

	Disease	r	pval	location_name	sex_name
cor	Inflammatory bowel disease	0.98263111	5.01E-22	Mexico	Both
cor1	Multiple sclerosis	0.92220514	4.50E-13	Mexico	Both
cor2	Diabetes mellitus	0.960938643	3.71E-17	Mexico	Both
cor3	Rheumatic heart disease	-0.778644034	4.04E-07	Mexico	Both
cor4	Ischemic heart disease	0.977244464	2.13E-20	Mexico	Both
cor5	Hypertensive heart disease	0.973171422	2.08E-19	Mexico	Both
cor6	Cardiomyopathy and myocarditis	0.94106645	1.04E-14	Mexico	Both
cor7	Maternal disorders	-0.866779596	5.90E-10	Mexico	Both
cor8	Non-melanoma skin cancer	0.939520684	1.48E-14	Mexico	Both
cor9	Rheumatoid arthritis	0.98154461	1.16E-21	Mexico	Both
cor10	Non-rheumatic valvular heart disease	0.97865526	8.76E-21	Mexico	Both
cor11	Chronic obstructive pulmonary disease	0.941372243	9.68E-15	Mexico	Both
cor12	Asthma	-0.775295246	4.88E-07	Mexico	Both
cor13	Cirrhosis and other chronic liver diseases	0.833046855	1.12E-08	Mexico	Both
cor14	Hodgkin lymphoma	-0.188495668	0.318501128	Mexico	Both
cor15	Non-Hodgkin lymphoma	0.907684066	4.51E-12	Mexico	Both
cor16	Multiple myeloma	0.938525412	1.85E-14	Mexico	Both
cor17	Leukemia	0.785724943	2.69E-07	Mexico	Both
cor18	Inflammatory bowel disease	0.981702724	1.03E-21	Mexico	Female
cor19	Multiple sclerosis	0.919007695	7.76E-13	Mexico	Female
cor20	Diabetes mellitus	0.965097594	7.87E-18	Mexico	Female
cor21	Rheumatic heart disease	-0.799726786	1.15E-07	Mexico	Female

cor22	Ischemic heart disease	0.976008364	4.43E-20	Mexico	Female
cor23	Hypertensive heart disease	0.964008646	1.20E-17	Mexico	Female
cor24	Cardiomyopathy and myocarditis	0.936607372	2.81E-14	Mexico	Female
cor25	Maternal disorders	-0.870253772	4.17E-10	Mexico	Female
cor26	Non-melanoma skin cancer	0.93383316	5.02E-14	Mexico	Female
cor27	Rheumatoid arthritis	0.977382216	1.96E-20	Mexico	Female
cor28	Non-rheumatic valvular heart disease	0.986772361	1.13E-23	Mexico	Female
cor29	Chronic obstructive pulmonary disease	0.962526609	2.10E-17	Mexico	Female
cor30	Asthma	-0.78737644	2.44E-07	Mexico	Female
cor31	Cirrhosis and other chronic liver diseases	0.939781459	1.39E-14	Mexico	Female
cor32	Hodgkin lymphoma	-0.139875211	0.460994637	Mexico	Female
cor33	Non-Hodgkin lymphoma	0.914989507	1.49E-12	Mexico	Female
cor34	Multiple myeloma	0.946288378	2.93E-15	Mexico	Female
cor35	Leukemia	0.767772515	7.35E-07	Mexico	Female
cor36	Inflammatory bowel disease	0.9794851	5.05E-21	Mexico	Male
cor37	Multiple sclerosis	0.916955818	1.09E-12	Mexico	Male
cor38	Diabetes mellitus	0.946264402	2.95E-15	Mexico	Male
cor39	Rheumatic heart disease	-0.726389346	5.51E-06	Mexico	Male

cor40	Ischemic heart disease	0.972320133	3.20E-19	Mexico	Male
cor41	Hypertensive heart disease	0.976868505	2.67E-20	Mexico	Male
cor42	Cardiomyopathy and myocarditis	0.934188282	4.67E-14	Mexico	Male
1	Maternal disorders	0	1	Mexico	Male
cor43	Non-melanoma skin cancer	0.933770834	5.09E-14	Mexico	Male
cor44	Rheumatoid arthritis	0.913291504	1.94E-12	Mexico	Male
cor45	Non-rheumatic valvular heart disease	0.966286693	4.88E-18	Mexico	Male
cor46	Chronic obstructive pulmonary disease	0.905838064	5.89E-12	Mexico	Male
cor47	Asthma	-0.75262731	1.61E-06	Mexico	Male
cor48	Cirrhosis and other chronic liver diseases	0.748345741	1.98E-06	Mexico	Male
cor49	Hodgkin lymphoma	-0.188977612	0.317242617	Mexico	Male
cor50	Non-Hodgkin lymphoma	0.891140225	4.08E-11	Mexico	Male
cor51	Multiple myeloma	0.921504192	5.08E-13	Mexico	Male
cor52	Leukemia	0.759287083	1.15E-06	Mexico	Male
cor53	Inflammatory bowel disease	-0.791774529	1.88E-07	Argentina	Both
cor54	Multiple sclerosis	0.255500934	0.17297203	Argentina	Both
cor55	Diabetes mellitus	-0.231918664	0.217503697	Argentina	Both
cor56	Rheumatic heart disease	0.827058343	1.76E-08	Argentina	Both

cor57	Ischemic heart disease	0.932272114	6.89E-14	Argentina	Both
cor58	Hypertensive heart disease	-0.765347628	8.37E-07	Argentina	Both
cor59	Cardiomyopathy and myocarditis	0.197137029	0.296404858	Argentina	Both
cor60	Maternal disorders	0.63217623	0.000178522	Argentina	Both
cor61	Non-melanoma skin cancer	-0.825950752	1.91E-08	Argentina	Both
cor62	Rheumatoid arthritis	0.539215042	0.002106746	Argentina	Both
cor63	Non-rheumatic valvular heart disease	-0.824248671	2.17E-08	Argentina	Both
cor64	Chronic obstructive pulmonary disease	-0.982785132	4.43E-22	Argentina	Both
cor65	Asthma	0.698096016	1.79E-05	Argentina	Both
cor66	Cirrhosis and other chronic liver diseases	-0.081075203	0.670180415	Argentina	Both
cor67	Hodgkin lymphoma	0.874563968	2.67E-10	Argentina	Both
cor68	Non-Hodgkin lymphoma	-0.679878383	3.59E-05	Argentina	Both
cor69	Multiple myeloma	-0.961993769	2.55E-17	Argentina	Both
cor70	Leukemia	0.011895162	0.950255346	Argentina	Both
cor71	Inflammatory bowel disease	-0.892921095	3.28E-11	Argentina	Female
cor72	Multiple sclerosis	0.109723773	0.563809423	Argentina	Female
cor73	Diabetes mellitus	0.207609465	0.270960087	Argentina	Female
cor74	Rheumatic heart disease	0.876137975	2.26E-10	Argentina	Female

cor75	Ischemic heart disease	0.960641413	4.12E-17	Argentina	Female
cor76	Hypertensive heart disease	-0.915450969	1.38E-12	Argentina	Female
cor77	Cardiomyopathy and myocarditis	-0.415854141	0.022279414	Argentina	Female
cor78	Maternal disorders	0.764134711	8.92E-07	Argentina	Female
cor79	Non-melanoma skin cancer	-0.903068447	8.68E-12	Argentina	Female
cor80	Rheumatoid arthritis	-0.448093401	0.013018118	Argentina	Female
cor81	Non-rheumatic valvular heart disease	-0.96213842	2.42E-17	Argentina	Female
cor82	Chronic obstructive pulmonary disease	-0.986507795	1.49E-23	Argentina	Female
cor83	Asthma	0.806037241	7.64E-08	Argentina	Female
cor84	Cirrhosis and other chronic liver diseases	-0.295806666	0.112488277	Argentina	Female
cor85	Hodgkin lymphoma	0.942768451	6.97E-15	Argentina	Female
cor86	Non-Hodgkin lymphoma	-0.508622587	0.004104279	Argentina	Female
cor87	Multiple myeloma	-0.924234925	3.15E-13	Argentina	Female
cor88	Leukemia	0.063547458	0.738672797	Argentina	Female
cor89	Inflammatory bowel disease	-0.290692478	0.119137415	Argentina	Male
cor90	Multiple sclerosis	0.186231167	0.324455759	Argentina	Male
cor91	Diabetes mellitus	-0.674028598	4.44E-05	Argentina	Male
cor92	Rheumatic heart disease	0.647867276	0.000108538	Argentina	Male

cor93	Ischemic heart disease	0.745280769	2.30E-06	Argentina	Male
cor94	Hypertensive heart disease	-0.279131642	0.135234059	Argentina	Male
cor95	Cardiomyopathy and myocarditis	0.158274246	0.403519592	Argentina	Male
11	Maternal disorders	0	1	Argentina	Male
cor96	Non-melanoma skin cancer	-0.605746671	0.00038927	Argentina	Male
cor97	Rheumatoid arthritis	0.96330232	1.57E-17	Argentina	Male
cor98	Non-rheumatic valvular heart disease	-0.386298735	0.034981358	Argentina	Male
cor99	Chronic obstructive pulmonary disease	-0.968425247	1.98E-18	Argentina	Male
cor100	Asthma	0.432925945	0.016865897	Argentina	Male
cor101	Cirrhosis and other chronic liver diseases	0.269370345	0.150016104	Argentina	Male
cor102	Hodgkin lymphoma	0.724184572	6.07E-06	Argentina	Male
cor103	Non-Hodgkin lymphoma	-0.855712572	1.68E-09	Argentina	Male
cor104	Multiple myeloma	-0.682482786	3.26E-05	Argentina	Male
cor105	Leukemia	-0.234378021	0.212527337	Argentina	Male
cor106	Inflammatory bowel disease	-0.987127363	7.77E-24	Global	Both
cor107	Multiple sclerosis	-0.973529454	1.73E-19	Global	Both
cor108	Diabetes mellitus	-0.994137519	1.34E-28	Global	Both
cor109	Rheumatic heart disease	0.984094704	1.47E-22	Global	Both

cor110	Ischemic heart disease	-0.836391875	8.61E-09	Global	Both
cor111	Hypertensive heart disease	-0.779114889	3.94E-07	Global	Both
cor112	Cardiomyopathy and myocarditis	0.240008475	0.201428706	Global	Both
cor113	Maternal disorders	0.997834903	1.20E-34	Global	Both
cor114	Non-melanoma skin cancer	-0.989468582	4.74E-25	Global	Both
cor115	Rheumatoid arthritis	-0.970197371	8.90E-19	Global	Both
cor116	Non-rheumatic valvular heart disease	-0.966199173	5.06E-18	Global	Both
cor117	Chronic obstructive pulmonary disease	0.935440861	3.60E-14	Global	Both
cor118	Asthma	0.977498084	1.82E-20	Global	Both
cor119	Cirrhosis and other chronic liver diseases	0.233102388	0.215098711	Global	Both
cor120	Hodgkin lymphoma	0.961438811	3.11E-17	Global	Both
cor121	Non-Hodgkin lymphoma	-0.981919395	8.75E-22	Global	Both
cor122	Multiple myeloma	-0.99411872	1.40E-28	Global	Both
cor123	Leukemia	0.93459109	4.29E-14	Global	Both
cor124	Inflammatory bowel disease	-0.962750068	1.93E-17	Global	Female
cor125	Multiple sclerosis	-0.972430276	3.03E-19	Global	Female
cor126	Diabetes mellitus	-0.987877176	3.37E-24	Global	Female
cor127	Rheumatic heart disease	0.98326206	3.00E-22	Global	Female

cor128	Ischemic heart disease	-0.457659418	0.010991658	Global	Female
cor129	Hypertensive heart disease	-0.791040549	1.96E-07	Global	Female
cor130	Cardiomyopathy and myocarditis	0.901011241	1.15E-11	Global	Female
cor131	Maternal disorders	0.998582673	3.20E-37	Global	Female
cor132	Non-melanoma skin cancer	-0.989322578	5.74E-25	Global	Female
cor133	Rheumatoid arthritis	-0.953742144	3.79E-16	Global	Female
cor134	Non-rheumatic valvular heart disease	-0.979580426	4.74E-21	Global	Female
cor135	Chronic obstructive pulmonary disease	0.936310167	2.99E-14	Global	Female
cor136	Asthma	0.972059975	3.65E-19	Global	Female
cor137	Cirrhosis and other chronic liver diseases	0.707974155	1.21E-05	Global	Female
cor138	Hodgkin lymphoma	0.957984064	1.01E-16	Global	Female
cor139	Non-Hodgkin lymphoma	-0.952994013	4.72E-16	Global	Female
cor140	Multiple myeloma	-0.987407172	5.72E-24	Global	Female
cor141	Leukemia	0.953026233	4.68E-16	Global	Female
cor142	Inflammatory bowel disease	-0.965051327	8.02E-18	Global	Male
cor143	Multiple sclerosis	-0.965828512	5.88E-18	Global	Male
cor144	Diabetes mellitus	-0.996994716	1.18E-32	Global	Male
cor145	Rheumatic heart disease	0.98360937	2.24E-22	Global	Male

cor146	Ischemic heart disease	-0.938131735	2.01E-14	Global	Male
cor147	Hypertensive heart disease	-0.763763256	9.09E-07	Global	Male
cor148	Cardiomyopathy and myocarditis	-0.234108071	0.213069734	Global	Male
12	Maternal disorders	0	1	Global	Male
cor149	Non-melanoma skin cancer	-0.988968637	9.05E-25	Global	Male
cor150	Rheumatoid arthritis	-0.975290845	6.66E-20	Global	Male
cor151	Non-rheumatic valvular heart disease	-0.938803661	1.74E-14	Global	Male
cor152	Chronic obstructive pulmonary disease	0.925909896	2.33E-13	Global	Male
cor153	Asthma	0.977451099	1.87E-20	Global	Male
cor154	Cirrhosis and other chronic liver diseases	-0.065011706	0.732866757	Global	Male
cor155	Hodgkin lymphoma	0.958752182	7.85E-17	Global	Male
cor156	Non-Hodgkin lymphoma	-0.983092741	3.45E-22	Global	Male
cor157	Multiple myeloma	-0.996558778	7.83E-32	Global	Male
cor158	Leukemia	0.874684647	2.64E-10	Global	Male
cor159	Inflammatory bowel disease	-0.898950221	1.51E-11	France	Both
cor160	Multiple sclerosis	-0.474524612	0.008062386	France	Both
cor161	Diabetes mellitus	-0.251646354	0.179770369	France	Both
cor162	Rheumatic heart disease	0.400470258	0.028309662	France	Both

cor163	Ischemic heart disease	0.670381498	5.05E-05	France	Both
cor164	Hypertensive heart disease	-0.862357038	9.07E-10	France	Both
cor165	Cardiomyopathy and myocarditis	0.570972337	0.000983653	France	Both
cor166	Maternal disorders	0.730313886	4.62E-06	France	Both
cor167	Non-melanoma skin cancer	-0.715887737	8.68E-06	France	Both
cor168	Rheumatoid arthritis	0.573198887	0.000929808	France	Both
cor169	Non-rheumatic valvular heart disease	-0.735731409	3.61E-06	France	Both
cor170	Chronic obstructive pulmonary disease	0.292312898	0.11699991	France	Both
cor171	Asthma	0.700513847	1.63E-05	France	Both
cor172	Cirrhosis and other chronic liver diseases	0.800842713	1.07E-07	France	Both
cor173	Hodgkin lymphoma	0.683976527	3.08E-05	France	Both
cor174	Non-Hodgkin lymphoma	-0.462369353	0.010095591	France	Both
cor175	Multiple myeloma	-0.659835915	7.28E-05	France	Both
cor176	Leukemia	-0.868936604	4.76E-10	France	Both
cor177	Inflammatory bowel disease	-0.925691134	2.42E-13	France	Female
cor178	Multiple sclerosis	-0.59253916	0.00056045	France	Female
cor179	Diabetes mellitus	-0.129261392	0.496014029	France	Female
cor180	Rheumatic heart disease	0.469991722	0.008775834	France	Female

cor181	Ischemic heart disease	0.674313101	4.39E-05	France	Female
cor182	Hypertensive heart disease	-0.899774468	1.36E-11	France	Female
cor183	Cardiomyopathy and myocarditis	0.543634389	0.001903302	France	Female
cor184	Maternal disorders	0.78923605	2.18E-07	France	Female
cor185	Non-melanoma skin cancer	-0.919397808	7.27E-13	France	Female
cor186	Rheumatoid arthritis	0.71197785	1.02E-05	France	Female
cor187	Non-rheumatic valvular heart disease	-0.683920605	3.09E-05	France	Female
cor188	Chronic obstructive pulmonary disease	0.235629848	0.210024429	France	Female
cor189	Asthma	0.765164034	8.45E-07	France	Female
cor190	Cirrhosis and other chronic liver diseases	0.821356887	2.67E-08	France	Female
cor191	Hodgkin lymphoma	0.808086768	6.67E-08	France	Female
cor192	Non-Hodgkin lymphoma	-0.150322545	0.427844313	France	Female
cor193	Multiple myeloma	-0.734849711	3.76E-06	France	Female
cor194	Leukemia	-0.901484466	1.08E-11	France	Female
cor195	Inflammatory bowel disease	-0.785410606	2.74E-07	France	Male
cor196	Multiple sclerosis	-0.220855818	0.240864799	France	Male
cor197	Diabetes mellitus	-0.187812026	0.320291627	France	Male
cor198	Rheumatic heart disease	0.257625533	0.169303519	France	Male

cor199	Ischemic heart disease	0.593563218	0.00054514	France	Male
cor200	Hypertensive heart disease	-0.758649405	1.19E-06	France	Male
cor201	Cardiomyopathy and myocarditis	0.581486617	0.000751366	France	Male
13	Maternal disorders	0	1	France	Male
cor202	Non-melanoma skin cancer	-0.428615654	0.018117138	France	Male
cor203	Rheumatoid arthritis	-0.698029183	1.80E-05	France	Male
cor204	Non-rheumatic valvular heart disease	-0.686594679	2.80E-05	France	Male
cor205	Chronic obstructive pulmonary disease	0.219499496	0.24383954	France	Male
cor206	Asthma	0.521877658	0.003097548	France	Male
cor207	Cirrhosis and other chronic liver diseases	0.674930432	4.29E-05	France	Male
cor208	Hodgkin lymphoma	0.448226593	0.012987897	France	Male
cor209	Non-Hodgkin lymphoma	-0.485079511	0.006588866	France	Male
cor210	Multiple myeloma	-0.469219018	0.008902615	France	Male
cor211	Leukemia	-0.717621984	8.06E-06	France	Male
cor212	Inflammatory bowel disease	-0.858495197	1.30E-09	United Kingdom	Both
cor213	Multiple sclerosis	-0.93998145	1.33E-14	United Kingdom	Both
cor214	Diabetes mellitus	0.912607428	2.16E-12	United Kingdom	Both
cor215	Rheumatic heart disease	0.923746461	3.44E-13	United Kingdom	Both

cor216	Ischemic heart disease	0.928168699	1.53E-13	United Kingdom	Both
cor217	Hypertensive heart disease	-0.938509208	1.85E-14	United Kingdom	Both
cor218	Cardiomyopathy and myocarditis	-0.232186212	0.216958525	United Kingdom	Both
cor219	Maternal disorders	0.933714253	5.15E-14	United Kingdom	Both
cor220	Non-melanoma skin cancer	-0.913536231	1.87E-12	United Kingdom	Both
cor221	Rheumatoid arthritis	0.705326722	1.34E-05	United Kingdom	Both
cor222	Non-rheumatic valvular heart disease	-0.973515509	1.74E-19	United Kingdom	Both
cor223	Chronic obstructive pulmonary disease	-0.93080859	9.22E-14	United Kingdom	Both
cor224	Asthma	0.843109708	5.00E-09	United Kingdom	Both
cor225	Cirrhosis and other chronic liver diseases	-0.827645434	1.69E-08	United Kingdom	Both
cor226	Hodgkin lymphoma	0.832465806	1.17E-08	United Kingdom	Both
cor227	Non-Hodgkin lymphoma	-0.253823529	0.17590779	United Kingdom	Both
cor228	Multiple myeloma	-0.964656153	9.36E-18	United Kingdom	Both
cor229	Leukemia	-0.533811294	0.002380881	United Kingdom	Both
cor230	Inflammatory bowel disease	-0.814824404	4.23E-08	United Kingdom	Female
cor231	Multiple sclerosis	-0.963769311	1.32E-17	United Kingdom	Female
cor232	Diabetes mellitus	0.911026436	2.75E-12	United Kingdom	Female

cor233	Rheumatic heart disease	0.922381895	4.37E-13	United Kingdom	Female
cor234	Ischemic heart disease	0.933550802	5.32E-14	United Kingdom	Female
cor235	Hypertensive heart disease	-0.953087492	4.59E-16	United Kingdom	Female
cor236	Cardiomyopathy and myocarditis	-0.261024435	0.163549957	United Kingdom	Female
cor237	Maternal disorders	0.928760372	1.37E-13	United Kingdom	Female
cor238	Non-melanoma skin cancer	-0.920655982	5.88E-13	United Kingdom	Female
cor239	Rheumatoid arthritis	0.7392152	3.07E-06	United Kingdom	Female
cor240	Non-rheumatic valvular heart disease	-0.97669766	2.96E-20	United Kingdom	Female
cor241	Chronic obstructive pulmonary disease	-0.900358097	1.25E-11	United Kingdom	Female
cor242	Asthma	0.774718199	5.04E-07	United Kingdom	Female
cor243	Cirrhosis and other chronic liver diseases	-0.823906482	2.22E-08	United Kingdom	Female
cor244	Hodgkin lymphoma	0.813991163	4.48E-08	United Kingdom	Female
cor245	Non-Hodgkin lymphoma	0.069254554	0.71612544	United Kingdom	Female
cor246	Multiple myeloma	-0.918059522	9.08E-13	United Kingdom	Female
cor247	Leukemia	0.821574779	2.63E-08	United Kingdom	Female
cor248	Inflammatory bowel disease	-0.918644674	8.24E-13	United Kingdom	Male
cor249	Multiple sclerosis	-0.892528523	3.44E-11	United Kingdom	Male

cor250	Diabetes mellitus	0.886597291	7.03E-11	United Kingdom	Male
cor251	Rheumatic heart disease	0.916482418	1.17E-12	United Kingdom	Male
cor252	Ischemic heart disease	0.923955641	3.31E-13	United Kingdom	Male
cor253	Hypertensive heart disease	-0.911550673	2.54E-12	United Kingdom	Male
cor254	Cardiomyopathy and myocarditis	-0.046860664	0.80576338	United Kingdom	Male
14	Maternal disorders	0	1	United Kingdom	Male
cor255	Non-melanoma skin cancer	-0.896624068	2.05E-11	United Kingdom	Male
cor256	Rheumatoid arthritis	0.105560681	0.5787805	United Kingdom	Male
cor257	Non-rheumatic valvular heart disease	-0.937665698	2.23E-14	United Kingdom	Male
cor258	Chronic obstructive pulmonary disease	0.538456358	0.002143503	United Kingdom	Male
cor259	Asthma	0.887384059	6.41E-11	United Kingdom	Male
cor260	Cirrhosis and other chronic liver diseases	-0.837902044	7.63E-09	United Kingdom	Male
cor261	Hodgkin lymphoma	0.853855542	1.99E-09	United Kingdom	Male
cor262	Non-Hodgkin lymphoma	-0.521113242	0.003149191	United Kingdom	Male
cor263	Multiple myeloma	-0.967672151	2.74E-18	United Kingdom	Male
cor264	Leukemia	-0.949396893	1.30E-15	United Kingdom	Male
cor265	Inflammatory bowel disease	0.585668827	0.000673303	Japan	Both

cor266	Multiple sclerosis	0.988489835	1.64E-24	Japan	Both
cor267	Diabetes mellitus	-0.613128627	0.000315294	Japan	Both
cor268	Rheumatic heart disease	0.95365697	3.88E-16	Japan	Both
cor269	Ischemic heart disease	0.731489049	4.38E-06	Japan	Both
cor270	Hypertensive heart disease	0.372561103	0.04260645	Japan	Both
cor271	Cardiomyopathy and myocarditis	0.48813106	0.006208141	Japan	Both
cor272	Maternal disorders	-0.980251364	2.98E-21	Japan	Both
cor273	Non-melanoma skin cancer	0.951168289	7.96E-16	Japan	Both
cor274	Rheumatoid arthritis	-0.300831192	0.106228917	Japan	Both
cor275	Non-rheumatic valvular heart disease	0.865780742	6.51E-10	Japan	Both
cor276	Chronic obstructive pulmonary disease	0.929392086	1.21E-13	Japan	Both
cor277	Asthma	-0.987233233	6.92E-24	Japan	Both
cor278	Cirrhosis and other chronic liver diseases	0.045220437	0.812440123	Japan	Both
cor279	Hodgkin lymphoma	0.965522867	6.65E-18	Japan	Both
cor280	Non-Hodgkin lymphoma	0.974356791	1.11E-19	Japan	Both
cor281	Multiple myeloma	0.987778155	3.77E-24	Japan	Both
cor282	Leukemia	0.960295901	4.65E-17	Japan	Both
cor283	Inflammatory bowel disease	-0.124157091	0.513319778	Japan	Female

cor284	Multiple sclerosis	0.912973785	2.04E-12	Japan	Female
cor285	Diabetes mellitus	-0.737600139	3.31E-06	Japan	Female
cor286	Rheumatic heart disease	0.907510078	4.63E-12	Japan	Female
cor287	Ischemic heart disease	0.505975364	0.004335828	Japan	Female
cor288	Hypertensive heart disease	0.367637786	0.04564209	Japan	Female
cor289	Cardiomyopathy and myocarditis	0.36263593	0.048900022	Japan	Female
cor290	Maternal disorders	-0.963980298	1.22E-17	Japan	Female
cor291	Non-melanoma skin cancer	0.870410874	4.11E-10	Japan	Female
cor292	Rheumatoid arthritis	-0.854588234	1.86E-09	Japan	Female
cor293	Non-rheumatic valvular heart disease	0.7924913	1.80E-07	Japan	Female
cor294	Chronic obstructive pulmonary disease	0.854906965	1.81E-09	Japan	Female
cor295	Asthma	-0.976876409	2.66E-20	Japan	Female
cor296	Cirrhosis and other chronic liver diseases	0.673697713	4.49E-05	Japan	Female
cor297	Hodgkin lymphoma	0.842567985	5.23E-09	Japan	Female
cor298	Non-Hodgkin lymphoma	0.929592799	1.17E-13	Japan	Female
cor299	Multiple myeloma	0.954398743	3.11E-16	Japan	Female
cor300	Leukemia	0.900705296	1.20E-11	Japan	Female
cor301	Inflammatory bowel disease	0.885413007	8.07E-11	Japan	Male

cor302	Multiple sclerosis	0.977732014	1.58E-20	Japan	Male
cor303	Diabetes mellitus	-0.532719118	0.002439884	Japan	Male
cor304	Rheumatic heart disease	0.92272084	4.12E-13	Japan	Male
cor305	Ischemic heart disease	0.847362926	3.50E-09	Japan	Male
cor306	Hypertensive heart disease	-0.009408166	0.960646742	Japan	Male
cor307	Cardiomyopathy and myocarditis	0.479917543	0.007278052	Japan	Male
15	Maternal disorders	0	1	Japan	Male
cor308	Non-melanoma skin cancer	0.975463089	6.04E-20	Japan	Male
cor309	Rheumatoid arthritis	0.84601063	3.92E-09	Japan	Male
cor310	Non-rheumatic valvular heart disease	0.834648007	9.87E-09	Japan	Male
cor311	Chronic obstructive pulmonary disease	0.951105799	8.10E-16	Japan	Male
cor312	Asthma	-0.985799565	3.05E-23	Japan	Male
cor313	Cirrhosis and other chronic liver diseases	-0.849964393	2.80E-09	Japan	Male
cor314	Hodgkin lymphoma	0.983301725	2.90E-22	Japan	Male
cor315	Non-Hodgkin lymphoma	0.983213614	3.12E-22	Japan	Male
cor316	Multiple myeloma	0.992547208	3.82E-27	Japan	Male
cor317	Leukemia	0.975733754	5.18E-20	Japan	Male
cor318	Inflammatory bowel disease	-0.221941891	0.238500272	South Africa	Both

cor319	Multiple sclerosis	-0.554770981	0.001464427	South Africa	Both
cor320	Diabetes mellitus	-0.544700647	0.00185685	South Africa	Both
cor321	Rheumatic heart disease	0.23365819	0.213975753	South Africa	Both
cor322	Ischemic heart disease	-0.607281935	0.000372734	South Africa	Both
cor323	Hypertensive heart disease	-0.64982862	0.000101793	South Africa	Both
cor324	Cardiomyopathy and myocarditis	-0.469658765	0.008830276	South Africa	Both
cor325	Maternal disorders	0.351448403	0.05685486	South Africa	Both
cor326	Non-melanoma skin cancer	-0.3523057	0.056211426	South Africa	Both
cor327	Rheumatoid arthritis	-0.070521729	0.711149964	South Africa	Both
cor328	Non-rheumatic valvular heart disease	-0.148967112	0.432069563	South Africa	Both
cor329	Chronic obstructive pulmonary disease	-0.419602646	0.020982606	South Africa	Both
cor330	Asthma	0.0479798	0.801215439	South Africa	Both
cor331	Cirrhosis and other chronic liver diseases	0.050801238	0.789778234	South Africa	Both
cor332	Hodgkin lymphoma	-0.040803869	0.830481249	South Africa	Both
cor333	Non-Hodgkin lymphoma	-0.391299321	0.032495861	South Africa	Both
cor334	Multiple myeloma	-0.496060998	0.005305134	South Africa	Both
cor335	Leukemia	-0.396795099	0.029931138	South Africa	Both

cor336	Inflammatory bowel disease	-0.16181606	0.392942493	South Africa	Female
cor337	Multiple sclerosis	-0.609604866	0.000348893	South Africa	Female
cor338	Diabetes mellitus	-0.622996651	0.00023591	South Africa	Female
cor339	Rheumatic heart disease	0.479334726	0.00735957	South Africa	Female
cor340	Ischemic heart disease	-0.632449838	0.00017702	South Africa	Female
cor341	Hypertensive heart disease	-0.66008897	7.22E-05	South Africa	Female
cor342	Cardiomyopathy and myocarditis	-0.333083207	0.072080883	South Africa	Female
cor343	Maternal disorders	0.551006719	0.001601718	South Africa	Female
cor344	Non-melanoma skin cancer	-0.547081082	0.001756679	South Africa	Female
cor345	Rheumatoid arthritis	0.037238768	0.84510656	South Africa	Female
cor346	Non-rheumatic valvular heart disease	0.092684858	0.626162223	South Africa	Female
cor347	Chronic obstructive pulmonary disease	-0.494167326	0.005509891	South Africa	Female
cor348	Asthma	0.326145506	0.078590598	South Africa	Female
cor349	Cirrhosis and other chronic liver diseases	0.285438317	0.1262672	South Africa	Female
cor350	Hodgkin lymphoma	0.007887709	0.967002877	South Africa	Female
cor351	Non-Hodgkin lymphoma	-0.288051781	0.122682542	South Africa	Female
cor352	Multiple myeloma	-0.642925388	0.000127333	South Africa	Female

cor353	Leukemia	-0.216897829	0.249613628	South Africa	Female
cor354	Inflammatory bowel disease	-0.438138794	0.015449234	South Africa	Male
cor355	Multiple sclerosis	-0.304998698	0.10123829	South Africa	Male
cor356	Diabetes mellitus	-0.188366772	0.318838238	South Africa	Male
cor357	Rheumatic heart disease	-0.304070422	0.102334325	South Africa	Male
cor358	Ischemic heart disease	-0.561939814	0.001231055	South Africa	Male
cor359	Hypertensive heart disease	-0.553071188	0.001525099	South Africa	Male
cor360	Cardiomyopathy and myocarditis	-0.476907786	0.007707394	South Africa	Male
16	Maternal disorders	0	1	South Africa	Male
cor361	Non-melanoma skin cancer	0.128073814	0.500013968	South Africa	Male
cor362	Rheumatoid arthritis	-0.393142144	0.031616769	South Africa	Male
cor363	Non-rheumatic valvular heart disease	-0.226477017	0.228794341	South Africa	Male
cor364	Chronic obstructive pulmonary disease	-0.514380515	0.003636975	South Africa	Male
cor365	Asthma	-0.471101363	0.008596437	South Africa	Male
cor366	Cirrhosis and other chronic liver diseases	-0.395105629	0.030701424	South Africa	Male
cor367	Hodgkin lymphoma	-0.40513227	0.026356422	South Africa	Male
cor368	Non-Hodgkin lymphoma	-0.172899424	0.360886669	South Africa	Male

cor369	Multiple myeloma	-0.086048931	0.651180417	South Africa	Male
cor370	Leukemia	-0.474071764	0.008131381	South Africa	Male
cor371	Inflammatory bowel disease	-0.804253853	8.58E-08	India	Both
cor372	Multiple sclerosis	0.841719371	5.61E-09	India	Both
cor373	Diabetes mellitus	0.909294035	3.56E-12	India	Both
cor374	Rheumatic heart disease	-0.906991049	4.99E-12	India	Both
cor375	Ischemic heart disease	0.811234733	5.40E-08	India	Both
cor376	Hypertensive heart disease	0.610246204	0.000342552	India	Both
cor377	Cardiomyopathy and myocarditis	0.774023951	5.23E-07	India	Both
cor378	Maternal disorders	-0.949083575	1.41E-15	India	Both
cor379	Non-melanoma skin cancer	0.842540066	5.24E-09	India	Both
cor380	Rheumatoid arthritis	0.85103983	2.55E-09	India	Both
cor381	Non-rheumatic valvular heart disease	0.79199648	1.85E-07	India	Both
cor382	Chronic obstructive pulmonary disease	0.772348705	5.74E-07	India	Both
cor383	Asthma	-0.939704261	1.42E-14	India	Both
cor384	Cirrhosis and other chronic liver diseases	0.912124248	2.33E-12	India	Both
cor385	Hodgkin lymphoma	-0.962375153	2.22E-17	India	Both
cor386	Non-Hodgkin lymphoma	0.883480399	1.01E-10	India	Both

cor387	Multiple myeloma	0.868869601	4.80E-10	India	Both
cor388	Leukemia	-0.910884315	2.81E-12	India	Both
cor389	Inflammatory bowel disease	-0.502431201	0.004663278	India	Female
cor390	Multiple sclerosis	0.808786937	6.37E-08	India	Female
cor391	Diabetes mellitus	0.897751436	1.77E-11	India	Female
cor392	Rheumatic heart disease	-0.854571425	1.86E-09	India	Female
cor393	Ischemic heart disease	0.777929966	4.21E-07	India	Female
cor394	Hypertensive heart disease	0.588757829	0.000620308	India	Female
cor395	Cardiomyopathy and myocarditis	0.714013441	9.39E-06	India	Female
cor396	Maternal disorders	-0.949724873	1.19E-15	India	Female
cor397	Non-melanoma skin cancer	0.830313548	1.38E-08	India	Female
cor398	Rheumatoid arthritis	0.844451136	4.47E-09	India	Female
cor399	Non-rheumatic valvular heart disease	0.778946614	3.97E-07	India	Female
cor400	Chronic obstructive pulmonary disease	0.779975014	3.75E-07	India	Female
cor401	Asthma	-0.861117488	1.02E-09	India	Female
cor402	Cirrhosis and other chronic liver diseases	0.59828479	0.000479206	India	Female
cor403	Hodgkin lymphoma	-0.95404648	3.46E-16	India	Female
cor404	Non-Hodgkin lymphoma	0.857563266	1.42E-09	India	Female

cor405	Multiple myeloma	0.860816854	1.05E-09	India	Female
cor406	Leukemia	-0.910642283	2.91E-12	India	Female
cor407	Inflammatory bowel disease	-0.854916125	1.81E-09	India	Male
cor408	Multiple sclerosis	0.872272325	3.39E-10	India	Male
cor409	Diabetes mellitus	0.916510858	1.17E-12	India	Male
cor410	Rheumatic heart disease	-0.910042593	3.19E-12	India	Male
cor411	Ischemic heart disease	0.827814861	1.66E-08	India	Male
cor412	Hypertensive heart disease	0.621063895	0.000249892	India	Male
cor413	Cardiomyopathy and myocarditis	0.79960033	1.16E-07	India	Male
17	Maternal disorders	0	1	India	Male
cor414	Non-melanoma skin cancer	0.846736541	3.69E-09	India	Male
cor415	Rheumatoid arthritis	0.863243147	8.33E-10	India	Male
cor416	Non-rheumatic valvular heart disease	0.80319596	9.19E-08	India	Male
cor417	Chronic obstructive pulmonary disease	0.744343599	2.41E-06	India	Male
cor418	Asthma	-0.953341161	4.26E-16	India	Male
cor419	Cirrhosis and other chronic liver diseases	0.911173563	2.69E-12	India	Male
cor420	Hodgkin lymphoma	-0.960906535	3.75E-17	India	Male
cor421	Non-Hodgkin lymphoma	0.899523067	1.40E-11	India	Male

cor422	Multiple myeloma	0.871766717	3.57E-10	India	Male
cor423	Leukemia	-0.885753076	7.76E-11	India	Male
cor424	Inflammatory bowel disease	-0.150674791	0.426750003	Canada	Both
cor425	Multiple sclerosis	-0.537696121	0.00218089	Canada	Both
cor426	Diabetes mellitus	-0.25262891	0.178019884	Canada	Both
cor427	Rheumatic heart disease	0.816920147	3.66E-08	Canada	Both
cor428	Ischemic heart disease	0.660657706	7.08E-05	Canada	Both
cor429	Hypertensive heart disease	-0.242169285	0.19727745	Canada	Both
cor430	Cardiomyopathy and myocarditis	0.714972537	9.02E-06	Canada	Both
cor431	Maternal disorders	-0.251118953	0.180714938	Canada	Both
cor432	Non-melanoma skin cancer	-0.377157097	0.039920333	Canada	Both
cor433	Rheumatoid arthritis	-0.021980378	0.908215611	Canada	Both
cor434	Non-rheumatic valvular heart disease	-0.300279742	0.106902851	Canada	Both
cor435	Chronic obstructive pulmonary disease	-0.246974047	0.188259838	Canada	Both
cor436	Asthma	0.667205865	5.65E-05	Canada	Both
cor437	Cirrhosis and other chronic liver diseases	-0.266372718	0.154780819	Canada	Both
cor438	Hodgkin lymphoma	0.681178882	3.42E-05	Canada	Both
cor439	Non-Hodgkin lymphoma	-0.147819386	0.435665127	Canada	Both

cor440	Multiple myeloma	-0.319328827	0.085418059	Canada	Both
cor441	Leukemia	-0.193406178	0.305822819	Canada	Both
cor442	Inflammatory bowel disease	0.084185795	0.658273459	Canada	Female
cor443	Multiple sclerosis	-0.951574915	7.09E-16	Canada	Female
cor444	Diabetes mellitus	-0.000720444	0.996985316	Canada	Female
cor445	Rheumatic heart disease	0.954620581	2.91E-16	Canada	Female
cor446	Ischemic heart disease	0.929079541	1.29E-13	Canada	Female
cor447	Hypertensive heart disease	-0.777549932	4.30E-07	Canada	Female
cor448	Cardiomyopathy and myocarditis	0.209307646	0.266971704	Canada	Female
cor449	Maternal disorders	-0.021841559	0.908792881	Canada	Female
cor450	Non-melanoma skin cancer	-0.859200706	1.22E-09	Canada	Female
cor451	Rheumatoid arthritis	-0.038245456	0.840971435	Canada	Female
cor452	Non-rheumatic valvular heart disease	-0.834813779	9.74E-09	Canada	Female
cor453	Chronic obstructive pulmonary disease	-0.947543241	2.12E-15	Canada	Female
cor454	Asthma	0.973779457	1.51E-19	Canada	Female
cor455	Cirrhosis and other chronic liver diseases	-0.855745421	1.68E-09	Canada	Female
cor456	Hodgkin lymphoma	0.979807007	4.06E-21	Canada	Female
cor457	Non-Hodgkin lymphoma	-0.385523667	0.035379968	Canada	Female

cor458	Multiple myeloma	-0.876504689	2.18E-10	Canada	Female
cor459	Leukemia	-0.609923906	0.000345726	Canada	Female
cor460	Inflammatory bowel disease	0.302300206	0.104449159	Canada	Male
cor461	Multiple sclerosis	0.965677057	6.25E-18	Canada	Male
cor462	Diabetes mellitus	0.413497107	0.023128039	Canada	Male
cor463	Rheumatic heart disease	-0.049239961	0.796102025	Canada	Male
cor464	Ischemic heart disease	-0.873248952	3.07E-10	Canada	Male
cor465	Hypertensive heart disease	0.875401819	2.45E-10	Canada	Male
cor466	Cardiomyopathy and myocarditis	-0.399602236	0.028686028	Canada	Male
18	Maternal disorders	0	1	Canada	Male
cor467	Non-melanoma skin cancer	0.898931527	1.52E-11	Canada	Male
cor468	Rheumatoid arthritis	0.904387992	7.22E-12	Canada	Male
cor469	Non-rheumatic valvular heart disease	0.856731828	1.53E-09	Canada	Male
cor470	Chronic obstructive pulmonary disease	0.190441523	0.313438811	Canada	Male
cor471	Asthma	-0.918505279	8.43E-13	Canada	Male
cor472	Cirrhosis and other chronic liver diseases	0.887469167	6.35E-11	Canada	Male
cor473	Hodgkin lymphoma	-0.890416727	4.46E-11	Canada	Male
cor474	Non-Hodgkin lymphoma	0.767250162	7.56E-07	Canada	Male

cor475	Multiple myeloma	0.948749648	1.54E-15	Canada	Male
cor476	Leukemia	0.845774327	4.00E-09	Canada	Male
cor477	Inflammatory bowel disease	-0.878035963	1.84E-10	Republic of Korea	Both
cor478	Multiple sclerosis	0.945824656	3.29E-15	Republic of Korea	Both
cor479	Diabetes mellitus	0.34972263	0.058167672	Republic of Korea	Both
cor480	Rheumatic heart disease	-0.554266635	0.001482206	Republic of Korea	Both
cor481	Ischemic heart disease	-0.218737287	0.245521905	Republic of Korea	Both
cor482	Hypertensive heart disease	0.584346724	0.000697173	Republic of Korea	Both
cor483	Cardiomyopathy and myocarditis	0.946928957	2.49E-15	Republic of Korea	Both
cor484	Maternal disorders	-0.843824027	4.71E-09	Republic of Korea	Both
cor485	Non-melanoma skin cancer	0.620845588	0.000251516	Republic of Korea	Both
cor486	Rheumatoid arthritis	-0.280493595	0.133259364	Republic of Korea	Both
cor487	Non-rheumatic valvular heart disease	0.997979468	4.57E-35	Republic of Korea	Both
cor488	Chronic obstructive pulmonary disease	0.825491665	1.98E-08	Republic of Korea	Both
cor489	Asthma	-0.900339611	1.26E-11	Republic of Korea	Both
cor490	Cirrhosis and other chronic liver diseases	-0.850471789	2.68E-09	Republic of Korea	Both
cor491	Hodgkin lymphoma	0.965870574	5.78E-18	Republic of Korea	Both
cor492	Non-Hodgkin lymphoma	0.939549912	1.47E-14	Republic of Korea	Both

cor493	Multiple myeloma	0.984736321	8.31E-23	Republic of Korea	Both
cor494	Leukemia	-0.007646305	0.968012237	Republic of Korea	Both
cor495	Inflammatory bowel disease	-0.829686925	1.45E-08	Republic of Korea	Female
cor496	Multiple sclerosis	0.84371669	4.75E-09	Republic of Korea	Female
cor497	Diabetes mellitus	0.096575455	0.611678924	Republic of Korea	Female
cor498	Rheumatic heart disease	-0.43985832	0.015004218	Republic of Korea	Female
cor499	Ischemic heart disease	0.05002941	0.792902836	Republic of Korea	Female
cor500	Hypertensive heart disease	0.583861988	0.000706109	Republic of Korea	Female
cor501	Cardiomyopathy and myocarditis	0.966137101	5.19E-18	Republic of Korea	Female
cor502	Maternal disorders	-0.686727435	2.78E-05	Republic of Korea	Female
cor503	Non-melanoma skin cancer	0.534442187	0.002347363	Republic of Korea	Female
cor504	Rheumatoid arthritis	-0.158454393	0.402977754	Republic of Korea	Female
cor505	Non-rheumatic valvular heart disease	0.950294785	1.01E-15	Republic of Korea	Female
cor506	Chronic obstructive pulmonary disease	0.556236671	0.001413809	Republic of Korea	Female
cor507	Asthma	-0.778723783	4.02E-07	Republic of Korea	Female
cor508	Cirrhosis and other chronic liver diseases	-0.587873402	0.000635094	Republic of Korea	Female
cor509	Hodgkin lymphoma	0.916179948	1.23E-12	Republic of Korea	Female

cor510	Non-Hodgkin lymphoma	0.858916257	1.25E-09	Republic of Korea	Female
cor511	Multiple myeloma	0.914693498	1.56E-12	Republic of Korea	Female
cor512	Leukemia	0.061272008	0.747723329	Republic of Korea	Female
cor513	Inflammatory bowel disease	-0.847228135	3.54E-09	Republic of Korea	Male
cor514	Multiple sclerosis	0.964168032	1.13E-17	Republic of Korea	Male
cor515	Diabetes mellitus	0.446388927	0.013410074	Republic of Korea	Male
cor516	Rheumatic heart disease	-0.755588746	1.39E-06	Republic of Korea	Male
cor517	Ischemic heart disease	-0.330895232	0.074087128	Republic of Korea	Male
cor518	Hypertensive heart disease	-0.419225025	0.021110363	Republic of Korea	Male
cor519	Cardiomyopathy and myocarditis	0.963343437	1.55E-17	Republic of Korea	Male
19	Maternal disorders	0	1	Republic of Korea	Male
cor520	Non-melanoma skin cancer	0.407295715	0.02548815	Republic of Korea	Male
cor521	Rheumatoid arthritis	-0.836724963	8.38E-09	Republic of Korea	Male
cor522	Non-rheumatic valvular heart disease	0.993571878	4.84E-28	Republic of Korea	Male
cor523	Chronic obstructive pulmonary disease	0.891105232	4.10E-11	Republic of Korea	Male
cor524	Asthma	-0.933670358	5.19E-14	Republic of Korea	Male
cor525	Cirrhosis and other chronic liver diseases	-0.905746884	5.96E-12	Republic of Korea	Male

cor526	Hodgkin lymphoma	0.961999157	2.54E-17	Republic of Korea	Male
cor527	Non-Hodgkin lymphoma	0.951107593	8.09E-16	Republic of Korea	Male
cor528	Multiple myeloma	0.994220559	1.10E-28	Republic of Korea	Male
cor529	Leukemia	0.096948017	0.610299393	Republic of Korea	Male
cor530	Inflammatory bowel disease	0.344573573	0.062226424	Germany	Both
cor531	Multiple sclerosis	0.342185214	0.064182655	Germany	Both
cor532	Diabetes mellitus	-0.251158455	0.180644069	Germany	Both
cor533	Rheumatic heart disease	0.07437355	0.69609807	Germany	Both
cor534	Ischemic heart disease	-0.340942433	0.065219381	Germany	Both
cor535	Hypertensive heart disease	0.309101528	0.096499561	Germany	Both
cor536	Cardiomyopathy and myocarditis	-0.312047242	0.093202113	Germany	Both
cor537	Maternal disorders	-0.333757675	0.071470991	Germany	Both
cor538	Non-melanoma skin cancer	0.24418596	0.193456845	Germany	Both
cor539	Rheumatoid arthritis	-0.228902408	0.223714261	Germany	Both
cor540	Non-rheumatic valvular heart disease	0.305543211	0.100599496	Germany	Both
cor541	Chronic obstructive pulmonary disease	0.200821404	0.287286288	Germany	Both
cor542	Asthma	-0.329115517	0.075750607	Germany	Both
cor543	Cirrhosis and other chronic liver diseases	-0.281332739	0.132053238	Germany	Both

cor544	Hodgkin lymphoma	-0.298596795	0.108979397	Germany	Both
cor545	Non-Hodgkin lymphoma	0.328576668	0.0762599	Germany	Both
cor546	Multiple myeloma	0.327579988	0.077208863	Germany	Both
cor547	Leukemia	0.317375444	0.087455676	Germany	Both
cor548	Inflammatory bowel disease	-0.123750914	0.514709532	Germany	Female
cor549	Multiple sclerosis	-0.060253917	0.751783501	Germany	Female
cor550	Diabetes mellitus	0.172219354	0.362807668	Germany	Female
cor551	Rheumatic heart disease	0.219627742	0.243557226	Germany	Female
cor552	Ischemic heart disease	0.196479178	0.298052031	Germany	Female
cor553	Hypertensive heart disease	-0.163505211	0.387954583	Germany	Female
cor554	Cardiomyopathy and myocarditis	0.175868348	0.352571186	Germany	Female
cor555	Maternal disorders	0.185367365	0.326745103	Germany	Female
cor556	Non-melanoma skin cancer	-0.065731359	0.730018454	Germany	Female
cor557	Rheumatoid arthritis	0.202144129	0.284056784	Germany	Female
cor558	Non-rheumatic valvular heart disease	-0.137178856	0.469765097	Germany	Female
cor559	Chronic obstructive pulmonary disease	-0.102858643	0.588590841	Germany	Female
cor560	Asthma	0.21146043	0.261970766	Germany	Female
cor561	Cirrhosis and other chronic liver diseases	0.187013596	0.322390622	Germany	Female

cor562	Hodgkin lymphoma	0.222963217	0.23629088	Germany	Female
cor563	Non-Hodgkin lymphoma	-0.176779155	0.350043327	Germany	Female
cor564	Multiple myeloma	-0.211947395	0.260848087	Germany	Female
cor565	Leukemia	-0.008339369	0.965114527	Germany	Female
cor566	Inflammatory bowel disease	0.568148336	0.001055853	Germany	Male
cor567	Multiple sclerosis	0.489129519	0.006087704	Germany	Male
cor568	Diabetes mellitus	0.378295575	0.039276393	Germany	Male
cor569	Rheumatic heart disease	0.148347538	0.434008526	Germany	Male
cor570	Ischemic heart disease	-0.619371914	0.000262729	Germany	Male
cor571	Hypertensive heart disease	0.462246607	0.010118139	Germany	Male
cor572	Cardiomyopathy and myocarditis	-0.316159532	0.088742605	Germany	Male
110	Maternal disorders	0	1	Germany	Male
cor573	Non-melanoma skin cancer	0.478615867	0.00746118	Germany	Male
cor574	Rheumatoid arthritis	-0.029034775	0.878946837	Germany	Male
cor575	Non-rheumatic valvular heart disease	0.500047833	0.00489518	Germany	Male
cor576	Chronic obstructive pulmonary disease	0.074240423	0.696616451	Germany	Male
cor577	Asthma	-0.625891039	0.000216266	Germany	Male
cor578	Cirrhosis and other chronic liver diseases	-0.523260784	0.003005957	Germany	Male

cor579	Hodgkin lymphoma	-0.58302476	0.00072178	Germany	Male
cor580	Non-Hodgkin lymphoma	0.555044098	0.001454877	Germany	Male
cor581	Multiple myeloma	0.61653143	0.000285596	Germany	Male
cor582	Leukemia	0.554721799	0.001466153	Germany	Male
cor583	Inflammatory bowel disease	-0.535973991	0.002267674	China	Both
cor584	Multiple sclerosis	0.271737633	0.146328727	China	Both
cor585	Diabetes mellitus	0.68016872	3.55E-05	China	Both
cor586	Rheumatic heart disease	-0.688382745	2.61E-05	China	Both
cor587	Ischemic heart disease	0.606350597	0.00038269	China	Both
cor588	Hypertensive heart disease	-0.499114508	0.004988641	China	Both
cor589	Cardiomyopathy and myocarditis	0.737353782	3.35E-06	China	Both
cor590	Maternal disorders	-0.772355466	5.74E-07	China	Both
cor591	Non-melanoma skin cancer	0.628073709	0.000202426	China	Both
cor592	Rheumatoid arthritis	0.740874404	2.84E-06	China	Both
cor593	Non-rheumatic valvular heart disease	0.65184224	9.53E-05	China	Both
cor594	Chronic obstructive pulmonary disease	-0.653741464	8.94E-05	China	Both
cor595	Asthma	-0.699450448	1.70E-05	China	Both
cor596	Cirrhosis and other chronic liver diseases	-0.418267464	0.021437197	China	Both

cor597	Hodgkin lymphoma	-0.827528022	1.70E-08	China	Both
cor598	Non-Hodgkin lymphoma	0.506493997	0.004289603	China	Both
cor599	Multiple myeloma	0.494453225	0.005478553	China	Both
cor600	Leukemia	-0.796908073	1.37E-07	China	Both
cor601	Inflammatory bowel disease	0.865627364	6.61E-10	China	Female
cor602	Multiple sclerosis	0.15112329	0.4253589	China	Female
cor603	Diabetes mellitus	-0.682538165	3.25E-05	China	Female
cor604	Rheumatic heart disease	0.749820179	1.85E-06	China	Female
cor605	Ischemic heart disease	-0.836813572	8.32E-09	China	Female
cor606	Hypertensive heart disease	-0.56216294	0.001224344	China	Female
cor607	Cardiomyopathy and myocarditis	-0.647160078	0.000111067	China	Female
cor608	Maternal disorders	0.692565797	2.23E-05	China	Female
cor609	Non-melanoma skin cancer	-0.823977931	2.21E-08	China	Female
cor610	Rheumatoid arthritis	-0.712897781	9.84E-06	China	Female
cor611	Non-rheumatic valvular heart disease	0.635919929	0.00015893	China	Female
cor612	Chronic obstructive pulmonary disease	0.792745359	1.77E-07	China	Female
cor613	Asthma	0.783920091	2.99E-07	China	Female
cor614	Cirrhosis and other chronic liver diseases	0.822287856	2.50E-08	China	Female

cor615	Hodgkin lymphoma	0.620054828	0.000257479	China	Female
cor616	Non-Hodgkin lymphoma	-0.965072837	7.95E-18	China	Female
cor617	Multiple myeloma	-0.919950465	6.63E-13	China	Female
cor618	Leukemia	0.673656023	4.50E-05	China	Female
cor619	Inflammatory bowel disease	-0.857055073	1.49E-09	China	Male
cor620	Multiple sclerosis	0.894418467	2.72E-11	China	Male
cor621	Diabetes mellitus	0.926579852	2.06E-13	China	Male
cor622	Rheumatic heart disease	-0.874521037	2.68E-10	China	Male
cor623	Ischemic heart disease	0.914033456	1.73E-12	China	Male
cor624	Hypertensive heart disease	0.070103668	0.712790179	China	Male
cor625	Cardiomyopathy and myocarditis	0.951112463	8.08E-16	China	Male
111	Maternal disorders	0	1	China	Male
cor626	Non-melanoma skin cancer	0.922826339	4.04E-13	China	Male
cor627	Rheumatoid arthritis	0.965171629	7.65E-18	China	Male
cor628	Non-rheumatic valvular heart disease	0.943198484	6.29E-15	China	Male
cor629	Chronic obstructive pulmonary disease	-0.907110203	4.90E-12	China	Male
cor630	Asthma	-0.957920596	1.03E-16	China	Male
cor631	Cirrhosis and other chronic liver diseases	-0.613911344	0.000308231	China	Male

cor632	Hodgkin lymphoma	-0.979563699	4.79E-21	China	Male
cor633	Non-Hodgkin lymphoma	0.884955367	8.51E-11	China	Male
cor634	Multiple myeloma	0.871013954	3.86E-10	China	Male
cor635	Leukemia	-0.944345213	4.76E-15	China	Male
cor636	Inflammatory bowel disease	0.641776939	0.000132095	Italy	Both
cor637	Multiple sclerosis	0.409225514	0.024733514	Italy	Both
cor638	Diabetes mellitus	0.168997389	0.371990745	Italy	Both
cor639	Rheumatic heart disease	-0.738495962	3.18E-06	Italy	Both
cor640	Ischemic heart disease	-0.621781118	0.00024462	Italy	Both
cor641	Hypertensive heart disease	0.539749023	0.002081205	Italy	Both
cor642	Cardiomyopathy and myocarditis	-0.753490163	1.54E-06	Italy	Both
cor643	Maternal disorders	-0.563023739	0.001198755	Italy	Both
cor644	Non-melanoma skin cancer	0.285848538	0.125699496	Italy	Both
cor645	Rheumatoid arthritis	0.511837609	0.003837389	Italy	Both
cor646	Non-rheumatic valvular heart disease	0.568671392	0.001042141	Italy	Both
cor647	Chronic obstructive pulmonary disease	0.489023117	0.006100443	Italy	Both
cor648	Asthma	-0.785135686	2.78E-07	Italy	Both
cor649	Cirrhosis and other chronic liver diseases	-0.671314118	4.89E-05	Italy	Both

cor650	Hodgkin lymphoma	-0.837192513	8.08E-09	Italy	Both
cor651	Non-Hodgkin lymphoma	0.771821238	5.91E-07	Italy	Both
cor652	Multiple myeloma	0.648148401	0.000107548	Italy	Both
cor653	Leukemia	0.651853689	9.52E-05	Italy	Both
cor654	Inflammatory bowel disease	0.40336696	0.027082666	Italy	Female
cor655	Multiple sclerosis	0.109508076	0.564580748	Italy	Female
cor656	Diabetes mellitus	-0.722205576	6.62E-06	Italy	Female
cor657	Rheumatic heart disease	-0.529206411	0.002638305	Italy	Female
cor658	Ischemic heart disease	-0.239567296	0.202283626	Italy	Female
cor659	Hypertensive heart disease	0.241635354	0.198297665	Italy	Female
cor660	Cardiomyopathy and myocarditis	-0.497873261	0.005115293	Italy	Female
cor661	Maternal disorders	-0.341700802	0.064585211	Italy	Female
cor662	Non-melanoma skin cancer	-0.052256115	0.78389716	Italy	Female
cor663	Rheumatoid arthritis	0.316654631	0.08821686	Italy	Female
cor664	Non-rheumatic valvular heart disease	0.294533981	0.114116478	Italy	Female
cor665	Chronic obstructive pulmonary disease	0.271246107	0.147088901	Italy	Female
cor666	Asthma	-0.503924867	0.004522786	Italy	Female
cor667	Cirrhosis and other chronic liver diseases	-0.257705756	0.169166089	Italy	Female

cor668	Hodgkin lymphoma	-0.665118337	6.08E-05	Italy	Female
cor669	Non-Hodgkin lymphoma	0.754943014	1.43E-06	Italy	Female
cor670	Multiple myeloma	0.422262596	0.020100611	Italy	Female
cor671	Leukemia	0.439065027	0.015208179	Italy	Female
cor672	Inflammatory bowel disease	0.77751413	4.31E-07	Italy	Male
cor673	Multiple sclerosis	0.592314303	0.000563862	Italy	Male
cor674	Diabetes mellitus	0.716423562	8.48E-06	Italy	Male
cor675	Rheumatic heart disease	-0.854739754	1.83E-09	Italy	Male
cor676	Ischemic heart disease	-0.830496271	1.36E-08	Italy	Male
cor677	Hypertensive heart disease	0.726406912	5.50E-06	Italy	Male
cor678	Cardiomyopathy and myocarditis	-0.89330554	3.13E-11	Italy	Male
112	Maternal disorders	0	1	Italy	Male
cor679	Non-melanoma skin cancer	0.529270184	0.002634582	Italy	Male
cor680	Rheumatoid arthritis	0.636485536	0.000156143	Italy	Male
cor681	Non-rheumatic valvular heart disease	0.720883947	7.01E-06	Italy	Male
cor682	Chronic obstructive pulmonary disease	0.393240884	0.031570216	Italy	Male
cor683	Asthma	-0.916383195	1.19E-12	Italy	Male
cor684	Cirrhosis and other chronic liver diseases	-0.862511293	8.93E-10	Italy	Male

cor685	Hodgkin lymphoma	-0.881426378	1.27E-10	Italy	Male
cor686	Non-Hodgkin lymphoma	0.789398014	2.16E-07	Italy	Male
cor687	Multiple myeloma	0.789300147	2.18E-07	Italy	Male
cor688	Leukemia	0.793468257	1.69E-07	Italy	Male
cor689	Inflammatory bowel disease	-0.700175069	1.65E-05	Russian Federation	Both
cor690	Multiple sclerosis	0.781931123	3.35E-07	Russian Federation	Both
cor691	Diabetes mellitus	-0.820398698	2.86E-08	Russian Federation	Both
cor692	Rheumatic heart disease	0.815675979	3.99E-08	Russian Federation	Both
cor693	Ischemic heart disease	0.284786196	0.127173551	Russian Federation	Both
cor694	Hypertensive heart disease	-0.45513453	0.011498889	Russian Federation	Both
cor695	Cardiomyopathy and myocarditis	-0.109292344	0.565352678	Russian Federation	Both
cor696	Maternal disorders	0.814030172	4.47E-08	Russian Federation	Both
cor697	Non-melanoma skin cancer	-0.718935145	7.62E-06	Russian Federation	Both
cor698	Rheumatoid arthritis	0.46402591	0.00979541	Russian Federation	Both
cor699	Non-rheumatic valvular heart disease	-0.839587642	6.67E-09	Russian Federation	Both
cor700	Chronic obstructive pulmonary disease	0.686734323	2.78E-05	Russian Federation	Both
cor701	Asthma	0.774021429	5.23E-07	Russian Federation	Both
cor702	Cirrhosis and other chronic liver diseases	-0.484172781	0.006705745	Russian Federation	Both

cor703	Hodgkin lymphoma	0.847083299	3.58E-09	Russian Federation	Both
cor704	Non-Hodgkin lymphoma	-0.574570542	0.000897937	Russian Federation	Both
cor705	Multiple myeloma	-0.851849885	2.37E-09	Russian Federation	Both
cor706	Leukemia	0.498062075	0.005095852	Russian Federation	Both
cor707	Inflammatory bowel disease	-0.832893294	1.13E-08	Russian Federation	Female
cor708	Multiple sclerosis	0.779603381	3.83E-07	Russian Federation	Female
cor709	Diabetes mellitus	-0.797799776	1.29E-07	Russian Federation	Female
cor710	Rheumatic heart disease	0.870381714	4.12E-10	Russian Federation	Female
cor711	Ischemic heart disease	0.126559774	0.505136829	Russian Federation	Female
cor712	Hypertensive heart disease	-0.613019858	0.000316287	Russian Federation	Female
cor713	Cardiomyopathy and myocarditis	-0.340448069	0.065635388	Russian Federation	Female
cor714	Maternal disorders	0.8995406	1.40E-11	Russian Federation	Female
cor715	Non-melanoma skin cancer	-0.841143135	5.88E-09	Russian Federation	Female
cor716	Rheumatoid arthritis	0.573060664	0.000933074	Russian Federation	Female
cor717	Non-rheumatic valvular heart disease	-0.906430909	5.41E-12	Russian Federation	Female
cor718	Chronic obstructive pulmonary disease	0.696741298	1.89E-05	Russian Federation	Female
cor719	Asthma	0.847421688	3.48E-09	Russian Federation	Female

cor720	Cirrhosis and other chronic liver diseases	-0.626315337	0.000213512	Russian Federation	Female
cor721	Hodgkin lymphoma	0.850817406	2.60E-09	Russian Federation	Female
cor722	Non-Hodgkin lymphoma	-0.750609631	1.78E-06	Russian Federation	Female
cor723	Multiple myeloma	-0.912807477	2.10E-12	Russian Federation	Female
cor724	Leukemia	0.313403053	0.091713443	Russian Federation	Female
cor725	Inflammatory bowel disease	-0.236951605	0.207403669	Russian Federation	Male
cor726	Multiple sclerosis	0.762756306	9.59E-07	Russian Federation	Male
cor727	Diabetes mellitus	-0.665578227	5.98E-05	Russian Federation	Male
cor728	Rheumatic heart disease	0.583956383	0.000704361	Russian Federation	Male
cor729	Ischemic heart disease	0.636574613	0.000155708	Russian Federation	Male
cor730	Hypertensive heart disease	-0.002489885	0.989581387	Russian Federation	Male
cor731	Cardiomyopathy and myocarditis	0.326775833	0.077981126	Russian Federation	Male
113	Maternal disorders	0	1	Russian Federation	Male
cor732	Non-melanoma skin cancer	-0.292670835	0.116531614	Russian Federation	Male
cor733	Rheumatoid arthritis	-0.052144865	0.784346459	Russian Federation	Male
cor734	Non-rheumatic valvular heart disease	-0.410559268	0.02422272	Russian Federation	Male
cor735	Chronic obstructive pulmonary disease	0.54815374	0.001713096	Russian Federation	Male

cor736	Asthma	0.500210062	0.004879089	Russian Federation	Male
cor737	Cirrhosis and other chronic liver diseases	-0.066253469	0.727954203	Russian Federation	Male
cor738	Hodgkin lymphoma	0.711283153	1.05E-05	Russian Federation	Male
cor739	Non-Hodgkin lymphoma	-0.10590578	0.577532792	Russian Federation	Male
cor740	Multiple myeloma	-0.567373982	0.001076442	Russian Federation	Male
cor741	Leukemia	0.712002511	1.02E-05	Russian Federation	Male
cor742	Inflammatory bowel disease	-0.943653686	5.63E-15	United States of America	Both
cor743	Multiple sclerosis	-0.899631378	1.38E-11	United States of America	Both
cor744	Diabetes mellitus	-0.057441531	0.76303287	United States of America	Both
cor745	Rheumatic heart disease	0.872551752	3.30E-10	United States of America	Both
cor746	Ischemic heart disease	0.971368516	5.11E-19	United States of America	Both
cor747	Hypertensive heart disease	-0.865766084	6.52E-10	United States of America	Both
cor748	Cardiomyopathy and myocarditis	0.931478941	8.07E-14	United States of America	Both
cor749	Maternal disorders	-0.973542461	1.72E-19	United States of America	Both
cor750	Non-melanoma skin cancer	-0.774699487	5.04E-07	United States of America	Both
cor751	Rheumatoid arthritis	-0.583232025	0.000717872	United States of America	Both

cor752	Non-rheumatic valvular heart disease	-0.517449509	0.003407127	United States of America	Both
cor753	Chronic obstructive pulmonary disease	-0.842377329	5.31E-09	United States of America	Both
cor754	Asthma	0.982223223	6.92E-22	United States of America	Both
cor755	Cirrhosis and other chronic liver diseases	-0.863268952	8.31E-10	United States of America	Both
cor756	Hodgkin lymphoma	0.877481279	1.96E-10	United States of America	Both
cor757	Non-Hodgkin lymphoma	0.869421475	4.54E-10	United States of America	Both
cor758	Multiple myeloma	-0.618224718	0.000271762	United States of America	Both
cor759	Leukemia	-0.432679572	0.016935432	United States of America	Both
cor760	Inflammatory bowel disease	-0.966806329	3.94E-18	United States of America	Female
cor761	Multiple sclerosis	-0.924290064	3.12E-13	United States of America	Female
cor762	Diabetes mellitus	0.409096225	0.024783493	United States of America	Female
cor763	Rheumatic heart disease	0.915210011	1.44E-12	United States of America	Female
cor764	Ischemic heart disease	0.972736315	2.60E-19	United States of America	Female
cor765	Hypertensive heart disease	-0.887809113	6.10E-11	United States of America	Female
cor766	Cardiomyopathy and myocarditis	0.855534504	1.71E-09	United States of America	Female

cor767	Maternal disorders	-0.97148102	4.84E-19	United States of America	Female
cor768	Non-melanoma skin cancer	-0.846039361	3.91E-09	United States of America	Female
cor769	Rheumatoid arthritis	-0.571568714	0.00096897	United States of America	Female
cor770	Non-rheumatic valvular heart disease	-0.617276211	0.000279436	United States of America	Female
cor771	Chronic obstructive pulmonary disease	-0.892771301	3.34E-11	United States of America	Female
cor772	Asthma	0.99131372	3.23E-26	United States of America	Female
cor773	Cirrhosis and other chronic liver diseases	-0.871750099	3.58E-10	United States of America	Female
cor774	Hodgkin lymphoma	0.91921495	7.50E-13	United States of America	Female
cor775	Non-Hodgkin lymphoma	0.885650011	7.85E-11	United States of America	Female
cor776	Multiple myeloma	-0.522439156	0.00306008	United States of America	Female
cor777	Leukemia	0.372284684	0.042772495	United States of America	Female
cor778	Inflammatory bowel disease	-0.894417715	2.72E-11	United States of America	Male
cor779	Multiple sclerosis	-0.854289165	1.91E-09	United States of America	Male
cor780	Diabetes mellitus	-0.521352735	0.003132932	United States of America	Male
cor781	Rheumatic heart disease	0.739899379	2.97E-06	United States of America	Male

cor782	Ischemic heart disease	0.932828042	6.16E-14	United States of America	Male
cor783	Hypertensive heart disease	-0.835077833	9.54E-09	United States of America	Male
cor784	Cardiomyopathy and myocarditis	0.943493944	5.85E-15	United States of America	Male
114	Maternal disorders	0	1	United States of America	Male
cor785	Non-melanoma skin cancer	-0.731657224	4.35E-06	United States of America	Male
cor786	Rheumatoid arthritis	-0.611266059	0.000332679	United States of America	Male
cor787	Non-rheumatic valvular heart disease	-0.344088285	0.062620087	United States of America	Male
cor788	Chronic obstructive pulmonary disease	-0.706435118	1.29E-05	United States of America	Male
cor789	Asthma	0.94992931	1.12E-15	United States of America	Male
cor790	Cirrhosis and other chronic liver diseases	-0.844900239	4.31E-09	United States of America	Male
cor791	Hodgkin lymphoma	0.829350757	1.48E-08	United States of America	Male
cor792	Non-Hodgkin lymphoma	0.766972099	7.67E-07	United States of America	Male
cor793	Multiple myeloma	-0.63224405	0.000178148	United States of America	Male
cor794	Leukemia	-0.517825895	0.003379818	United States of America	Male
cor795	Inflammatory bowel disease	0.959443368	6.22E-17	Brazil	Both

cor796	Multiple sclerosis	0.9704923	7.76E-19	Brazil	Both
cor797	Diabetes mellitus	0.990024911	2.23E-25	Brazil	Both
cor798	Rheumatic heart disease	-0.989992192	2.33E-25	Brazil	Both
cor799	Ischemic heart disease	0.248557818	0.185351432	Brazil	Both
cor800	Hypertensive heart disease	0.978492199	9.73E-21	Brazil	Both
cor801	Cardiomyopathy and myocarditis	-0.432383875	0.017019202	Brazil	Both
cor802	Maternal disorders	-0.855527288	1.71E-09	Brazil	Both
cor803	Non-melanoma skin cancer	0.994302709	8.98E-29	Brazil	Both
cor804	Rheumatoid arthritis	0.980479557	2.54E-21	Brazil	Both
cor805	Non-rheumatic valvular heart disease	0.951630421	6.98E-16	Brazil	Both
cor806	Chronic obstructive pulmonary disease	0.720384672	7.16E-06	Brazil	Both
cor807	Asthma	-0.983686165	2.10E-22	Brazil	Both
cor808	Cirrhosis and other chronic liver diseases	0.888812497	5.41E-11	Brazil	Both
cor809	Hodgkin lymphoma	-0.934273562	4.59E-14	Brazil	Both
cor810	Non-Hodgkin lymphoma	0.989952141	2.46E-25	Brazil	Both
cor811	Multiple myeloma	0.995501933	3.31E-30	Brazil	Both
cor812	Leukemia	0.917487147	9.97E-13	Brazil	Both
cor813	Inflammatory bowel disease	0.954759217	2.79E-16	Brazil	Female

cor814	Multiple sclerosis	0.979172204	6.23E-21	Brazil	Female
cor815	Diabetes mellitus	0.985555259	3.86E-23	Brazil	Female
cor816	Rheumatic heart disease	-0.988280578	2.10E-24	Brazil	Female
cor817	Ischemic heart disease	0.159126591	0.400959584	Brazil	Female
cor818	Hypertensive heart disease	0.970028151	9.62E-19	Brazil	Female
cor819	Cardiomyopathy and myocarditis	-0.604949242	0.000398111	Brazil	Female
cor820	Maternal disorders	-0.870197694	4.19E-10	Brazil	Female
cor821	Non-melanoma skin cancer	0.987120222	7.83E-24	Brazil	Female
cor822	Rheumatoid arthritis	0.97279322	2.53E-19	Brazil	Female
cor823	Non-rheumatic valvular heart disease	0.965117244	7.81E-18	Brazil	Female
cor824	Chronic obstructive pulmonary disease	0.907581664	4.58E-12	Brazil	Female
cor825	Asthma	-0.949675057	1.20E-15	Brazil	Female
cor826	Cirrhosis and other chronic liver diseases	0.559132479	0.001318262	Brazil	Female
cor827	Hodgkin lymphoma	-0.932800409	6.20E-14	Brazil	Female
cor828	Non-Hodgkin lymphoma	0.984979009	6.65E-23	Brazil	Female
cor829	Multiple myeloma	0.994604637	4.20E-29	Brazil	Female
cor830	Leukemia	0.880686358	1.38E-10	Brazil	Female
cor831	Inflammatory bowel disease	0.958839585	7.62E-17	Brazil	Male

cor832	Multiple sclerosis	0.953960021	3.55E-16	Brazil	Male
cor833	Diabetes mellitus	0.99354323	5.15E-28	Brazil	Male
cor834	Rheumatic heart disease	-0.986947944	9.42E-24	Brazil	Male
cor835	Ischemic heart disease	0.340129882	0.065904234	Brazil	Male
cor836	Hypertensive heart disease	0.973952805	1.38E-19	Brazil	Male
cor837	Cardiomyopathy and myocarditis	-0.189798138	0.315107066	Brazil	Male
115	Maternal disorders	0	1	Brazil	Male
cor838	Non-melanoma skin cancer	0.997268063	3.11E-33	Brazil	Male
cor839	Rheumatoid arthritis	0.983220021	3.10E-22	Brazil	Male
cor840	Non-rheumatic valvular heart disease	0.922720327	4.12E-13	Brazil	Male
cor841	Chronic obstructive pulmonary disease	0.208840655	0.268064663	Brazil	Male
cor842	Asthma	-0.991865709	1.29E-26	Brazil	Male
cor843	Cirrhosis and other chronic liver diseases	0.927702892	1.67E-13	Brazil	Male
cor844	Hodgkin lymphoma	-0.922617924	4.19E-13	Brazil	Male
cor845	Non-Hodgkin lymphoma	0.99337505	7.38E-28	Brazil	Male
cor846	Multiple myeloma	0.995907398	8.83E-31	Brazil	Male
cor847	Leukemia	0.935091886	3.87E-14	Brazil	Male
cor848	Inflammatory bowel disease	0.072140438	0.704811124	Saudi Arabia	Both

cor849	Multiple sclerosis	-0.849067108	3.02E-09	Saudi Arabia	Both
cor850	Diabetes mellitus	0.39910284	0.0289044	Saudi Arabia	Both
cor851	Rheumatic heart disease	0.887418288	6.39E-11	Saudi Arabia	Both
cor852	Ischemic heart disease	-0.702489161	1.51E-05	Saudi Arabia	Both
cor853	Hypertensive heart disease	-0.508062203	0.00415239	Saudi Arabia	Both
cor854	Cardiomyopathy and myocarditis	0.870337468	4.14E-10	Saudi Arabia	Both
cor855	Maternal disorders	0.95841575	8.78E-17	Saudi Arabia	Both
cor856	Non-melanoma skin cancer	-0.660825696	7.04E-05	Saudi Arabia	Both
cor857	Rheumatoid arthritis	-0.434347599	0.016469267	Saudi Arabia	Both
cor858	Non-rheumatic valvular heart disease	-0.791513994	1.91E-07	Saudi Arabia	Both
cor859	Chronic obstructive pulmonary disease	0.824002126	2.20E-08	Saudi Arabia	Both
cor860	Asthma	0.914264227	1.67E-12	Saudi Arabia	Both
cor861	Cirrhosis and other chronic liver diseases	0.867764958	5.36E-10	Saudi Arabia	Both
cor862	Hodgkin lymphoma	0.293735783	0.115146556	Saudi Arabia	Both
cor863	Non-Hodgkin lymphoma	-0.256684344	0.170921789	Saudi Arabia	Both
cor864	Multiple myeloma	-0.840633997	6.13E-09	Saudi Arabia	Both
cor865	Leukemia	0.38372501	0.03631912	Saudi Arabia	Both

cor866	Inflammatory bowel disease	0.346208527	0.060914384	Saudi Arabia	Female
cor867	Multiple sclerosis	-0.790820422	1.99E-07	Saudi Arabia	Female
cor868	Diabetes mellitus	0.509165118	0.004058157	Saudi Arabia	Female
cor869	Rheumatic heart disease	0.866820131	5.88E-10	Saudi Arabia	Female
cor870	Ischemic heart disease	-0.036035241	0.850055525	Saudi Arabia	Female
cor871	Hypertensive heart disease	0.05322549	0.77998508	Saudi Arabia	Female
cor872	Cardiomyopathy and myocarditis	0.904153748	7.46E-12	Saudi Arabia	Female
cor873	Maternal disorders	0.959481149	6.14E-17	Saudi Arabia	Female
cor874	Non-melanoma skin cancer	0.56890928	0.001035957	Saudi Arabia	Female
cor875	Rheumatoid arthritis	0.736780962	3.44E-06	Saudi Arabia	Female
cor876	Non-rheumatic valvular heart disease	-0.743972367	2.45E-06	Saudi Arabia	Female
cor877	Chronic obstructive pulmonary disease	0.865654951	6.59E-10	Saudi Arabia	Female
cor878	Asthma	0.923780777	3.42E-13	Saudi Arabia	Female
cor879	Cirrhosis and other chronic liver diseases	0.910744011	2.87E-12	Saudi Arabia	Female
cor880	Hodgkin lymphoma	0.956137176	1.83E-16	Saudi Arabia	Female
cor881	Non-Hodgkin lymphoma	0.032582473	0.864283873	Saudi Arabia	Female
cor882	Multiple myeloma	-0.503983994	0.0045173	Saudi Arabia	Female

cor883	Leukemia	0.508983964	0.004073508	Saudi Arabia	Female
cor884	Inflammatory bowel disease	-0.322030861	0.082659537	Saudi Arabia	Male
cor885	Multiple sclerosis	-0.873863374	2.88E-10	Saudi Arabia	Male
cor886	Diabetes mellitus	0.234285488	0.212713153	Saudi Arabia	Male
cor887	Rheumatic heart disease	0.91299755	2.04E-12	Saudi Arabia	Male
cor888	Ischemic heart disease	-0.845776071	4.00E-09	Saudi Arabia	Male
cor889	Hypertensive heart disease	-0.879908756	1.50E-10	Saudi Arabia	Male
cor890	Cardiomyopathy and myocarditis	0.618308989	0.000271089	Saudi Arabia	Male
116	Maternal disorders	0	1	Saudi Arabia	Male
cor891	Non-melanoma skin cancer	-0.907347983	4.74E-12	Saudi Arabia	Male
cor892	Rheumatoid arthritis	-0.798296486	1.25E-07	Saudi Arabia	Male
cor893	Non-rheumatic valvular heart disease	-0.807177178	7.08E-08	Saudi Arabia	Male
cor894	Chronic obstructive pulmonary disease	0.777909294	4.21E-07	Saudi Arabia	Male
cor895	Asthma	0.898059733	1.70E-11	Saudi Arabia	Male
cor896	Cirrhosis and other chronic liver diseases	0.825790835	1.93E-08	Saudi Arabia	Male
cor897	Hodgkin lymphoma	-0.29161663	0.117914846	Saudi Arabia	Male
cor898	Non-Hodgkin lymphoma	-0.597374469	0.000491342	Saudi Arabia	Male

cor899	Multiple myeloma	-0.893163166	3.18E-11	Saudi Arabia	Male
cor900	Leukemia	0.226249455	0.22927493	Saudi Arabia	Male
cor901	Inflammatory bowel disease	-0.240853095	0.19979895	Australia	Both
cor902	Multiple sclerosis	-0.285012622	0.126858313	Australia	Both
cor903	Diabetes mellitus	0.287390676	0.123582138	Australia	Both
cor904	Rheumatic heart disease	-0.387263664	0.034490175	Australia	Both
cor905	Ischemic heart disease	0.147604187	0.436341105	Australia	Both
cor906	Hypertensive heart disease	-0.632756301	0.000175352	Australia	Both
cor907	Cardiomyopathy and myocarditis	-0.216346839	0.250847973	Australia	Both
cor908	Maternal disorders	0.305073214	0.101150692	Australia	Both
cor909	Non-melanoma skin cancer	-0.397524665	0.029603394	Australia	Both
cor910	Rheumatoid arthritis	-0.53591487	0.002270706	Australia	Both
cor911	Non-rheumatic valvular heart disease	-0.597371799	0.000491378	Australia	Both
cor912	Chronic obstructive pulmonary disease	-0.729173343	4.87E-06	Australia	Both
cor913	Asthma	-0.117118954	0.537659418	Australia	Both
cor914	Cirrhosis and other chronic liver diseases	-0.652695997	9.26E-05	Australia	Both
cor915	Hodgkin lymphoma	-0.289702233	0.120457812	Australia	Both
cor916	Non-Hodgkin lymphoma	0.279908559	0.134105008	Australia	Both

cor917	Multiple myeloma	-0.300710297	0.106376392	Australia	Both
cor918	Leukemia	-0.752326712	1.63E-06	Australia	Both
cor919	Inflammatory bowel disease	-0.3562722	0.053308642	Australia	Female
cor920	Multiple sclerosis	-0.376889328	0.04007301	Australia	Female
cor921	Diabetes mellitus	0.278431161	0.136257966	Australia	Female
cor922	Rheumatic heart disease	-0.179270735	0.343183911	Australia	Female
cor923	Ischemic heart disease	0.320816594	0.083890621	Australia	Female
cor924	Hypertensive heart disease	-0.67003049	5.11E-05	Australia	Female
cor925	Cardiomyopathy and myocarditis	0.026598068	0.889041057	Australia	Female
cor926	Maternal disorders	0.398628549	0.029113044	Australia	Female
cor927	Non-melanoma skin cancer	-0.406007716	0.026002209	Australia	Female
cor928	Rheumatoid arthritis	-0.263446463	0.159535934	Australia	Female
cor929	Non-rheumatic valvular heart disease	-0.591534391	0.000575838	Australia	Female
cor930	Chronic obstructive pulmonary disease	-0.460567399	0.010430869	Australia	Female
cor931	Asthma	-0.00598739	0.974949734	Australia	Female
cor932	Cirrhosis and other chronic liver diseases	-0.696618692	1.90E-05	Australia	Female
cor933	Hodgkin lymphoma	-0.169991372	0.369143333	Australia	Female
cor934	Non-Hodgkin lymphoma	0.514024982	0.003664443	Australia	Female

cor935	Multiple myeloma	-0.409951412	0.024454431	Australia	Female
cor936	Leukemia	-0.843718467	4.75E-09	Australia	Female
cor937	Inflammatory bowel disease	-0.108073905	0.569721452	Australia	Male
cor938	Multiple sclerosis	-0.204591711	0.278142387	Australia	Male
cor939	Diabetes mellitus	0.334543191	0.070765731	Australia	Male
cor940	Rheumatic heart disease	-0.654942928	8.59E-05	Australia	Male
cor941	Ischemic heart disease	-0.041179886	0.828941837	Australia	Male
cor942	Hypertensive heart disease	-0.607454457	0.000370915	Australia	Male
cor943	Cardiomyopathy and myocarditis	-0.493359198	0.005599301	Australia	Male
117	Maternal disorders	0	1	Australia	Male
cor944	Non-melanoma skin cancer	-0.322029375	0.082661034	Australia	Male
cor945	Rheumatoid arthritis	-0.859852042	1.15E-09	Australia	Male
cor946	Non-rheumatic valvular heart disease	-0.574180885	0.000906892	Australia	Male
cor947	Chronic obstructive pulmonary disease	-0.511931666	0.003829811	Australia	Male
cor948	Asthma	-0.240813884	0.199874409	Australia	Male
cor949	Cirrhosis and other chronic liver diseases	-0.564742751	0.001149046	Australia	Male
cor950	Hodgkin lymphoma	-0.413588322	0.023094712	Australia	Male
cor951	Non-Hodgkin lymphoma	-0.145599734	0.442664836	Australia	Male

cor952	Multiple myeloma	-0.165247715	0.382847549	Australia	Male
cor953	Leukemia	-0.549307657	0.001667263	Australia	Male
cor954	Inflammatory bowel disease	-0.745393063	2.29E-06	Indonesia	Both
cor955	Multiple sclerosis	0.954341769	3.17E-16	Indonesia	Both
cor956	Diabetes mellitus	0.967607665	2.81E-18	Indonesia	Both
cor957	Rheumatic heart disease	-0.945681603	3.41E-15	Indonesia	Both
cor958	Ischemic heart disease	0.95803151	9.96E-17	Indonesia	Both
cor959	Hypertensive heart disease	0.958647809	8.13E-17	Indonesia	Both
cor960	Cardiomyopathy and myocarditis	0.969697543	1.12E-18	Indonesia	Both
cor961	Maternal disorders	-0.943823675	5.40E-15	Indonesia	Both
cor962	Non-melanoma skin cancer	0.965540092	6.60E-18	Indonesia	Both
cor963	Rheumatoid arthritis	0.958213231	9.38E-17	Indonesia	Both
cor964	Non-rheumatic valvular heart disease	0.971449807	4.92E-19	Indonesia	Both
cor965	Chronic obstructive pulmonary disease	0.839147015	6.91E-09	Indonesia	Both
cor966	Asthma	-0.948933459	1.47E-15	Indonesia	Both
cor967	Cirrhosis and other chronic liver diseases	0.66982271	5.15E-05	Indonesia	Both
cor968	Hodgkin lymphoma	-0.940216955	1.26E-14	Indonesia	Both
cor969	Non-Hodgkin lymphoma	0.971677472	4.40E-19	Indonesia	Both

cor970	Multiple myeloma	0.968924788	1.59E-18	Indonesia	Both
cor971	Leukemia	-0.847090066	3.58E-09	Indonesia	Both
cor972	Inflammatory bowel disease	-0.867632824	5.43E-10	Indonesia	Female
cor973	Multiple sclerosis	0.906464275	5.38E-12	Indonesia	Female
cor974	Diabetes mellitus	0.926207151	2.21E-13	Indonesia	Female
cor975	Rheumatic heart disease	-0.933870523	4.98E-14	Indonesia	Female
cor976	Ischemic heart disease	0.944969826	4.08E-15	Indonesia	Female
cor977	Hypertensive heart disease	0.951257062	7.76E-16	Indonesia	Female
cor978	Cardiomyopathy and myocarditis	0.952466411	5.50E-16	Indonesia	Female
cor979	Maternal disorders	-0.945419203	3.65E-15	Indonesia	Female
cor980	Non-melanoma skin cancer	0.947313958	2.25E-15	Indonesia	Female
cor981	Rheumatoid arthritis	0.956503895	1.63E-16	Indonesia	Female
cor982	Non-rheumatic valvular heart disease	0.887783508	6.12E-11	Indonesia	Female
cor983	Chronic obstructive pulmonary disease	0.562143081	0.00122494	Indonesia	Female
cor984	Asthma	-0.903437727	8.25E-12	Indonesia	Female
cor985	Cirrhosis and other chronic liver diseases	0.791645383	1.89E-07	Indonesia	Female
cor986	Hodgkin lymphoma	-0.90216052	9.83E-12	Indonesia	Female
cor987	Non-Hodgkin lymphoma	0.939051882	1.64E-14	Indonesia	Female
cor988	Multiple myeloma	0.949773179	1.17E-15	Indonesia	Female
cor989	Leukemia	-0.883796268	9.72E-11	Indonesia	Female

cor990	Inflammatory bowel disease	0.257169107	0.170086931	Indonesia	Male
cor991	Multiple sclerosis	0.948019971	1.87E-15	Indonesia	Male
cor992	Diabetes mellitus	0.964675166	9.29E-18	Indonesia	Male
cor993	Rheumatic heart disease	-0.930944952	8.97E-14	Indonesia	Male
cor994	Ischemic heart disease	0.943338835	6.08E-15	Indonesia	Male
cor995	Hypertensive heart disease	0.937829199	2.15E-14	Indonesia	Male
cor996	Cardiomyopathy and myocarditis	0.956210131	1.78E-16	Indonesia	Male
118	Maternal disorders	0	1	Indonesia	Male
cor997	Non-melanoma skin cancer	0.957438134	1.21E-16	Indonesia	Male
cor998	Rheumatoid arthritis	0.928936434	1.32E-13	Indonesia	Male
cor999	Non-rheumatic valvular heart disease	0.972763083	2.56E-19	Indonesia	Male
cor1000	Chronic obstructive pulmonary disease	0.856082116	1.62E-09	Indonesia	Male
cor100	Asthma	-0.898777381	1.55E-11	Indonesia	Male
cor1002	Cirrhosis and other chronic liver diseases	0.53497995	0.002319115	Indonesia	Male
cor1003	Hodgkin lymphoma	-0.888116171	5.88E-11	Indonesia	Male
cor1004	Non-Hodgkin lymphoma	0.958024763	9.98E-17	Indonesia	Male
cor1005	Multiple myeloma	0.959659051	5.78E-17	Indonesia	Male
cor100	Leukemia	-0.297835698	0.109928333	Indonesia	Male

cor100 7	Inflammatory bowel disease	0.522839648	0.003033594	Turkey	Both
cor100 8	Multiple sclerosis	-0.342250541	0.064128517	Turkey	Both
cor100 9	Diabetes mellitus	-0.148442165	0.433712082	Turkey	Both
cor101 0	Rheumatic heart disease	0.929243743	1.25E-13	Turkey	Both
cor101 1	Ischemic heart disease	0.53524663	0.002305217	Turkey	Both
cor101 2	Hypertensive heart disease	-0.3067782	0.099161929	Turkey	Both
cor101 3	Cardiomyopathy and myocarditis	0.771793121	5.92E-07	Turkey	Both
cor101 4	Maternal disorders	0.901826883	1.03E-11	Turkey	Both
cor101 5	Non-melanoma skin cancer	-0.842317306	5.34E-09	Turkey	Both
cor101 6	Rheumatoid arthritis	-0.577740271	0.000827918	Turkey	Both
cor101 7	Non-rheumatic valvular heart disease	0.60369393	0.000412389	Turkey	Both
cor101 8	Chronic obstructive pulmonary disease	-0.576607128	0.000852379	Turkey	Both
cor101	Asthma	0.98138825	1.31E-21	Turkey	Both
cor102 0	Cirrhosis and other chronic liver diseases	-0.332294841	0.072798864	Turkey	Both
cor102 1	Hodgkin lymphoma	0.849649116	2.87E-09	Turkey	Both
cor102 2	Non-Hodgkin lymphoma	-0.430663288	0.017513477	Turkey	Both
cor102 3	Multiple myeloma	-0.672036963	4.76E-05	Turkey	Both
cor102	Leukemia	0.911077945	2.73E-12	Turkey	Both

cor102 5	Inflammatory bowel disease	-0.02864785	0.880548499	Turkey	Female
cor102 6	Multiple sclerosis	0.045479854	0.811383262	Turkey	Female
cor102 7	Diabetes mellitus	-0.074078694	0.697246386	Turkey	Female
cor102 8	Rheumatic heart disease	0.906217793	5.58E-12	Turkey	Female
cor102 9	Ischemic heart disease	-0.194653795	0.302652762	Turkey	Female
cor103 0	Hypertensive heart disease	-0.421891874	0.020221671	Turkey	Female
cor103 1	Cardiomyopathy and myocarditis	0.956398815	1.68E-16	Turkey	Female
cor103 2	Maternal disorders	0.941922825	8.51E-15	Turkey	Female
cor103 3	Non-melanoma skin cancer	-0.739301158	3.06E-06	Turkey	Female
cor103 4	Rheumatoid arthritis	-0.730700448	4.54E-06	Turkey	Female
cor103 5	Non-rheumatic valvular heart disease	0.497112114	0.005194307	Turkey	Female
cor103 6	Chronic obstructive pulmonary disease	-0.650813452	9.85E-05	Turkey	Female
cor103	Asthma	0.87903962	1.65E-10	Turkey	Female
cor103 8	Cirrhosis and other chronic liver diseases	-0.351167693	0.057066797	Turkey	Female
cor103 9	Hodgkin lymphoma	0.929216766	1.25E-13	Turkey	Female
cor104 0	Non-Hodgkin lymphoma	-0.671946809	4.78E-05	Turkey	Female
cor104 1	Multiple myeloma	-0.740458784	2.90E-06	Turkey	Female
cor104	Leukemia	0.935825009	3.32E-14	Turkey	Female

cor104 3	Inflammatory bowel disease	-0.028516871	0.881090786	Turkey	Male
cor104 4	Multiple sclerosis	-0.1933163	0.306051989	Turkey	Male
cor104 5	Diabetes mellitus	-0.082718165	0.663881379	Turkey	Male
cor104 6	Rheumatic heart disease	0.635284335	0.000162115	Turkey	Male
cor104 7	Ischemic heart disease	0.470834181	0.008639347	Turkey	Male
cor104 8	Hypertensive heart disease	-0.058994374	0.756815583	Turkey	Male
cor104 9	Cardiomyopathy and myocarditis	0.251429924	0.180157572	Turkey	Male
119	Maternal disorders	0	1	Turkey	Male
cor105 0	Non-melanoma skin cancer	-0.748229112	2.00E-06	Turkey	Male
cor105 1	Rheumatoid arthritis	0.0378226	0.842707884	Turkey	Male
cor105 2	Non-rheumatic valvular heart disease	0.075431903	0.691981766	Turkey	Male
cor105 3	Chronic obstructive pulmonary disease	-0.161509369	0.393852045	Turkey	Male
cor105	Asthma	0.717454891	8.12E-06	Turkey	Male
cor105 5	Cirrhosis and other chronic liver diseases	-0.173635546	0.358814148	Turkey	Male
cor105 6	Hodgkin lymphoma	0.530244909	0.002578244	Turkey	Male
cor105 7	Non-Hodgkin lymphoma	0.159940929	0.398522363	Turkey	Male
cor105 8	Multiple myeloma	-0.2593981	0.166285334	Turkey	Male
cor105	Leukemia	0.565977823	0.001114451	Turkey	Male