified	RS K_05	5
## 3627	Unstratified_RS	Unstratified	RS K_05	1
## 3628	Unstratified_RS	Unstratified	RS K_05	3
## 3629	Unstratified_RS	Unstratified	RS K_05	2
## 3630	Unstratified_RS	Unstratified	RS K_05	3
## 3631	Unstratified_RS	Unstratified	RS K_05	5
## 3632	Unstratified_RS	Unstratified	RS K_05	5
## 3633	Unstratified_RS	Unstratified	RS K_05	5
## 3634	Unstratified_RS	Unstratified	RS K_05	5
## 3635	Unstratified_RS	Unstratified	RS K_05	2
## 3636	Unstratified_RS	Unstratified	RS K_05	5
## 3637	Unstratified_RS	Unstratified	RS K_05	3
## 3638	Unstratified_RS	Unstratified	RS K_05	3
## 3639	Unstratified_RS	Unstratified	RS K_05	5
## 3640	Unstratified_RS	Unstratified	RS K_05	3
## 3641	Unstratified_RS	Unstratified	RS K_05	5

## 3642	Unstratified_RS	Unstratified	RS K_05	4
## 3643	Unstratified_RS	Unstratified	RS K_05	3
## 3644	Unstratified_RS	Unstratified	RS K_05	5
## 3645	Unstratified_RS	Unstratified	RS K_05	5
## 3646	Unstratified_RS	Unstratified	RS K_05	5
## 3647	Unstratified_RS	Unstratified	RS K_05	3
## 3648	Unstratified_RS	Unstratified	RS K_05	5
## 3649	Unstratified_RS	Unstratified	RS K_05	2
## 3650	Unstratified_RS	Unstratified	RS K_05	3
## 3651	Unstratified_RS	Unstratified	RS K_05	3
## 3652	Unstratified_RS	Unstratified	RS K_05	3
## 3653	Unstratified_RS	Unstratified	RS K_05	2
## 3654	Unstratified_RS	Unstratified	RS K_05	5
## 3655	Unstratified_RS	Unstratified	RS K_05	5
## 3656	Unstratified_RS	Unstratified	RS K_05	4
## 3657	Unstratified_RS	Unstratified	RS K_05	5
## 3658	Unstratified_RS	Unstratified	RS K_05	2
## 3659	Unstratified_RS	Unstratified	RS K_05	5
## 3660	Unstratified_RS	Unstratified	RS K_05	5
## 3661	Unstratified_CS	Unstratified	CS K_05	3
## 3662	Unstratified_CS	Unstratified	CS K_05	5
## 3663	Unstratified_CS	Unstratified	CS K_05	5
## 3664	Unstratified_CS	Unstratified	CS K_05	3
## 3665	Unstratified_CS	Unstratified	CS K_05	5
## 3666	Unstratified_CS	Unstratified	CS K_05	5
## 3667	Unstratified_CS	Unstratified	CS K_05	5
## 3668	Unstratified_CS	Unstratified	CS K_05	5

## 3669	Unstratified_CS	Unstratified	CS K_05	5
## 3670	Unstratified_CS	Unstratified	CS K_05	5
## 3671	Unstratified_CS	Unstratified	CS K_05	5
## 3672	Unstratified_CS	Unstratified	CS K_05	5
## 3673	Unstratified_CS	Unstratified	CS K_05	5
## 3674	Unstratified_CS	Unstratified	CS K_05	5
## 3675	Unstratified_CS	Unstratified	CS K_05	5
## 3676	Unstratified_CS	Unstratified	CS K_05	3
## 3677	Unstratified_CS	Unstratified	CS K_05	5
## 3678	Unstratified_CS	Unstratified	CS K_05	5
## 3679	Unstratified_CS	Unstratified	CS K_05	5
## 3680	Unstratified_CS	Unstratified	CS K_05	5
## 3681	Unstratified_CS	Unstratified	CS K_05	5
## 3682	Unstratified_CS	Unstratified	CS K_05	5
## 3683	Unstratified_CS	Unstratified	CS K_05	5
## 3684	Unstratified_CS	Unstratified	CS K_05	5
## 3685	Unstratified_CS	Unstratified	CS K_05	5
## 3686	Unstratified_CS	Unstratified	CS K_05	5
## 3687	Unstratified_CS	Unstratified	CS K_05	5
## 3688	Unstratified_CS	Unstratified	CS K_05	3
## 3689	Unstratified_CS	Unstratified	CS K_05	3
## 3690	Unstratified_CS	Unstratified	CS K_05	5
## 3691	Unstratified_CS	Unstratified	CS K_05	3
## 3692	Unstratified_CS	Unstratified	CS K_05	2
## 3693	Unstratified_CS	Unstratified	CS K_05	3
## 3694	Unstratified_CS	Unstratified	CS K_05	3
## 3695	Unstratified_CS	Unstratified	CS K_05	5

## 3696	Unstratified_CS	Unstratified	CS K_05	3
## 3697	Unstratified_CS	Unstratified	CS K_05	5
## 3698	Unstratified_CS	Unstratified	CS K_05	3
## 3699	Unstratified_CS	Unstratified	CS K_05	5
## 3700	Unstratified_CS	Unstratified	CS K_05	5
## 3701	Unstratified_CS	Unstratified	CS K_05	5
## 3702	Unstratified_CS	Unstratified	CS K_05	3
## 3703	Unstratified_CS	Unstratified	CS K_05	2
## 3704	Unstratified_CS	Unstratified	CS K_05	5
## 3705	Unstratified_CS	Unstratified	CS K_05	5
## 3706	Unstratified_CS	Unstratified	CS K_05	5
## 3707	Unstratified_CS	Unstratified	CS K_05	5
## 3708	Unstratified_CS	Unstratified	CS K_05	2
## 3709	Unstratified_CS	Unstratified	CS K_05	5
## 3710	Unstratified_CS	Unstratified	CS K_05	3
## 3711	Unstratified_CS	Unstratified	CS K_05	1
## 3712	Unstratified_CS	Unstratified	CS K_05	5
## 3713	Unstratified_CS	Unstratified	CS K_05	5
## 3714	Unstratified_CS	Unstratified	CS K_05	5
## 3715	Unstratified_CS	Unstratified	CS K_05	5
## 3716	Unstratified_CS	Unstratified	CS K_05	5
## 3717	Unstratified_CS	Unstratified	CS K_05	5
## 3718	Unstratified_CS	Unstratified	CS K_05	3
## 3719	Unstratified_CS	Unstratified	CS K_05	2
## 3720	Unstratified_CS	Unstratified	CS K_05	3
## 3721	Stratified_BS	Stratified	BS K_05	1
## 3722	Stratified_BS	Stratified	BS K_05	3

## 3723	Stratified_BS	Stratified	BS K_05	5
## 3724	Stratified_BS	Stratified	BS K_05	3
## 3725	Stratified_BS	Stratified	BS K_05	5
## 3726	Stratified_BS	Stratified	BS K_05	4
## 3727	Stratified_BS	Stratified	BS K_05	5
## 3728	Stratified_BS	Stratified	BS K_05	2
## 3729	Stratified_BS	Stratified	BS K_05	5
## 3730	Stratified_BS	Stratified	BS K_05	2
## 3731	Stratified_BS	Stratified	BS K_05	4
## 3732	Stratified_BS	Stratified	BS K_05	5
## 3733	Stratified_BS	Stratified	BS K_05	3
## 3734	Stratified_BS	Stratified	BS K_05	5
## 3735	Stratified_BS	Stratified	BS K_05	2
## 3736	Stratified_BS	Stratified	BS K_05	5
## 3737	Stratified_BS	Stratified	BS K_05	2
## 3738	Stratified_BS	Stratified	BS K_05	2
## 3739	Stratified_BS	Stratified	BS K_05	5
## 3740	Stratified_BS	Stratified	BS K_05	3
## 3741	Stratified_BS	Stratified	BS K_05	5
## 3742	Stratified_BS	Stratified	BS K_05	2
## 3743	Stratified_BS	Stratified	BS K_05	3
## 3744	Stratified_BS	Stratified	BS K_05	3
## 3745	Stratified_BS	Stratified	BS K_05	3
## 3746	Stratified_BS	Stratified	BS K_05	5
## 3747	Stratified_BS	Stratified	BS K_05	3
## 3748	Stratified_BS	Stratified	BS K_05	5
## 3749	Stratified_BS	Stratified	BS K_05	3

## 3750	Stratified_BS	Stratified	BS K_05	5
## 3751	Stratified_BS	Stratified	BS K_05	3
## 3752	Stratified_BS	Stratified	BS K_05	5
## 3753	Stratified_BS	Stratified	BS K_05	2
## 3754	Stratified_BS	Stratified	BS K_05	3
## 3755	Stratified_BS	Stratified	BS K_05	5
## 3756	Stratified_BS	Stratified	BS K_05	5
## 3757	Stratified_BS	Stratified	BS K_05	5
## 3758	Stratified_BS	Stratified	BS K_05	3
## 3759	Stratified_BS	Stratified	BS K_05	1
## 3760	Stratified_BS	Stratified	BS K_05	4
## 3761	Stratified_BS	Stratified	BS K_05	1
## 3762	Stratified_BS	Stratified	BS K_05	1
## 3763	Stratified_BS	Stratified	BS K_05	4
## 3764	Stratified_BS	Stratified	BS K_05	4
## 3765	Stratified_BS	Stratified	BS K_05	1
## 3766	Stratified_BS	Stratified	BS K_05	4
## 3767	Stratified_BS	Stratified	BS K_05	4
## 3768	Stratified_BS	Stratified	BS K_05	4
## 3769	Stratified_BS	Stratified	BS K_05	1
## 3770	Stratified_BS	Stratified	BS K_05	1
## 3771	Stratified_BS	Stratified	BS K_05	4
## 3772	Stratified_BS	Stratified	BS K_05	1
## 3773	Stratified_BS	Stratified	BS K_05	4
## 3774	Stratified_BS	Stratified	BS K_05	4
## 3775	Stratified_BS	Stratified	BS K_05	4
## 3776	Stratified_BS	Stratified	BS K_05	1

## 3777	Stratified_BS	Stratified	BS K_05	4
## 3778	Stratified_BS	Stratified	BS K_05	4
## 3779	Stratified_BS	Stratified	BS K_05	1
## 3780	Stratified_BS	Stratified	BS K_05	1
## 3781	Stratified_RS	Stratified	RS K_05	1
## 3782	Stratified_RS	Stratified	RS K_05	1
## 3783	Stratified_RS	Stratified	RS K_05	1
## 3784	Stratified_RS	Stratified	RS K_05	1
## 3785	Stratified_RS	Stratified	RS K_05	1
## 3786	Stratified_RS	Stratified	RS K_05	1
## 3787	Stratified_RS	Stratified	RS K_05	1
## 3788	Stratified_RS	Stratified	RS K_05	1
## 3789	Stratified_RS	Stratified	RS K_05	1
## 3790	Stratified_RS	Stratified	RS K_05	1
## 3791	Stratified_RS	Stratified	RS K_05	1
## 3792	Stratified_RS	Stratified	RS K_05	2
## 3793	Stratified_RS	Stratified	RS K_05	2
## 3794	Stratified_RS	Stratified	RS K_05	2
## 3795	Stratified_RS	Stratified	RS K_05	2
## 3796	Stratified_RS	Stratified	RS K_05	2
## 3797	Stratified_RS	Stratified	RS K_05	2
## 3798	Stratified_RS	Stratified	RS K_05	2
## 3799	Stratified_RS	Stratified	RS K_05	3
## 3800	Stratified_RS	Stratified	RS K_05	3
## 3801	Stratified_RS	Stratified	RS K_05	3
## 3802	Stratified_RS	Stratified	RS K_05	3
## 3803	Stratified_RS	Stratified	RS K_05	3

## 3804	Stratified_RS	Stratified	RS K_05	3
## 3805	Stratified_RS	Stratified	RS K_05	3
## 3806	Stratified_RS	Stratified	RS K_05	3
## 3807	Stratified_RS	Stratified	RS K_05	3
## 3808	Stratified_RS	Stratified	RS K_05	3
## 3809	Stratified_RS	Stratified	RS K_05	3
## 3810	Stratified_RS	Stratified	RS K_05	3
## 3811	Stratified_RS	Stratified	RS K_05	4
## 3812	Stratified_RS	Stratified	RS K_05	4
## 3813	Stratified_RS	Stratified	RS K_05	4
## 3814	Stratified_RS	Stratified	RS K_05	4
## 3815	Stratified_RS	Stratified	RS K_05	4
## 3816	Stratified_RS	Stratified	RS K_05	4
## 3817	Stratified_RS	Stratified	RS K_05	4
## 3818	Stratified_RS	Stratified	RS K_05	4
## 3819	Stratified_RS	Stratified	RS K_05	4
## 3820	Stratified_RS	Stratified	RS K_05	4
## 3821	Stratified_RS	Stratified	RS K_05	4
## 3822	Stratified_RS	Stratified	RS K_05	4
## 3823	Stratified_RS	Stratified	RS K_05	4
## 3824	Stratified_RS	Stratified	RS K_05	4
## 3825	Stratified_RS	Stratified	RS K_05	5
## 3826	Stratified_RS	Stratified	RS K_05	5
## 3827	Stratified_RS	Stratified	RS K_05	5
## 3828	Stratified_RS	Stratified	RS K_05	5
## 3829	Stratified_RS	Stratified	RS K_05	5
## 3830	Stratified_RS	Stratified	RS K_05	5

## 3831	Stratified_RS	Stratified	RS K_05	5
## 3832	Stratified_RS	Stratified	RS K_05	5
## 3833	Stratified_RS	Stratified	RS K_05	5
## 3834	Stratified_RS	Stratified	RS K_05	5
## 3835	Stratified_RS	Stratified	RS K_05	5
## 3836	Stratified_RS	Stratified	RS K_05	5
## 3837	Stratified_RS	Stratified	RS K_05	5
## 3838	Stratified_RS	Stratified	RS K_05	5
## 3839	Stratified_RS	Stratified	RS K_05	5
## 3840	Stratified_RS	Stratified	RS K_05	5
## 3841	Stratified_CS	Stratified	CS K_05	1
## 3842	Stratified_CS	Stratified	CS K_05	1
## 3843	Stratified_CS	Stratified	CS K_05	1
## 3844	Stratified_CS	Stratified	CS K_05	1
## 3845	Stratified_CS	Stratified	CS K_05	1
## 3846	Stratified_CS	Stratified	CS K_05	1
## 3847	Stratified_CS	Stratified	CS K_05	1
## 3848	Stratified_CS	Stratified	CS K_05	1
## 3849	Stratified_CS	Stratified	CS K_05	1
## 3850	Stratified_CS	Stratified	CS K_05	1
## 3851	Stratified_CS	Stratified	CS K_05	1
## 3852	Stratified_CS	Stratified	CS K_05	2
## 3853	Stratified_CS	Stratified	CS K_05	2
## 3854	Stratified_CS	Stratified	CS K_05	2
## 3855	Stratified_CS	Stratified	CS K_05	2
## 3856	Stratified_CS	Stratified	CS K_05	2
## 3857	Stratified_CS	Stratified	CS K_05	2

## 3858	Stratified_CS	Stratified	CS K_05	2
## 3859	Stratified_CS	Stratified	CS K_05	3
## 3860	Stratified_CS	Stratified	CS K_05	3
## 3861	Stratified_CS	Stratified	CS K_05	3
## 3862	Stratified_CS	Stratified	CS K_05	3
## 3863	Stratified_CS	Stratified	CS K_05	3
## 3864	Stratified_CS	Stratified	CS K_05	3
## 3865	Stratified_CS	Stratified	CS K_05	3
## 3866	Stratified_CS	Stratified	CS K_05	3
## 3867	Stratified_CS	Stratified	CS K_05	3
## 3868	Stratified_CS	Stratified	CS K_05	3
## 3869	Stratified_CS	Stratified	CS K_05	3
## 3870	Stratified_CS	Stratified	CS K_05	3
## 3871	Stratified_CS	Stratified	CS K_05	4
## 3872	Stratified_CS	Stratified	CS K_05	4
## 3873	Stratified_CS	Stratified	CS K_05	4
## 3874	Stratified_CS	Stratified	CS K_05	4
## 3875	Stratified_CS	Stratified	CS K_05	4
## 3876	Stratified_CS	Stratified	CS K_05	4
## 3877	Stratified_CS	Stratified	CS K_05	4
## 3878	Stratified_CS	Stratified	CS K_05	4
## 3879	Stratified_CS	Stratified	CS K_05	4
## 3880	Stratified_CS	Stratified	CS K_05	4
## 3881	Stratified_CS	Stratified	CS K_05	4
## 3882	Stratified_CS	Stratified	CS K_05	4
## 3883	Stratified_CS	Stratified	CS K_05	4
## 3884	Stratified_CS	Stratified	CS K_05	4

## 3885	Stratified_CS	Stratified	CS K_05	5
## 3886	Stratified_CS	Stratified	CS K_05	5
## 3887	Stratified_CS	Stratified	CS K_05	5
## 3888	Stratified_CS	Stratified	CS K_05	5
## 3889	Stratified_CS	Stratified	CS K_05	5
## 3890	Stratified_CS	Stratified	CS K_05	5
## 3891	Stratified_CS	Stratified	CS K_05	5
## 3892	Stratified_CS	Stratified	CS K_05	5
## 3893	Stratified_CS	Stratified	CS K_05	5
## 3894	Stratified_CS	Stratified	CS K_05	5
## 3895	Stratified_CS	Stratified	CS K_05	5
## 3896	Stratified_CS	Stratified	CS K_05	5
## 3897	Stratified_CS	Stratified	CS K_05	5
## 3898	Stratified_CS	Stratified	CS K_05	5
## 3899	Stratified_CS	Stratified	CS K_05	5
## 3900	Stratified_CS	Stratified	CS K_05	5
## 3901	Unstratified_RS	Unstratified	RS K_05	5
## 3902	Unstratified_RS	Unstratified	RS K_05	4
## 3903	Unstratified_RS	Unstratified	RS K_05	4
## 3904	Unstratified_RS	Unstratified	RS K_05	3
## 3905	Unstratified_RS	Unstratified	RS K_05	4
## 3906	Unstratified_RS	Unstratified	RS K_05	5
## 3907	Unstratified_RS	Unstratified	RS K_05	5
## 3908	Unstratified_RS	Unstratified	RS K_05	4
## 3909	Unstratified_RS	Unstratified	RS K_05	1
## 3910	Unstratified_RS	Unstratified	RS K_05	2
## 3911	Unstratified_RS	Unstratified	RS K_05	5

## 3912	Unstratified_RS	Unstratified	RS K_05	1
## 3913	Unstratified_RS	Unstratified	RS K_05	4
## 3914	Unstratified_RS	Unstratified	RS K_05	5
## 3915	Unstratified_RS	Unstratified	RS K_05	5
## 3916	Unstratified_RS	Unstratified	RS K_05	1
## 3917	Unstratified_RS	Unstratified	RS K_05	5
## 3918	Unstratified_RS	Unstratified	RS K_05	1
## 3919	Unstratified_RS	Unstratified	RS K_05	3
## 3920	Unstratified_RS	Unstratified	RS K_05	4
## 3921	Unstratified_RS	Unstratified	RS K_05	3
## 3922	Unstratified_RS	Unstratified	RS K_05	5
## 3923	Unstratified_RS	Unstratified	RS K_05	5
## 3924	Unstratified_RS	Unstratified	RS K_05	3
## 3925	Unstratified_RS	Unstratified	RS K_05	3
## 3926	Unstratified_RS	Unstratified	RS K_05	3
## 3927	Unstratified_RS	Unstratified	RS K_05	5
## 3928	Unstratified_RS	Unstratified	RS K_05	2
## 3929	Unstratified_RS	Unstratified	RS K_05	5
## 3930	Unstratified_RS	Unstratified	RS K_05	5
## 3931	Unstratified_RS	Unstratified	RS K_05	5
## 3932	Unstratified_RS	Unstratified	RS K_05	3
## 3933	Unstratified_RS	Unstratified	RS K_05	3
## 3934	Unstratified_RS	Unstratified	RS K_05	3
## 3935	Unstratified_RS	Unstratified	RS K_05	5
## 3936	Unstratified_RS	Unstratified	RS K_05	5
## 3937	Unstratified_RS	Unstratified	RS K_05	3
## 3938	Unstratified_RS	Unstratified	RS K_05	5

## 3939	Unstratified_RS	Unstratified	RS K_05	5
## 3940	Unstratified_RS	Unstratified	RS K_05	4
## 3941	Unstratified_RS	Unstratified	RS K_05	3
## 3942	Unstratified_RS	Unstratified	RS K_05	5
## 3943	Unstratified_RS	Unstratified	RS K_05	1
## 3944	Unstratified_RS	Unstratified	RS K_05	3
## 3945	Unstratified_RS	Unstratified	RS K_05	5
## 3946	Unstratified_RS	Unstratified	RS K_05	3
## 3947	Unstratified_RS	Unstratified	RS K_05	5
## 3948	Unstratified_RS	Unstratified	RS K_05	5
## 3949	Unstratified_RS	Unstratified	RS K_05	5
## 3950	Unstratified_RS	Unstratified	RS K_05	3
## 3951	Unstratified_RS	Unstratified	RS K_05	3
## 3952	Unstratified_RS	Unstratified	RS K_05	5
## 3953	Unstratified_RS	Unstratified	RS K_05	2
## 3954	Unstratified_RS	Unstratified	RS K_05	4
## 3955	Unstratified_RS	Unstratified	RS K_05	3
## 3956	Unstratified_RS	Unstratified	RS K_05	3
## 3957	Unstratified_RS	Unstratified	RS K_05	4
## 3958	Unstratified_RS	Unstratified	RS K_05	3
## 3959	Unstratified_RS	Unstratified	RS K_05	3
## 3960	Unstratified_RS	Unstratified	RS K_05	5
## 3961	Unstratified_CS	Unstratified	CS K_05	3
## 3962	Unstratified_CS	Unstratified	CS K_05	2
## 3963	Unstratified_CS	Unstratified	CS K_05	5
## 3964	Unstratified_CS	Unstratified	CS K_05	5
## 3965	Unstratified_CS	Unstratified	CS K_05	4

## 3966	Unstratified_CS	Unstratified	CS K_05	5
## 3967	Unstratified_CS	Unstratified	CS K_05	5
## 3968	Unstratified_CS	Unstratified	CS K_05	3
## 3969	Unstratified_CS	Unstratified	CS K_05	5
## 3970	Unstratified_CS	Unstratified	CS K_05	5
## 3971	Unstratified_CS	Unstratified	CS K_05	5
## 3972	Unstratified_CS	Unstratified	CS K_05	5
## 3973	Unstratified_CS	Unstratified	CS K_05	1
## 3974	Unstratified_CS	Unstratified	CS K_05	3
## 3975	Unstratified_CS	Unstratified	CS K_05	3
## 3976	Unstratified_CS	Unstratified	CS K_05	5
## 3977	Unstratified_CS	Unstratified	CS K_05	5
## 3978	Unstratified_CS	Unstratified	CS K_05	3
## 3979	Unstratified_CS	Unstratified	CS K_05	5
## 3980	Unstratified_CS	Unstratified	CS K_05	5
## 3981	Unstratified_CS	Unstratified	CS K_05	3
## 3982	Unstratified_CS	Unstratified	CS K_05	3
## 3983	Unstratified_CS	Unstratified	CS K_05	5
## 3984	Unstratified_CS	Unstratified	CS K_05	5
## 3985	Unstratified_CS	Unstratified	CS K_05	2
## 3986	Unstratified_CS	Unstratified	CS K_05	5
## 3987	Unstratified_CS	Unstratified	CS K_05	3
## 3988	Unstratified_CS	Unstratified	CS K_05	5
## 3989	Unstratified_CS	Unstratified	CS K_05	1
## 3990	Unstratified_CS	Unstratified	CS K_05	5
## 3991	Unstratified_CS	Unstratified	CS K_05	1
## 3992	Unstratified_CS	Unstratified	CS K_05	3

## 3993	Unstratified_CS	Unstratified	CS K_05	5
## 3994	Unstratified_CS	Unstratified	CS K_05	5
## 3995	Unstratified_CS	Unstratified	CS K_05	5
## 3996	Unstratified_CS	Unstratified	CS K_05	5
## 3997	Unstratified_CS	Unstratified	CS K_05	1
## 3998	Unstratified_CS	Unstratified	CS K_05	5
## 3999	Unstratified_CS	Unstratified	CS K_05	4
## 4000	Unstratified_CS	Unstratified	CS K_05	5
## 4001	Unstratified_CS	Unstratified	CS K_05	3
## 4002	Unstratified_CS	Unstratified	CS K_05	1
## 4003	Unstratified_CS	Unstratified	CS K_05	3
## 4004	Unstratified_CS	Unstratified	CS K_05	5
## 4005	Unstratified_CS	Unstratified	CS K_05	5
## 4006	Unstratified_CS	Unstratified	CS K_05	3
## 4007	Unstratified_CS	Unstratified	CS K_05	5
## 4008	Unstratified_CS	Unstratified	CS K_05	5
## 4009	Unstratified_CS	Unstratified	CS K_05	5
## 4010	Unstratified_CS	Unstratified	CS K_05	5
## 4011	Unstratified_CS	Unstratified	CS K_05	5
## 4012	Unstratified_CS	Unstratified	CS K_05	5
## 4013	Unstratified_CS	Unstratified	CS K_05	5
## 4014	Unstratified_CS	Unstratified	CS K_05	3
## 4015	Unstratified_CS	Unstratified	CS K_05	2
## 4016	Unstratified_CS	Unstratified	CS K_05	1
## 4017	Unstratified_CS	Unstratified	CS K_05	5
## 4018	Unstratified_CS	Unstratified	CS K_05	3
## 4019	Unstratified_CS	Unstratified	CS K_05	5

## 4020	Unstratified_CS	Unstratified	CS K_05	5
## 4021	Stratified_BS	Stratified	BS K_05	2
## 4022	Stratified_BS	Stratified	BS K_05	3
## 4023	Stratified_BS	Stratified	BS K_05	5
## 4024	Stratified_BS	Stratified	BS K_05	2
## 4025	Stratified_BS	Stratified	BS K_05	5
## 4026	Stratified_BS	Stratified	BS K_05	3
## 4027	Stratified_BS	Stratified	BS K_05	5
## 4028	Stratified_BS	Stratified	BS K_05	2
## 4029	Stratified_BS	Stratified	BS K_05	3
## 4030	Stratified_BS	Stratified	BS K_05	5
## 4031	Stratified_BS	Stratified	BS K_05	2
## 4032	Stratified_BS	Stratified	BS K_05	3
## 4033	Stratified_BS	Stratified	BS K_05	5
## 4034	Stratified_BS	Stratified	BS K_05	2
## 4035	Stratified_BS	Stratified	BS K_05	3
## 4036	Stratified_BS	Stratified	BS K_05	5
## 4037	Stratified_BS	Stratified	BS K_05	5
## 4038	Stratified_BS	Stratified	BS K_05	1
## 4039	Stratified_BS	Stratified	BS K_05	3
## 4040	Stratified_BS	Stratified	BS K_05	5
## 4041	Stratified_BS	Stratified	BS K_05	1
## 4042	Stratified_BS	Stratified	BS K_05	5
## 4043	Stratified_BS	Stratified	BS K_05	1
## 4044	Stratified_BS	Stratified	BS K_05	5
## 4045	Stratified_BS	Stratified	BS K_05	2
## 4046	Stratified_BS	Stratified	BS K_05	5

## 4047	Stratified_BS	Stratified	BS K_05	2
## 4048	Stratified_BS	Stratified	BS K_05	3
## 4049	Stratified_BS	Stratified	BS K_05	5
## 4050	Stratified_BS	Stratified	BS K_05	3
## 4051	Stratified_BS	Stratified	BS K_05	5
## 4052	Stratified_BS	Stratified	BS K_05	1
## 4053	Stratified_BS	Stratified	BS K_05	3
## 4054	Stratified_BS	Stratified	BS K_05	3
## 4055	Stratified_BS	Stratified	BS K_05	4
## 4056	Stratified_BS	Stratified	BS K_05	5
## 4057	Stratified_BS	Stratified	BS K_05	5
## 4058	Stratified_BS	Stratified	BS K_05	1
## 4059	Stratified_BS	Stratified	BS K_05	5
## 4060	Stratified_BS	Stratified	BS K_05	4
## 4061	Stratified_BS	Stratified	BS K_05	3
## 4062	Stratified_BS	Stratified	BS K_05	1
## 4063	Stratified_BS	Stratified	BS K_05	4
## 4064	Stratified_BS	Stratified	BS K_05	3
## 4065	Stratified_BS	Stratified	BS K_05	1
## 4066	Stratified_BS	Stratified	BS K_05	4
## 4067	Stratified_BS	Stratified	BS K_05	4
## 4068	Stratified_BS	Stratified	BS K_05	4
## 4069	Stratified_BS	Stratified	BS K_05	1
## 4070	Stratified_BS	Stratified	BS K_05	4
## 4071	Stratified_BS	Stratified	BS K_05	1
## 4072	Stratified_BS	Stratified	BS K_05	1
## 4073	Stratified_BS	Stratified	BS K_05	4

## 4074	Stratified_BS	Stratified	BS K_05	4
## 4075	Stratified_BS	Stratified	BS K_05	1
## 4076	Stratified_BS	Stratified	BS K_05	4
## 4077	Stratified_BS	Stratified	BS K_05	4
## 4078	Stratified_BS	Stratified	BS K_05	4
## 4079	Stratified_BS	Stratified	BS K_05	4
## 4080	Stratified_BS	Stratified	BS K_05	4
## 4081	Stratified_RS	Stratified	RS K_05	1
## 4082	Stratified_RS	Stratified	RS K_05	1
## 4083	Stratified_RS	Stratified	RS K_05	1
## 4084	Stratified_RS	Stratified	RS K_05	1
## 4085	Stratified_RS	Stratified	RS K_05	1
## 4086	Stratified_RS	Stratified	RS K_05	1
## 4087	Stratified_RS	Stratified	RS K_05	1
## 4088	Stratified_RS	Stratified	RS K_05	1
## 4089	Stratified_RS	Stratified	RS K_05	1
## 4090	Stratified_RS	Stratified	RS K_05	1
## 4091	Stratified_RS	Stratified	RS K_05	1
## 4092	Stratified_RS	Stratified	RS K_05	2
## 4093	Stratified_RS	Stratified	RS K_05	2
## 4094	Stratified_RS	Stratified	RS K_05	2
## 4095	Stratified_RS	Stratified	RS K_05	2
## 4096	Stratified_RS	Stratified	RS K_05	2
## 4097	Stratified_RS	Stratified	RS K_05	2
## 4098	Stratified_RS	Stratified	RS K_05	2
## 4099	Stratified_RS	Stratified	RS K_05	3
## 4100	Stratified_RS	Stratified	RS K_05	3

## 4101	Stratified_RS	Stratified	RS K_05	3
## 4102	Stratified_RS	Stratified	RS K_05	3
## 4103	Stratified_RS	Stratified	RS K_05	3
## 4104	Stratified_RS	Stratified	RS K_05	3
## 4105	Stratified_RS	Stratified	RS K_05	3
## 4106	Stratified_RS	Stratified	RS K_05	3
## 4107	Stratified_RS	Stratified	RS K_05	3
## 4108	Stratified_RS	Stratified	RS K_05	3
## 4109	Stratified_RS	Stratified	RS K_05	3
## 4110	Stratified_RS	Stratified	RS K_05	3
## 4111	Stratified_RS	Stratified	RS K_05	4
## 4112	Stratified_RS	Stratified	RS K_05	4
## 4113	Stratified_RS	Stratified	RS K_05	4
## 4114	Stratified_RS	Stratified	RS K_05	4
## 4115	Stratified_RS	Stratified	RS K_05	4
## 4116	Stratified_RS	Stratified	RS K_05	4
## 4117	Stratified_RS	Stratified	RS K_05	4
## 4118	Stratified_RS	Stratified	RS K_05	4
## 4119	Stratified_RS	Stratified	RS K_05	4
## 4120	Stratified_RS	Stratified	RS K_05	4
## 4121	Stratified_RS	Stratified	RS K_05	4
## 4122	Stratified_RS	Stratified	RS K_05	4
## 4123	Stratified_RS	Stratified	RS K_05	4
## 4124	Stratified_RS	Stratified	RS K_05	4
## 4125	Stratified_RS	Stratified	RS K_05	5
## 4126	Stratified_RS	Stratified	RS K_05	5
## 4127	Stratified_RS	Stratified	RS K_05	5

## 4128	Stratified_RS	Stratified	RS K_05	5
## 4129	Stratified_RS	Stratified	RS K_05	5
## 4130	Stratified_RS	Stratified	RS K_05	5
## 4131	Stratified_RS	Stratified	RS K_05	5
## 4132	Stratified_RS	Stratified	RS K_05	5
## 4133	Stratified_RS	Stratified	RS K_05	5
## 4134	Stratified_RS	Stratified	RS K_05	5
## 4135	Stratified_RS	Stratified	RS K_05	5
## 4136	Stratified_RS	Stratified	RS K_05	5
## 4137	Stratified_RS	Stratified	RS K_05	5
## 4138	Stratified_RS	Stratified	RS K_05	5
## 4139	Stratified_RS	Stratified	RS K_05	5
## 4140	Stratified_RS	Stratified	RS K_05	5
## 4141	Stratified_CS	Stratified	CS K_05	1
## 4142	Stratified_CS	Stratified	CS K_05	1
## 4143	Stratified_CS	Stratified	CS K_05	1
## 4144	Stratified_CS	Stratified	CS K_05	1
## 4145	Stratified_CS	Stratified	CS K_05	1
## 4146	Stratified_CS	Stratified	CS K_05	1
## 4147	Stratified_CS	Stratified	CS K_05	1
## 4148	Stratified_CS	Stratified	CS K_05	1
## 4149	Stratified_CS	Stratified	CS K_05	1
## 4150	Stratified_CS	Stratified	CS K_05	1
## 4151	Stratified_CS	Stratified	CS K_05	1
## 4152	Stratified_CS	Stratified	CS K_05	2
## 4153	Stratified_CS	Stratified	CS K_05	2
## 4154	Stratified_CS	Stratified	CS K_05	2

## 4155	Stratified_CS	Stratified	CS K_05	2
## 4156	Stratified_CS	Stratified	CS K_05	2
## 4157	Stratified_CS	Stratified	CS K_05	2
## 4158	Stratified_CS	Stratified	CS K_05	2
## 4159	Stratified_CS	Stratified	CS K_05	3
## 4160	Stratified_CS	Stratified	CS K_05	3
## 4161	Stratified_CS	Stratified	CS K_05	3
## 4162	Stratified_CS	Stratified	CS K_05	3
## 4163	Stratified_CS	Stratified	CS K_05	3
## 4164	Stratified_CS	Stratified	CS K_05	3
## 4165	Stratified_CS	Stratified	CS K_05	3
## 4166	Stratified_CS	Stratified	CS K_05	3
## 4167	Stratified_CS	Stratified	CS K_05	3
## 4168	Stratified_CS	Stratified	CS K_05	3
## 4169	Stratified_CS	Stratified	CS K_05	3
## 4170	Stratified_CS	Stratified	CS K_05	3
## 4171	Stratified_CS	Stratified	CS K_05	4
## 4172	Stratified_CS	Stratified	CS K_05	4
## 4173	Stratified_CS	Stratified	CS K_05	4
## 4174	Stratified_CS	Stratified	CS K_05	4
## 4175	Stratified_CS	Stratified	CS K_05	4
## 4176	Stratified_CS	Stratified	CS K_05	4
## 4177	Stratified_CS	Stratified	CS K_05	4
## 4178	Stratified_CS	Stratified	CS K_05	4
## 4179	Stratified_CS	Stratified	CS K_05	4
## 4180	Stratified_CS	Stratified	CS K_05	4
## 4181	Stratified_CS	Stratified	CS K_05	4

## 4182	Stratified_CS	Stratified	CS K_05	4
## 4183	Stratified_CS	Stratified	CS K_05	4
## 4184	Stratified_CS	Stratified	CS K_05	4
## 4185	Stratified_CS	Stratified	CS K_05	5
## 4186	Stratified_CS	Stratified	CS K_05	5
## 4187	Stratified_CS	Stratified	CS K_05	5
## 4188	Stratified_CS	Stratified	CS K_05	5
## 4189	Stratified_CS	Stratified	CS K_05	5
## 4190	Stratified_CS	Stratified	CS K_05	5
## 4191	Stratified_CS	Stratified	CS K_05	5
## 4192	Stratified_CS	Stratified	CS K_05	5
## 4193	Stratified_CS	Stratified	CS K_05	5
## 4194	Stratified_CS	Stratified	CS K_05	5
## 4195	Stratified_CS	Stratified	CS K_05	5
## 4196	Stratified_CS	Stratified	CS K_05	5
## 4197	Stratified_CS	Stratified	CS K_05	5
## 4198	Stratified_CS	Stratified	CS K_05	5
## 4199	Stratified_CS	Stratified	CS K_05	5
## 4200	Stratified_CS	Stratified	CS K_05	5
## 4201	Unstratified_RS	Unstratified	RS K_05	5
## 4202	Unstratified_RS	Unstratified	RS K_05	5
## 4203	Unstratified_RS	Unstratified	RS K_05	4
## 4204	Unstratified_RS	Unstratified	RS K_05	4
## 4205	Unstratified_RS	Unstratified	RS K_05	5
## 4206	Unstratified_RS	Unstratified	RS K_05	3
## 4207	Unstratified_RS	Unstratified	RS K_05	2
## 4208	Unstratified_RS	Unstratified	RS K_05	1

## 4209	Unstratified_RS	Unstratified	RS K_05	2
## 4210	Unstratified_RS	Unstratified	RS K_05	3
## 4211	Unstratified_RS	Unstratified	RS K_05	5
## 4212	Unstratified_RS	Unstratified	RS K_05	3
## 4213	Unstratified_RS	Unstratified	RS K_05	4
## 4214	Unstratified_RS	Unstratified	RS K_05	4
## 4215	Unstratified_RS	Unstratified	RS K_05	5
## 4216	Unstratified_RS	Unstratified	RS K_05	1
## 4217	Unstratified_RS	Unstratified	RS K_05	5
## 4218	Unstratified_RS	Unstratified	RS K_05	5
## 4219	Unstratified_RS	Unstratified	RS K_05	3
## 4220	Unstratified_RS	Unstratified	RS K_05	4
## 4221	Unstratified_RS	Unstratified	RS K_05	3
## 4222	Unstratified_RS	Unstratified	RS K_05	3
## 4223	Unstratified_RS	Unstratified	RS K_05	4
## 4224	Unstratified_RS	Unstratified	RS K_05	1
## 4225	Unstratified_RS	Unstratified	RS K_05	5
## 4226	Unstratified_RS	Unstratified	RS K_05	1
## 4227	Unstratified_RS	Unstratified	RS K_05	5
## 4228	Unstratified_RS	Unstratified	RS K_05	2
## 4229	Unstratified_RS	Unstratified	RS K_05	5
## 4230	Unstratified_RS	Unstratified	RS K_05	3
## 4231	Unstratified_RS	Unstratified	RS K_05	2
## 4232	Unstratified_RS	Unstratified	RS K_05	5
## 4233	Unstratified_RS	Unstratified	RS K_05	5
## 4234	Unstratified_RS	Unstratified	RS K_05	5
## 4235	Unstratified_RS	Unstratified	RS K_05	2

## 4236	Unstratified_RS	Unstratified	RS K_05	5
## 4237	Unstratified_RS	Unstratified	RS K_05	2
## 4238	Unstratified_RS	Unstratified	RS K_05	5
## 4239	Unstratified_RS	Unstratified	RS K_05	5
## 4240	Unstratified_RS	Unstratified	RS K_05	3
## 4241	Unstratified_RS	Unstratified	RS K_05	5
## 4242	Unstratified_RS	Unstratified	RS K_05	5
## 4243	Unstratified_RS	Unstratified	RS K_05	1
## 4244	Unstratified_RS	Unstratified	RS K_05	3
## 4245	Unstratified_RS	Unstratified	RS K_05	5
## 4246	Unstratified_RS	Unstratified	RS K_05	3
## 4247	Unstratified_RS	Unstratified	RS K_05	5
## 4248	Unstratified_RS	Unstratified	RS K_05	3
## 4249	Unstratified_RS	Unstratified	RS K_05	4
## 4250	Unstratified_RS	Unstratified	RS K_05	5
## 4251	Unstratified_RS	Unstratified	RS K_05	5
## 4252	Unstratified_RS	Unstratified	RS K_05	3
## 4253	Unstratified_RS	Unstratified	RS K_05	4
## 4254	Unstratified_RS	Unstratified	RS K_05	5
## 4255	Unstratified_RS	Unstratified	RS K_05	5
## 4256	Unstratified_RS	Unstratified	RS K_05	3
## 4257	Unstratified_RS	Unstratified	RS K_05	3
## 4258	Unstratified_RS	Unstratified	RS K_05	4
## 4259	Unstratified_RS	Unstratified	RS K_05	2
## 4260	Unstratified_RS	Unstratified	RS K_05	2
## 4261	Unstratified_CS	Unstratified	CS K_05	5
## 4262	Unstratified_CS	Unstratified	CS K_05	5

## 4263	Unstratified_CS	Unstratified	CS K_05	5
## 4264	Unstratified_CS	Unstratified	CS K_05	3
## 4265	Unstratified_CS	Unstratified	CS K_05	5
## 4266	Unstratified_CS	Unstratified	CS K_05	3
## 4267	Unstratified_CS	Unstratified	CS K_05	5
## 4268	Unstratified_CS	Unstratified	CS K_05	3
## 4269	Unstratified_CS	Unstratified	CS K_05	5
## 4270	Unstratified_CS	Unstratified	CS K_05	1
## 4271	Unstratified_CS	Unstratified	CS K_05	5
## 4272	Unstratified_CS	Unstratified	CS K_05	4
## 4273	Unstratified_CS	Unstratified	CS K_05	5
## 4274	Unstratified_CS	Unstratified	CS K_05	3
## 4275	Unstratified_CS	Unstratified	CS K_05	3
## 4276	Unstratified_CS	Unstratified	CS K_05	4
## 4277	Unstratified_CS	Unstratified	CS K_05	4
## 4278	Unstratified_CS	Unstratified	CS K_05	5
## 4279	Unstratified_CS	Unstratified	CS K_05	3
## 4280	Unstratified_CS	Unstratified	CS K_05	5
## 4281	Unstratified_CS	Unstratified	CS K_05	3
## 4282	Unstratified_CS	Unstratified	CS K_05	5
## 4283	Unstratified_CS	Unstratified	CS K_05	2
## 4284	Unstratified_CS	Unstratified	CS K_05	5
## 4285	Unstratified_CS	Unstratified	CS K_05	5
## 4286	Unstratified_CS	Unstratified	CS K_05	3
## 4287	Unstratified_CS	Unstratified	CS K_05	1
## 4288	Unstratified_CS	Unstratified	CS K_05	1
## 4289	Unstratified_CS	Unstratified	CS K_05	5

## 4290	Unstratified_CS	Unstratified	CS K_05	3
## 4291	Unstratified_CS	Unstratified	CS K_05	5
## 4292	Unstratified_CS	Unstratified	CS K_05	5
## 4293	Unstratified_CS	Unstratified	CS K_05	5
## 4294	Unstratified_CS	Unstratified	CS K_05	4
## 4295	Unstratified_CS	Unstratified	CS K_05	5
## 4296	Unstratified_CS	Unstratified	CS K_05	5
## 4297	Unstratified_CS	Unstratified	CS K_05	5
## 4298	Unstratified_CS	Unstratified	CS K_05	5
## 4299	Unstratified_CS	Unstratified	CS K_05	5
## 4300	Unstratified_CS	Unstratified	CS K_05	5
## 4301	Unstratified_CS	Unstratified	CS K_05	5
## 4302	Unstratified_CS	Unstratified	CS K_05	5
## 4303	Unstratified_CS	Unstratified	CS K_05	3
## 4304	Unstratified_CS	Unstratified	CS K_05	5
## 4305	Unstratified_CS	Unstratified	CS K_05	4
## 4306	Unstratified_CS	Unstratified	CS K_05	5
## 4307	Unstratified_CS	Unstratified	CS K_05	2
## 4308	Unstratified_CS	Unstratified	CS K_05	1
## 4309	Unstratified_CS	Unstratified	CS K_05	5
## 4310	Unstratified_CS	Unstratified	CS K_05	3
## 4311	Unstratified_CS	Unstratified	CS K_05	3
## 4312	Unstratified_CS	Unstratified	CS K_05	5
## 4313	Unstratified_CS	Unstratified	CS K_05	1
## 4314	Unstratified_CS	Unstratified	CS K_05	5
## 4315	Unstratified_CS	Unstratified	CS K_05	3
## 4316	Unstratified_CS	Unstratified	CS K_05	3

## 4317	Unstratified_CS	Unstratified	CS K_05	1
## 4318	Unstratified_CS	Unstratified	CS K_05	5
## 4319	Unstratified_CS	Unstratified	CS K_05	3
## 4320	Unstratified_CS	Unstratified	CS K_05	5
## 4321	Stratified_BS	Stratified	BS K_05	2
## 4322	Stratified_BS	Stratified	BS K_05	3
## 4323	Stratified_BS	Stratified	BS K_05	5
## 4324	Stratified_BS	Stratified	BS K_05	2
## 4325	Stratified_BS	Stratified	BS K_05	3
## 4326	Stratified_BS	Stratified	BS K_05	5
## 4327	Stratified_BS	Stratified	BS K_05	2
## 4328	Stratified_BS	Stratified	BS K_05	3
## 4329	Stratified_BS	Stratified	BS K_05	4
## 4330	Stratified_BS	Stratified	BS K_05	5
## 4331	Stratified_BS	Stratified	BS K_05	2
## 4332	Stratified_BS	Stratified	BS K_05	3
## 4333	Stratified_BS	Stratified	BS K_05	5
## 4334	Stratified_BS	Stratified	BS K_05	2
## 4335	Stratified_BS	Stratified	BS K_05	3
## 4336	Stratified_BS	Stratified	BS K_05	5
## 4337	Stratified_BS	Stratified	BS K_05	3
## 4338	Stratified_BS	Stratified	BS K_05	5
## 4339	Stratified_BS	Stratified	BS K_05	3
## 4340	Stratified_BS	Stratified	BS K_05	5
## 4341	Stratified_BS	Stratified	BS K_05	2
## 4342	Stratified_BS	Stratified	BS K_05	3
## 4343	Stratified_BS	Stratified	BS K_05	5

## 4344	Stratified_BS	Stratified	BS K_05	2
## 4345	Stratified_BS	Stratified	BS K_05	3
## 4346	Stratified_BS	Stratified	BS K_05	5
## 4347	Stratified_BS	Stratified	BS K_05	3
## 4348	Stratified_BS	Stratified	BS K_05	5
## 4349	Stratified_BS	Stratified	BS K_05	3
## 4350	Stratified_BS	Stratified	BS K_05	4
## 4351	Stratified_BS	Stratified	BS K_05	1
## 4352	Stratified_BS	Stratified	BS K_05	3
## 4353	Stratified_BS	Stratified	BS K_05	5
## 4354	Stratified_BS	Stratified	BS K_05	4
## 4355	Stratified_BS	Stratified	BS K_05	5
## 4356	Stratified_BS	Stratified	BS K_05	1
## 4357	Stratified_BS	Stratified	BS K_05	5
## 4358	Stratified_BS	Stratified	BS K_05	1
## 4359	Stratified_BS	Stratified	BS K_05	5
## 4360	Stratified_BS	Stratified	BS K_05	4
## 4361	Stratified_BS	Stratified	BS K_05	5
## 4362	Stratified_BS	Stratified	BS K_05	5
## 4363	Stratified_BS	Stratified	BS K_05	4
## 4364	Stratified_BS	Stratified	BS K_05	4
## 4365	Stratified_BS	Stratified	BS K_05	4
## 4366	Stratified_BS	Stratified	BS K_05	1
## 4367	Stratified_BS	Stratified	BS K_05	4
## 4368	Stratified_BS	Stratified	BS K_05	1
## 4369	Stratified_BS	Stratified	BS K_05	4
## 4370	Stratified_BS	Stratified	BS K_05	4

## 4371	Stratified_BS	Stratified	BS K_05	4
## 4372	Stratified_BS	Stratified	BS K_05	4
## 4373	Stratified_BS	Stratified	BS K_05	4
## 4374	Stratified_BS	Stratified	BS K_05	4
## 4375	Stratified_BS	Stratified	BS K_05	1
## 4376	Stratified_BS	Stratified	BS K_05	1
## 4377	Stratified_BS	Stratified	BS K_05	1
## 4378	Stratified_BS	Stratified	BS K_05	1
## 4379	Stratified_BS	Stratified	BS K_05	1
## 4380	Stratified_BS	Stratified	BS K_05	1
## 4381	Stratified_RS	Stratified	RS K_05	1
## 4382	Stratified_RS	Stratified	RS K_05	1
## 4383	Stratified_RS	Stratified	RS K_05	1
## 4384	Stratified_RS	Stratified	RS K_05	1
## 4385	Stratified_RS	Stratified	RS K_05	1
## 4386	Stratified_RS	Stratified	RS K_05	1
## 4387	Stratified_RS	Stratified	RS K_05	1
## 4388	Stratified_RS	Stratified	RS K_05	1
## 4389	Stratified_RS	Stratified	RS K_05	1
## 4390	Stratified_RS	Stratified	RS K_05	1
## 4391	Stratified_RS	Stratified	RS K_05	1
## 4392	Stratified_RS	Stratified	RS K_05	2
## 4393	Stratified_RS	Stratified	RS K_05	2
## 4394	Stratified_RS	Stratified	RS K_05	2
## 4395	Stratified_RS	Stratified	RS K_05	2
## 4396	Stratified_RS	Stratified	RS K_05	2
## 4397	Stratified_RS	Stratified	RS K_05	2

## 4398	Stratified_RS	Stratified	RS K_05	2
## 4399	Stratified_RS	Stratified	RS K_05	3
## 4400	Stratified_RS	Stratified	RS K_05	3
## 4401	Stratified_RS	Stratified	RS K_05	3
## 4402	Stratified_RS	Stratified	RS K_05	3
## 4403	Stratified_RS	Stratified	RS K_05	3
## 4404	Stratified_RS	Stratified	RS K_05	3
## 4405	Stratified_RS	Stratified	RS K_05	3
## 4406	Stratified_RS	Stratified	RS K_05	3
## 4407	Stratified_RS	Stratified	RS K_05	3
## 4408	Stratified_RS	Stratified	RS K_05	3
## 4409	Stratified_RS	Stratified	RS K_05	3
## 4410	Stratified_RS	Stratified	RS K_05	3
## 4411	Stratified_RS	Stratified	RS K_05	4
## 4412	Stratified_RS	Stratified	RS K_05	4
## 4413	Stratified_RS	Stratified	RS K_05	4
## 4414	Stratified_RS	Stratified	RS K_05	4
## 4415	Stratified_RS	Stratified	RS K_05	4
## 4416	Stratified_RS	Stratified	RS K_05	4
## 4417	Stratified_RS	Stratified	RS K_05	4
## 4418	Stratified_RS	Stratified	RS K_05	4
## 4419	Stratified_RS	Stratified	RS K_05	4
## 4420	Stratified_RS	Stratified	RS K_05	4
## 4421	Stratified_RS	Stratified	RS K_05	4
## 4422	Stratified_RS	Stratified	RS K_05	4
## 4423	Stratified_RS	Stratified	RS K_05	4
## 4424	Stratified_RS	Stratified	RS K_05	4

## 4425	Stratified_RS	Stratified	RS K_05	5
## 4426	Stratified_RS	Stratified	RS K_05	5
## 4427	Stratified_RS	Stratified	RS K_05	5
## 4428	Stratified_RS	Stratified	RS K_05	5
## 4429	Stratified_RS	Stratified	RS K_05	5
## 4430	Stratified_RS	Stratified	RS K_05	5
## 4431	Stratified_RS	Stratified	RS K_05	5
## 4432	Stratified_RS	Stratified	RS K_05	5
## 4433	Stratified_RS	Stratified	RS K_05	5
## 4434	Stratified_RS	Stratified	RS K_05	5
## 4435	Stratified_RS	Stratified	RS K_05	5
## 4436	Stratified_RS	Stratified	RS K_05	5
## 4437	Stratified_RS	Stratified	RS K_05	5
## 4438	Stratified_RS	Stratified	RS K_05	5
## 4439	Stratified_RS	Stratified	RS K_05	5
## 4440	Stratified_RS	Stratified	RS K_05	5
## 4441	Stratified_CS	Stratified	CS K_05	1
## 4442	Stratified_CS	Stratified	CS K_05	1
## 4443	Stratified_CS	Stratified	CS K_05	1
## 4444	Stratified_CS	Stratified	CS K_05	1
## 4445	Stratified_CS	Stratified	CS K_05	1
## 4446	Stratified_CS	Stratified	CS K_05	1
## 4447	Stratified_CS	Stratified	CS K_05	1
## 4448	Stratified_CS	Stratified	CS K_05	1
## 4449	Stratified_CS	Stratified	CS K_05	1
## 4450	Stratified_CS	Stratified	CS K_05	1
## 4451	Stratified_CS	Stratified	CS K_05	1

## 4452	Stratified_CS	Stratified	CS K_05	2
## 4453	Stratified_CS	Stratified	CS K_05	2
## 4454	Stratified_CS	Stratified	CS K_05	2
## 4455	Stratified_CS	Stratified	CS K_05	2
## 4456	Stratified_CS	Stratified	CS K_05	2
## 4457	Stratified_CS	Stratified	CS K_05	2
## 4458	Stratified_CS	Stratified	CS K_05	2
## 4459	Stratified_CS	Stratified	CS K_05	3
## 4460	Stratified_CS	Stratified	CS K_05	3
## 4461	Stratified_CS	Stratified	CS K_05	3
## 4462	Stratified_CS	Stratified	CS K_05	3
## 4463	Stratified_CS	Stratified	CS K_05	3
## 4464	Stratified_CS	Stratified	CS K_05	3
## 4465	Stratified_CS	Stratified	CS K_05	3
## 4466	Stratified_CS	Stratified	CS K_05	3
## 4467	Stratified_CS	Stratified	CS K_05	3
## 4468	Stratified_CS	Stratified	CS K_05	3
## 4469	Stratified_CS	Stratified	CS K_05	3
## 4470	Stratified_CS	Stratified	CS K_05	3
## 4471	Stratified_CS	Stratified	CS K_05	4
## 4472	Stratified_CS	Stratified	CS K_05	4
## 4473	Stratified_CS	Stratified	CS K_05	4
## 4474	Stratified_CS	Stratified	CS K_05	4
## 4475	Stratified_CS	Stratified	CS K_05	4
## 4476	Stratified_CS	Stratified	CS K_05	4
## 4477	Stratified_CS	Stratified	CS K_05	4
## 4478	Stratified_CS	Stratified	CS K_05	4

## 4479	Stratified_CS	Stratified	CS K_05	4
## 4480	Stratified_CS	Stratified	CS K_05	4
## 4481	Stratified_CS	Stratified	CS K_05	4
## 4482	Stratified_CS	Stratified	CS K_05	4
## 4483	Stratified_CS	Stratified	CS K_05	4
## 4484	Stratified_CS	Stratified	CS K_05	4
## 4485	Stratified_CS	Stratified	CS K_05	5
## 4486	Stratified_CS	Stratified	CS K_05	5
## 4487	Stratified_CS	Stratified	CS K_05	5
## 4488	Stratified_CS	Stratified	CS K_05	5
## 4489	Stratified_CS	Stratified	CS K_05	5
## 4490	Stratified_CS	Stratified	CS K_05	5
## 4491	Stratified_CS	Stratified	CS K_05	5
## 4492	Stratified_CS	Stratified	CS K_05	5
## 4493	Stratified_CS	Stratified	CS K_05	5
## 4494	Stratified_CS	Stratified	CS K_05	5
## 4495	Stratified_CS	Stratified	CS K_05	5
## 4496	Stratified_CS	Stratified	CS K_05	5
## 4497	Stratified_CS	Stratified	CS K_05	5
## 4498	Stratified_CS	Stratified	CS K_05	5
## 4499	Stratified_CS	Stratified	CS K_05	5
## 4500	Stratified_CS	Stratified	CS K_05	5
## 4501	Unstratified_RS	Unstratified	RS K_05	3
## 4502	Unstratified_RS	Unstratified	RS K_05	4
## 4503	Unstratified_RS	Unstratified	RS K_05	1
## 4504	Unstratified_RS	Unstratified	RS K_05	4
## 4505	Unstratified_RS	Unstratified	RS K_05	4

## 4506	Unstratified_RS	Unstratified	RS K_05	1
## 4507	Unstratified_RS	Unstratified	RS K_05	5
## 4508	Unstratified_RS	Unstratified	RS K_05	5
## 4509	Unstratified_RS	Unstratified	RS K_05	5
## 4510	Unstratified_RS	Unstratified	RS K_05	5
## 4511	Unstratified_RS	Unstratified	RS K_05	5
## 4512	Unstratified_RS	Unstratified	RS K_05	5
## 4513	Unstratified_RS	Unstratified	RS K_05	3
## 4514	Unstratified_RS	Unstratified	RS K_05	4
## 4515	Unstratified_RS	Unstratified	RS K_05	5
## 4516	Unstratified_RS	Unstratified	RS K_05	5
## 4517	Unstratified_RS	Unstratified	RS K_05	3
## 4518	Unstratified_RS	Unstratified	RS K_05	3
## 4519	Unstratified_RS	Unstratified	RS K_05	5
## 4520	Unstratified_RS	Unstratified	RS K_05	3
## 4521	Unstratified_RS	Unstratified	RS K_05	5
## 4522	Unstratified_RS	Unstratified	RS K_05	5
## 4523	Unstratified_RS	Unstratified	RS K_05	5
## 4524	Unstratified_RS	Unstratified	RS K_05	1
## 4525	Unstratified_RS	Unstratified	RS K_05	5
## 4526	Unstratified_RS	Unstratified	RS K_05	4
## 4527	Unstratified_RS	Unstratified	RS K_05	5
## 4528	Unstratified_RS	Unstratified	RS K_05	3
## 4529	Unstratified_RS	Unstratified	RS K_05	2
## 4530	Unstratified_RS	Unstratified	RS K_05	5
## 4531	Unstratified_RS	Unstratified	RS K_05	5
## 4532	Unstratified_RS	Unstratified	RS K_05	5

## 4533	Unstratified_RS	Unstratified	RS K_05	4
## 4534	Unstratified_RS	Unstratified	RS K_05	3
## 4535	Unstratified_RS	Unstratified	RS K_05	4
## 4536	Unstratified_RS	Unstratified	RS K_05	4
## 4537	Unstratified_RS	Unstratified	RS K_05	5
## 4538	Unstratified_RS	Unstratified	RS K_05	3
## 4539	Unstratified_RS	Unstratified	RS K_05	5
## 4540	Unstratified_RS	Unstratified	RS K_05	4
## 4541	Unstratified_RS	Unstratified	RS K_05	4
## 4542	Unstratified_RS	Unstratified	RS K_05	1
## 4543	Unstratified_RS	Unstratified	RS K_05	5
## 4544	Unstratified_RS	Unstratified	RS K_05	2
## 4545	Unstratified_RS	Unstratified	RS K_05	5
## 4546	Unstratified_RS	Unstratified	RS K_05	2
## 4547	Unstratified_RS	Unstratified	RS K_05	5
## 4548	Unstratified_RS	Unstratified	RS K_05	5
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## 4550	Unstratified_RS	Unstratified	RS K_05	2
## 4551	Unstratified_RS	Unstratified	RS K_05	1
## 4552	Unstratified_RS	Unstratified	RS K_05	5
## 4553	Unstratified_RS	Unstratified	RS K_05	3
## 4554	Unstratified_RS	Unstratified	RS K_05	1
## 4555	Unstratified_RS	Unstratified	RS K_05	5
## 4556	Unstratified_RS	Unstratified	RS K_05	5
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## 4558	Unstratified_RS	Unstratified	RS K_05	3
## 4559	Unstratified_RS	Unstratified	RS K_05	5

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## 4562	Unstratified_CS	Unstratified	CS K_05	5
## 4563	Unstratified_CS	Unstratified	CS K_05	4
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## 4568	Unstratified_CS	Unstratified	CS K_05	4
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## 4617	Unstratified_CS	Unstratified	CS K_05	5
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## 4694	Stratified_RS	Stratified	RS K_05	2

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## 4752	Stratified_CS	Stratified	CS K_05	2
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## 4758	Stratified_CS	Stratified	CS K_05	2
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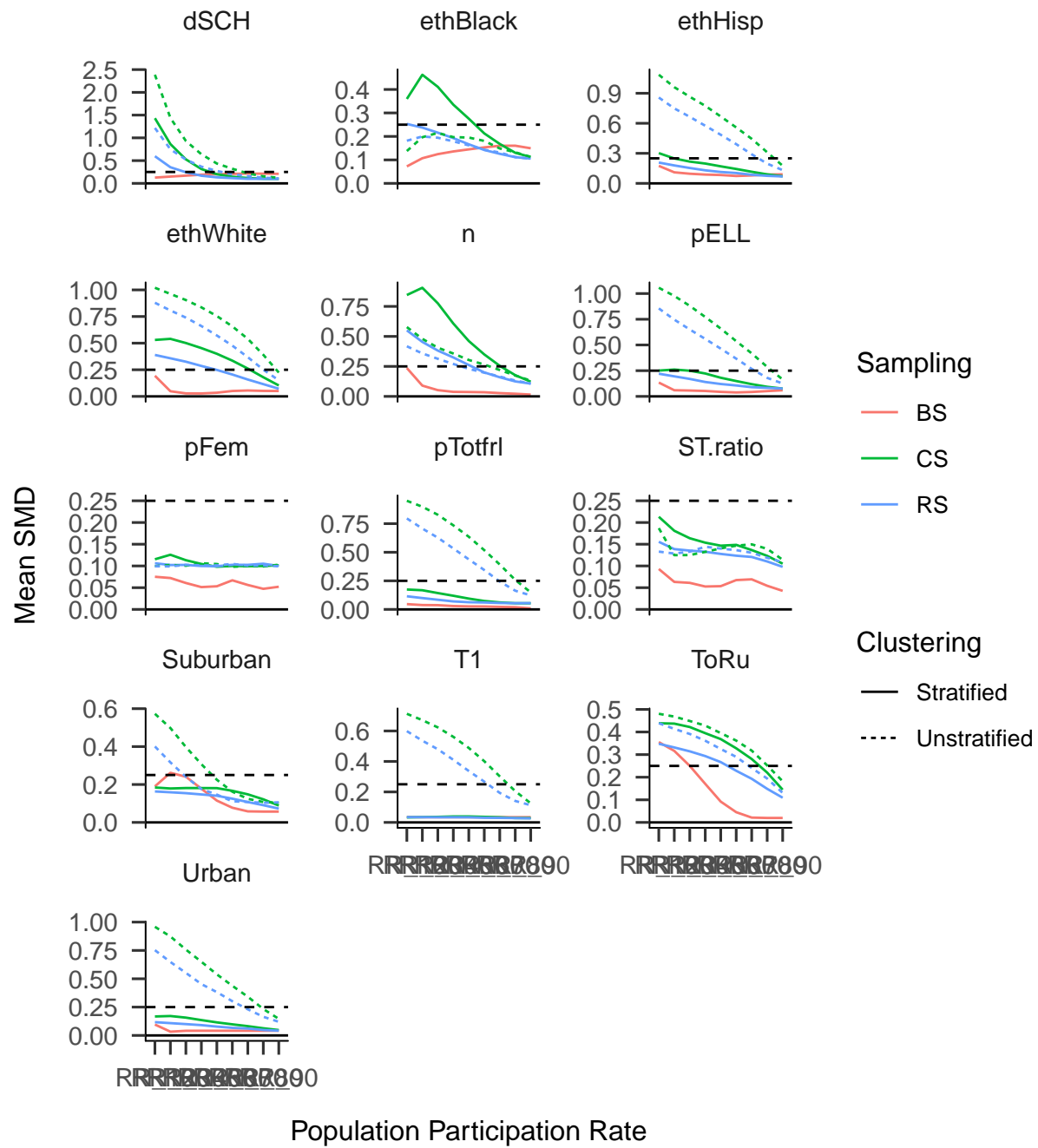


Figure 2. Average SMDs

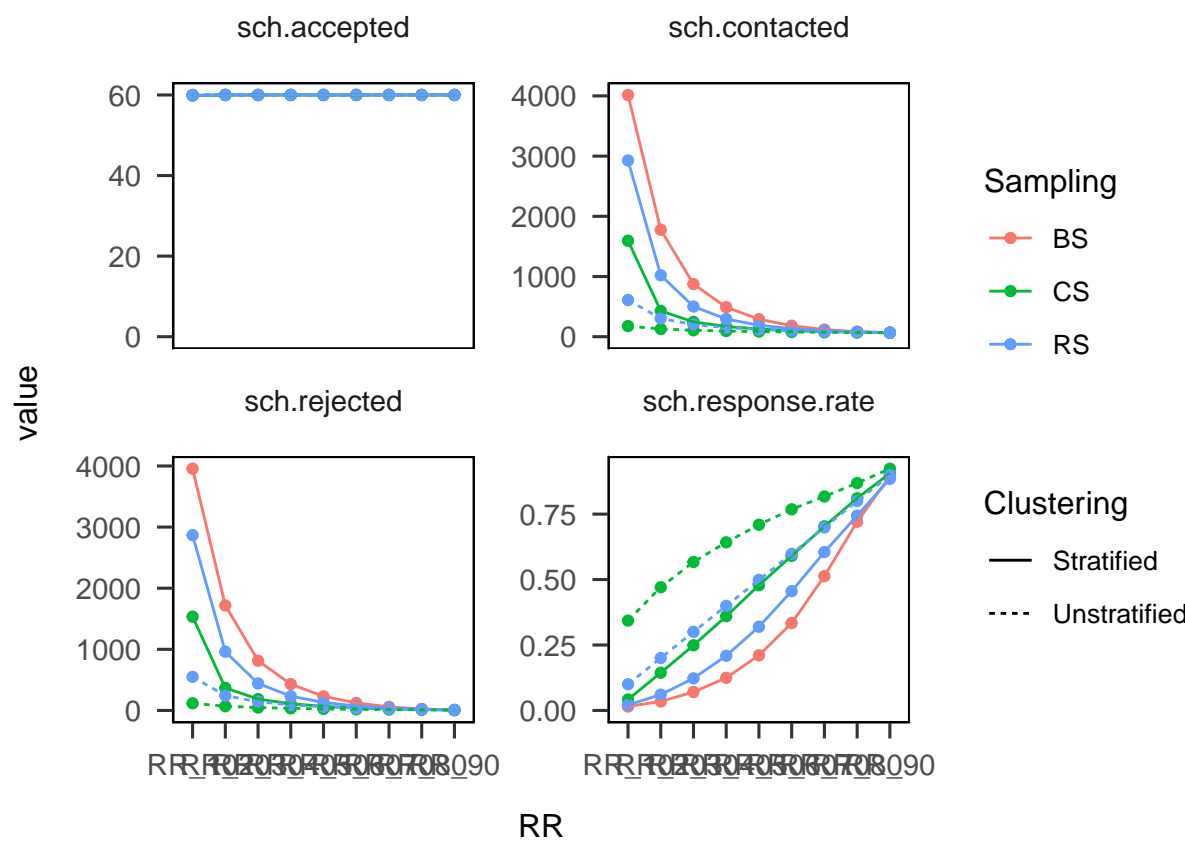


Figure 3. Recruitment Counts

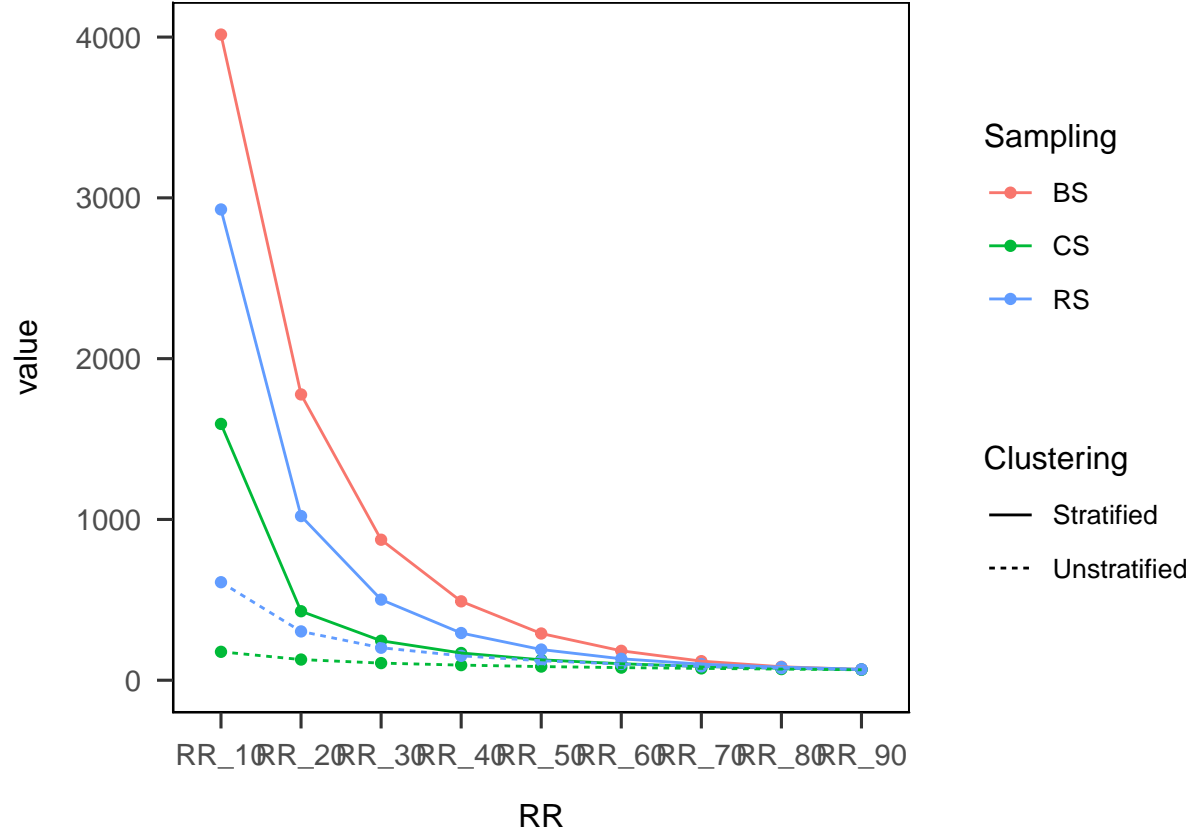


Figure 4. Schools Contacted

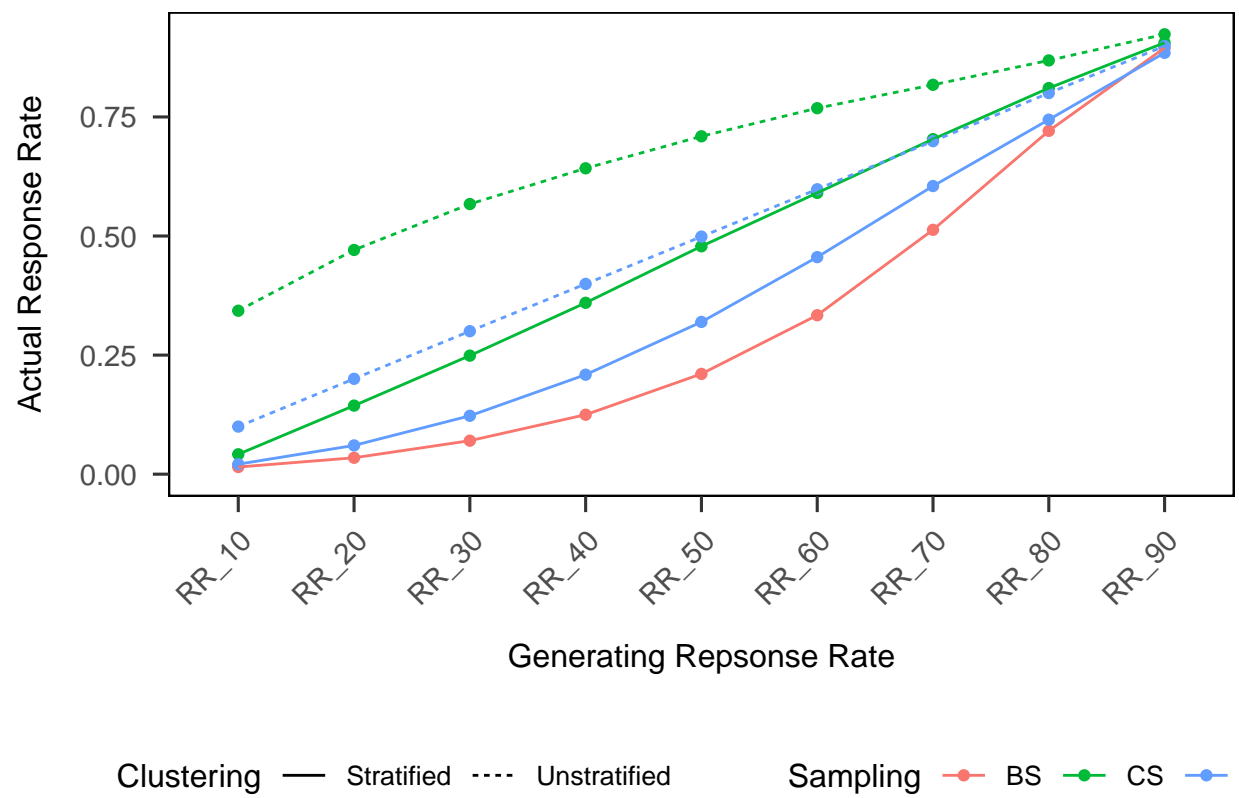


Figure 5. Sampling response rates