

Domain	N SNPs	Median age	Age 75% upper bound	Age 25% lower bound	Z-score	P value	Bonferroni
Ophthalmological	823	30484	501546	19323	-18.37	2.1E-75	1
Psychiatric	4022	412639	1034993	49571	-17.00	7.8E-65	1
Nutritional	929	429993	1050270	67491	-7.55	4.2E-14	1
Environment	1161	473478	1024142	70585	-6.89	5.7E-12	1
Activities	1784	514085	1051021	68298	-6.84	7.8E-12	1
Reproduction	1226	525596	1052098	60377	-5.21	1.8E-07	1
Social Interactions	252	393951	858820	62358	-4.49	7.1E-06	1
Neoplasms	378	593145	990794	126391	-1.61	1.1E-01	0
Cognitive	600	611820	1083358	84270	-1.54	1.2E-01	0
Dermatological	1833	643843	1075185	114835	-1.30	1.9E-01	0
Gastrointestinal	694	635919	1060403	164244	-1.01	3.1E-01	0
Aging	2	373150	415107	331193	-0.82	4.1E-01	0
Mortality	147	617010	1045174	103406	-0.69	4.9E-01	0
Hematological	57	595340	1052398	214394	-0.57	5.7E-01	0
Ear, Nose, Throat	52	642079	1078489	96134	-0.22	8.2E-01	0
Body Structures	91	697705	1094841	139461	0.26	7.9E-01	0
Infection	6	752978	1142349	462069	0.32	7.5E-01	0
Muscular	3	782185	1153615	691033	0.33	7.4E-01	0
Cell	289	736593	1116948	213623	1.08	2.8E-01	0
Connective Tissue	95	824043	1177130	320071	1.51	1.3E-01	0
Endocrine	873	757165	1092063	359748	2.49	1.3E-02	0
Environmental	599	803743	1150583	266960	3.21	1.3E-03	1
Neurological	836	800795	1174863	170011	3.69	2.2E-04	1
Respiratory	1767	760510	1154128	208657	3.75	1.7E-04	1

Cardiovascular	2010	756169	1134757	225276	3.79	1.5E-04	1
Immunological	4197	747780	1134575	207559	5.05	4.3E-07	1
Skeletal	4452	759056	1142788	205903	6.05	1.5E-09	1
Metabolic	10287	780323	1170134	196880	12.52	5.9E-36	1

Chapter	N SNPs	Median age	Age 75% upper bound	Age 25% lower bound	Z-score	P value	Bonferroni
Mental and Behavioural Disorders	2331	111560	803943	25013	-26.63	3.3E-156	1
The Eye, Ear and Related Structures	756	26744	381293	18411	-17.72	2.8E-70	1
Self-Care	2612	487959	1049054	67786	-9.67	4.2E-22	1
Major Life Areas	1099	473045	1018917	70947	-6.73	1.7E-11	1
Genitourinary and Reproductive Functions	1108	501423	1048990	57223	-5.86	4.6E-09	1
Interpersonal Interactions and Relationships	252	393951	858820	62358	-4.50	6.6E-06	1
Skin and Related Structures	1066	548430	1046899	79302	-4.08	4.5E-05	1
Injuries to the Wrist or Hand	12	89668	637349	43850	-2.22	2.6E-02	0
Domestic Life	9	87761	1197513	64125	-1.92	5.5E-02	0
Pregnancy, Childbirth and the Puerperium	11	109982	790909	37530	-1.92	5.5E-02	0
Benign Neoplasms	13	196128	895060	112635	-1.77	7.7E-02	0
Mortality	126	534155	1013774	102262	-1.61	1.1E-01	0
Malignant Neoplasms	366	593145	990794	137758	-1.57	1.2E-01	0
Certain Conditions Originating in the Perinatal Period	1	40478	40478	40478	-1.22	2.2E-01	0
Voice and Speech Functions	1	69269	69269	69269	-1.15	2.5E-01	0
Diseases of the Digestive System	693	637523	1060418	166442	-0.97	3.3E-01	0
External Causes of Morbidity and Mortality	1	230508	230508	230508	-0.86	3.9E-01	0
Structures of the Cardiovascular, Immunological and Respiratory Systems	14	530470	774106	230354	-0.53	6.0E-01	0
Persons Encountering Health Services in Circumstances related to Reproduction	2	495450	726366	264534	-0.49	6.2E-01	0
Mobility	15	572478	791724	344053	-0.37	7.1E-01	0
Communication	62	633110	1099613	95419	-0.31	7.6E-01	0
Diseases of the Genitourinary System	92	642649	1082311	169460	-0.30	7.6E-01	0
Neuromusculoskeletal and Movement-Related Functions	5	599880	782185	370965	-0.15	8.8E-01	0
Symptoms, Signs and Abnormal Clinical and Laboratory Findings, Not Elsewhere C	29	651273	1186478	258348	-0.08	9.4E-01	0
Factors Influencing Health Status and Contact with Health Services	12	656330	1023916	166671	0.01	9.9E-01	0
Diseases of the Eye and Adnexa	72	680315	1062517	140268	0.08	9.4E-01	0
Structures Related to Genitourinary and Reproductive Functions	2	721569	763804	679333	0.10	9.2E-01	0
Certain Infectious and Parasitic Diseases	2	730364	870164	590563	0.13	8.9E-01	0
Structure Involved in Voice and Speech	61	697030	1082750	113557	0.19	8.5E-01	0
Disease of the Respiratory System	189	701663	1147733	142038	0.38	7.0E-01	0
Diseases of the Skin and Subcutaneous Tissue	61	750523	1250975	157010	0.64	5.2E-01	0
Injury, Poisoning and Certain Other Consequences of External Causes	32	804538	1073765	208062	0.80	4.2E-01	0
Certain conditions originating in the perinatal period	7	924228	1220385	660623	0.82	4.1E-01	0
Congenital Malformations, Deformations and Chromosomal Abnormalities	5	1031778	1061213	78554	1.05	2.9E-01	0
Persons with Potential Health Hazards Related to Family and Personal History and	21	890533	1077720	223191	1.08	2.8E-01	0
Function of DNA	289	736593	1116948	213623	1.10	2.7E-01	0
Diseases of the Respiratory System	243	749068	1103885	241583	1.19	2.3E-01	0
Diseases of the Musculoskeletal System and Connective Tissue	234	755908	1178558	313889	1.28	2.0E-01	0
Structures of the Nervous System	574	728523	1149092	160080	1.31	1.9E-01	0

Persons Encountering Health Status and Contact with Health Services	1	1529998	1529998	1529998	1.56	1.2E-01	0
Sensory Functions and Pain	116	848390	1136323	168780	1.92	5.5E-02	0
Diseases of the Circulatory System	829	755865	1131780	301905	2.39	1.7E-02	0
Endocrine, Nutritional and Metabolic Diseases	912	753879	1112101	314569	2.45	1.4E-02	0
Functions of the Skin and Related Structures	718	774485	1109228	299151	2.73	6.3E-03	0
Products and Technology	651	789108	1147636	201948	3.02	2.6E-03	0
Diseases of the Nervous System	207	932355	1242859	276185	3.79	1.5E-04	1
Mental Functions	2315	755888	1169583	114127	4.02	5.8E-05	1
Structures Related to Movement	4302	761628	1142566	203376	6.15	7.7E-10	1
Functions of the Cardiovascular, Haematological, Immunological and Respiratory S	6844	753774	1141570	207351	7.31	2.8E-13	1
Functions of the Digestive, Metabolic and Endocrine Systems	10300	780269	1168384	200705	12.61	1.9E-36	1

Subchapter	N SNPs	Median age	Age 75% upper bound	Age 25% lower bound	Z-score	P value	Bonferroni
Structure of Eyeball	756	26744	381293	18411	-17.74	2.1E-70	1
Depressive Episode	745	27526	123864	15392	-17.71	3.6E-70	1
Mental and Behavioural Disorders Due to Use of Alcohol	715	72959	581134	21394	-16.48	5.3E-61	1
Sexual Functions	500	79911	696678	21077	-13.51	1.4E-41	1
Work and Employment	346	99706	531414	25710	-10.75	5.8E-27	1
Food	929	429993	1050270	67491	-7.48	7.6E-14	1
Looking After One's Health	1702	510761	1049033	67837	-6.86	6.7E-12	1
Memory Functions	85	155176	550950	47118	-4.85	1.2E-06	1
Family Relationships	125	293003	765840	47668	-4.28	1.9E-05	1
Structure of Areas of Skin	567	516270	1018909	69258	-3.85	1.2E-04	1
Parent-Child Relationships	41	124491	467298	61860	-3.53	4.2E-04	0
Assets	52	242926	1078069	57849	-3.16	1.6E-03	0
Malignant Neoplasms of Breast	216	493833	975567	101913	-2.68	7.3E-03	0
Carpal Tunnel Syndrome	12	89668	637349	43850	-2.20	2.7E-02	0
Mental Functions, Unspecified	4	48181	350559	36350	-1.82	6.9E-02	0
Benign Neoplasm of Colon, Rectum, Anus and Anal Canal	13	196128	895060	112635	-1.80	7.1E-02	0
Preterm Labour and Delivery	2	21325	24569	18081	-1.76	7.9E-02	0
Acquisition of Necessities	4	71768	392898	51683	-1.71	8.7E-02	0
Structure of Hair	516	600458	1056409	93271	-1.68	9.2E-02	0
All-Cause Mortality	126	534155	1013774	102262	-1.59	1.1E-01	0
Education	600	609431	1126788	95024	-1.57	1.2E-01	0
Mental and Behavioural Disorders Due to Use of Cannabinoid	9	204782	1218098	50761	-1.52	1.3E-01	0
Unspecified	5	123446	1197513	64740	-1.48	1.4E-01	0
Noninfective enteritis and Colitis	511	615780	1045638	198361	-1.33	1.8E-01	0
Presence of Other Functional Implants	1	23028	23028	23028	-1.25	2.1E-01	0
Dislocation, Sprain and Strain of Joints and Ligaments of Knee	1	26829	26829	26829	-1.24	2.1E-01	0
Disorders of eyelid, lacrimal system and orbit	2	219257	228872	209641	-1.24	2.1E-01	0
Injury of Muscle and Tendon at Shoulder and Upper Arm Level	1	34759	34759	34759	-1.24	2.2E-01	0
Genitourinary and Reproductive Functions, Unspecified	1	26754	26754	26754	-1.23	2.2E-01	0
Problems Related to Upbringing	14	364589	708594	50867	-1.22	2.2E-01	0
Digestive System Disorders of Fetus and Newborn	1	40478	40478	40478	-1.21	2.3E-01	0
Structure of Nose	1	69269	69269	69269	-1.17	2.4E-01	0
Gingivitis and Periodontal Diseases	1	62660	62660	62660	-1.17	2.4E-01	0
Bipolar Affective Disorder/Depressive Episode	1	66277	66277	66277	-1.16	2.5E-01	0
Abdominal and Pelvic Pain	1	68013	68013	68013	-1.16	2.5E-01	0
Cardiomyopathy	1	76263	76263	76263	-1.15	2.5E-01	0
Coxarthrosis [Anthrrosis of Hip]	10	343796	693370	106550	-1.12	2.6E-01	0
Mental Functions of Language	5	252948	270908	247992	-1.12	2.6E-01	0
Haematological System Functions	26	452849	863486	86642	-1.11	2.7E-01	0
Disorders of Lens	2	277362	357695	197029	-1.07	2.8E-01	0

Psoriasis	5	269828	367203	157010	-1.05	2.9E-01	0
Gout	2	288515	415423	161608	-1.05	3.0E-01	0
Personal History of Certain Other Diseases	3	225979	1377815	131869	-1.04	3.0E-01	0
Mental and Behavioural Disorders Due to Use of Tobacco	540	632559	1152929	96316	-0.98	3.3E-01	0
Functions of Joints and Bones	2	314849	342907	286791	-0.97	3.3E-01	0
Acquired Absence of Organs, Not Elsewhere Classified	6	351934	726293	99518	-0.97	3.3E-01	0
Disorders of Gallbladder, Biliary Tract and Pancreas	1	160339	160339	160339	-0.97	3.3E-01	0
General Metabolic Functions	1084	648105	1075349	149713	-0.86	3.9E-01	0
Intestinal Malabsorption	38	533051	1057677	126359	-0.86	3.9E-01	0
Fibrosis and Cirrhosis of Liver	17	471018	837185	72818	-0.82	4.1E-01	0
Malignant Neoplasms of Ovary	2	385889	404051	367727	-0.78	4.3E-01	0
Malignant Neoplasms of Skin	47	564945	902261	132566	-0.72	4.7E-01	0
Structure of Pelvic Region	41	559165	997142	108174	-0.72	4.7E-01	0
Other disorders of pigmentation	5	433813	626938	424865	-0.61	5.4E-01	0
Malignant Neoplasms of Pancreas	3	415423	739820	277350	-0.58	5.6E-01	0
Pain in Chest	4	460186	939378	75222	-0.58	5.6E-01	0
Malignant Neoplasms of Male Genital Organs	26	563086	1018012	155701	-0.56	5.8E-01	0
Gastro-Oesophageal Reflux Disease	2	492105	716252	267957	-0.51	6.1E-01	0
Structure of Cardiovascular System	14	530470	774106	230354	-0.51	6.1E-01	0
Outcome of Delivery	2	495450	726366	264534	-0.50	6.2E-01	0
Dementia in Alzheimer Disease	2	497100	735271	258929	-0.48	6.3E-01	0
Failure of Genital Response	1	453883	453883	453883	-0.43	6.6E-01	0
Conversation and Use of Communication Devices and Techniques	61	614263	1101180	90711	-0.42	6.7E-01	0
Procreation Functions	64	621131	1114773	79091	-0.42	6.7E-01	0
Obesity	38	602585	1028234	283569	-0.41	6.9E-01	0
Diseases of Pulp and Periapical Tissues	10	551380	865095	379969	-0.38	7.0E-01	0
Walking and Moving	9	552143	836723	398870	-0.35	7.3E-01	0
Glaucoma	65	633208	1048700	143303	-0.30	7.6E-01	0
Renal Failure	92	642649	1082311	169460	-0.29	7.7E-01	0
Psychomotor Functions	39	627113	991665	187568	-0.26	8.0E-01	0
Hearing Functions	52	642079	1078489	96134	-0.20	8.4E-01	0
Malignant Neoplasms of Colon	10	616168	981138	374662	-0.16	8.7E-01	0
Personal History of Malignant Neoplasm	1	609465	609465	609465	-0.14	8.9E-01	0
Gonarthrosis [Arthrosis of Knee]	3	614298	1249150	476524	-0.11	9.1E-01	0
Multiple Sclerosis	18	636436	1019228	117572	-0.10	9.2E-01	0
Abnormalities of Breathing	24	651598	1131414	293286	-0.07	9.5E-01	0
Presence of Other Device	3	626783	945589	324752	-0.06	9.5E-01	0
Informal Social Relationships	87	667720	1213893	117543	-0.06	9.5E-01	0
Other Hypothyroidism	47	665375	1118659	398794	-0.05	9.6E-01	0
Moving Around Using Transportation	6	637646	734011	210343	-0.05	9.6E-01	0
Muscle Power Functions	2	691033	736609	645456	0.03	9.7E-01	0

Breast and Nipple	2	721569	763804	679333	0.08	9.3E-01	0
Disorders of Puberty, Not Elsewhere Classified	95	680763	1100234	148938	0.09	9.3E-01	0
Malignant Neoplasms of Brain	23	689958	1039025	281480	0.13	9.0E-01	0
Other Bacterial Diseases	2	730364	870164	590563	0.13	9.0E-01	0
Other degenerative diseases of the nervous system	3	719763	804408	387647	0.17	8.7E-01	0
Structure of Mouth	61	697030	1082750	113557	0.19	8.5E-01	0
Diabetes Mellitus	71	698965	1085338	127300	0.25	8.0E-01	0
Discomfort associated with menopause	8	744573	1367268	434703	0.31	7.6E-01	0
Sensations Associated with Genital and Reproductive Functions	4	762909	983202	424111	0.31	7.6E-01	0
Thyrotoxicosis	10	740721	1123445	424717	0.31	7.5E-01	0
Pain in Abdomen and Pelvic	1	845510	845510	845510	0.32	7.5E-01	0
Schizophrenia/Bipolar Affective Disorder	152	699801	1168273	96495	0.33	7.4E-01	0
Malignant Neoplasms	48	723851	1024151	322100	0.36	7.2E-01	0
Vitiligo	34	731529	1131053	99137	0.38	7.0E-01	0
Conduct Disorder	2	830614	1216454	444773	0.39	6.9E-01	0
Other Arthrosis	84	712899	1059573	205613	0.40	6.9E-01	0
Vasomotor and Allergic Rhinitis	203	701663	1156256	141397	0.42	6.8E-01	0
Vascular Syndromes of Brain in Cerebrovascular Diseases	1	928078	928078	928078	0.46	6.5E-01	0
Endocrine Gland Functions	115	719743	928501	412455	0.51	6.1E-01	0
Other Congenital Malformations of the Digestive System	6	818603	1039886	334516	0.53	5.9E-01	0
Migraine	13	800740	1061773	406448	0.54	5.9E-01	0
Mild Mental Retardation	37	755425	1081700	274398	0.55	5.8E-01	0
Unspecified Haematuria	4	841234	1251904	394397	0.56	5.7E-01	0
Inguinal Hernia	14	820809	1125520	73491	0.67	5.0E-01	0
Systemic Lupus Erythematosus	61	756663	1285880	293270	0.68	5.0E-01	0
Producing Body Language	1	1052485	1052485	1052485	0.71	4.8E-01	0
Disorders of Lipoprotein Metabolism and Other lipidaemias	21	818555	1079695	214394	0.73	4.6E-01	0
Other Diseases of Respiratory System	6	873483	1013531	497613	0.74	4.6E-01	0
Asthma	218	724161	1100698	243253	0.79	4.3E-01	0
Presence of Cardiac and Vascular Implants and Grafts	9	890533	1034870	678693	0.80	4.3E-01	0
Hyperkinetic Disorders	11	892855	1212943	497249	0.84	4.0E-01	0
Disorders related to length of gestation and fetal growth	7	924228	1220385	660623	0.85	4.0E-01	0
Persons with Potential Health Hazards Related to Socioeconomic and Psychosocial Ci	3	1023008	1167565	854443	0.88	3.8E-01	0
Structure of hair	2	1008821	1495008	522634	0.89	3.8E-01	0
Cholelithiasis	15	881008	1127658	80472	0.89	3.7E-01	0
Malignant Neoplasms of Lung	3	1026643	1160283	980650	0.90	3.7E-01	0
Superficial Injuries Involving Multiple Body Regions	30	832468	1106505	287249	0.93	3.5E-01	0
Personal History of Medical Treatment	3	1053010	1791330	1049563	0.96	3.4E-01	0
Thyroiditis	75	783140	1139713	327709	0.98	3.3E-01	0
Family History of Certain Disabilities and Chronic Diseases Leading to Disablement	6	964495	1123575	380211	1.01	3.1E-01	0
Undescended Testicle	5	1031778	1061213	78554	1.06	2.9E-01	0

Protein Level	289	736593	1116948	213623	1.09	2.8E-01	0
Malignant Neoplasms of Stomach	4	1026389	1326258	716506	1.11	2.7E-01	0
Schizophrenia	196	751410	1219578	126049	1.12	2.6E-01	0
Diverticular Disease of Intestine	76	797933	1140625	157939	1.13	2.6E-01	0
Angina Pectoris	26	881300	1172282	321236	1.14	2.5E-01	0
Hypertrichosis	3	1145635	1332681	912813	1.19	2.3E-01	0
Atrial Fibrillation and Flutter	186	759971	1150789	337274	1.21	2.3E-01	0
Pervasive Developmental Disorders	3	1164070	1190443	970190	1.22	2.2E-01	0
Bipolar Affective Disorder	12	984339	1212962	495684	1.27	2.0E-01	0
Other Cataract	6	1048938	1397449	342022	1.27	2.0E-01	0
Functions of the Cardiovascular System	6	1052319	1121252	894963	1.28	2.0E-01	0
Heart Functions	530	730185	1152666	204447	1.31	1.9E-01	0
Structure of Brain	574	728523	1149092	160080	1.33	1.8E-01	0
Higher-Level Cognitive Functions	443	738595	1133618	94991	1.40	1.6E-01	0
Chronic Ischaemic Heart Disease	425	740605	1120763	322275	1.40	1.6E-01	0
Structure of Head and Neck Region	59	853965	1291146	404181	1.44	1.5E-01	0
Hematological System Functions	32	917845	1122026	347349	1.45	1.5E-01	0
Dorsopathies	16	1009141	1215242	412496	1.53	1.3E-01	0
Control of Voluntary Movement Functions	1	1525045	1525045	1525045	1.58	1.1E-01	0
Alzheimer disease	39	918405	1219690	124168	1.58	1.1E-01	0
Problems Related to Lifestyle	1	1529998	1529998	1529998	1.60	1.1E-01	0
Obstruction of bile duct	3	1330175	1602635	1157248	1.62	1.0E-01	0
Epilepsy	21	1021760	1437625	722640	1.70	9.0E-02	0
Structures Related to the Genitourinary and Reproductive Systems, Other Specified	1	1613123	1613123	1613123	1.76	7.9E-02	0
Other Rheumatoid Arthritis	66	886414	1181998	439329	1.77	7.7E-02	0
Essential (Primary) Hypertension	210	796706	1132637	155420	1.78	7.5E-02	0
Diaphragmatic Hernia	3	1398910	1434606	1106865	1.80	7.1E-02	0
Structure of Trunk	37	955958	1314745	427510	1.81	7.1E-02	0
Type 2 Diabetes Mellitus	534	755668	1098538	363788	1.95	5.1E-02	0
Parkinson Disease	28	1028789	1293166	481049	1.99	4.7E-02	0
Spinal Muscular Strophy and Related Syndrome	10	1199350	1369743	217373	2.03	4.2E-02	0
Atopic Dermatitis	22	1084311	1379780	553161	2.08	3.7E-02	0
Sensation of Pain	59	948753	1173568	241821	2.13	3.3E-02	0
Type 1 Diabetes Mellitus	79	922743	1205271	390338	2.26	2.4E-02	0
Internal Derangement of Knee	1	1884003	1884003	1884003	2.28	2.3E-02	0
Menstruation Functions	545	770950	1157570	269260	2.29	2.2E-02	0
Structures related to movement, unspecified	933	746725	1142685	178645	2.29	2.2E-02	0
Sleep Functions	699	768070	1191784	126304	2.50	1.2E-02	0
Sleep Disorders	74	970969	1183357	116859	2.64	8.2E-03	0
Hyperhidrosis, unspecified	2	1686329	1737813	1634844	2.68	7.4E-03	0
Functions of Hair	718	774485	1109228	299151	2.70	6.9E-03	0

Water, Mineral and Electrolyte Balance Functions	1438	750085	1124753	260158	2.96	3.1E-03	0
Blood Pressure Functions	766	781438	1136306	176599	3.06	2.2E-03	0
Products or Substances for Personal Consumption	599	803743	1150583	266960	3.25	1.1E-03	0
Exercise Tolerance Functions	1355	763848	1164004	205416	3.36	7.9E-04	0
Potential Health Hazards Related to Socioeconomic and Psychosocial Circumstances	142	953724	1197395	307947	3.46	5.5E-04	0
Temperament and Personality Functions	1068	804389	1196450	134519	4.34	1.4E-05	1
Immunological System Functions	4197	747780	1134575	207559	5.01	5.5E-07	1
Height	3284	766455	1142876	207088	5.48	4.3E-08	1
Weight Maintenance Functions	7813	802540	1184605	198782	12.80	1.6E-37	1

Trait	N SNPs	Median age	Age 75% upper bound	Age 25% lower bound	Z-score	P value	Bonferroni
Vertical cup-disc ratio	515	23661	80315	17915	-14.73	3.9E-49	1
Depression - Lifetime number of depressed periods	395	21076	43485	13709	-12.96	2.1E-38	1
Lifetime number of sexual partners	337	32349	164566	15909	-11.98	4.4E-33	1
Average weekly intake of other alcoholic drinks	281	20258	42061	14154	-11.07	1.7E-28	1
Number of depression episodes	270	30529	194139	16894	-10.66	1.5E-26	1
Childhood sunburn occasions	271	51971	322210	18685	-10.22	1.6E-24	1
Distance between home and job workplace	249	83490	427368	22529	-9.45	3.5E-21	1
Frequency of solarium/sunlamp use	184	80130	334445	29208	-8.10	5.4E-16	1
Salad / raw vegetable intake	162	194781	777221	51721	-6.22	5.0E-10	1
Intraocular pressure	83	25426	312584	16388	-5.92	3.3E-09	1
Average weekly fortified wine intake	132	201850	506902	73456	-5.57	2.5E-08	1
Cup area	57	52302	742885	20433	-4.75	2.1E-06	1
Frequency of travelling from home to job workplace	71	134420	503480	33335	-4.62	3.8E-06	1
Processed meat intake	76	160045	758022	54394	-4.54	5.7E-06	1
Average weekly spirits intake	56	95610	352450	35048	-4.42	9.7E-06	1
Prospective memory test - Number of attempts	68	190118	553660	45600	-4.08	4.5E-05	0
Pork intake	56	134221	580550	43214	-4.08	4.6E-05	0
Number in household	52	168502	536184	60810	-3.66	2.5E-04	0
Ease of skin tanning	445	503970	1007923	66422	-3.64	2.8E-04	0
Number of children fathered (male)	41	124491	467298	61860	-3.51	4.4E-04	0
Frequency of needing morning drink of alcohol after heavy drinking session in last year	33	60270	333940	28723	-3.51	4.5E-04	0
Dried fruit intake	49	178220	554673	51945	-3.50	4.6E-04	0
Exposure to tobacco smoke outside home	58	251797	480483	65161	-3.25	1.1E-03	0
Number of unsuccessful stop-smoking attempts	22	51853	399298	25193	-3.05	2.3E-03	0
Time spent using computer	30	162893	532663	65235	-2.92	3.5E-03	0
Hair colour (natural, before greying): Dark brown	224	481623	953399	77350	-2.90	3.7E-03	0
Cooked vegetable intake	40	229193	545094	92228	-2.81	5.0E-03	0
Number of full brothers	33	191690	968785	38344	-2.76	5.8E-03	0
Average total household income before tax	47	284860	1091773	57845	-2.71	6.7E-03	0
Use of sun/uv protection	28	185084	995476	56749	-2.64	8.3E-03	0
Breast cancer (GEE, adjusted for age)	178	482129	987751	102244	-2.62	8.8E-03	0
Exposure to tobacco smoke at home	45	292468	551775	78580	-2.58	9.9E-03	0
Breast cancer (GEE, adjusted for age and BMI)	186	486744	941669	101316	-2.58	1.0E-02	0
Disc area	45	303970	1027155	28035	-2.50	1.3E-02	0
Carpal tunnel syndrome	12	89668	637349	43850	-2.23	2.6E-02	0
Fluid intelligence test - Fluid intelligence score	13	82009	877208	57133	-2.20	2.8E-02	0
Glycine level (male)	12	102899	563625	27396	-2.16	3.1E-02	0
Fresh fruit intake	59	396183	974729	71794	-2.14	3.2E-02	0
Longest period of depression	9	27979	79346	14239	-2.09	3.6E-02	0
Neutrophil percentage of white cells (three-way meta)	95	460268	1110643	77813	-2.06	3.9E-02	0
Legs-leg fat ratio (female)	147	506280	1151456	67821	-2.02	4.3E-02	0
Left hippocampus	8	76249	633694	42060	-2.00	4.6E-02	0

Pulse pressure	26	290495	916129	71718	-1.98	4.7E-02	0
Number of full sisters	37	348723	761838	20181	-1.97	4.9E-02	0
Prospective memory test - Duration screen displayed	8	86876	150747	47791	-1.95	5.1E-02	0
Cereal type: Muesli	9	73237	222987	41485	-1.93	5.4E-02	0
Hair colour (natural, before greying): Light brown	77	457560	761985	73528	-1.92	5.5E-02	0
Other sociodemographic factors - Private healthcare	4	17123	29635	10233	-1.90	5.7E-02	0
Self-rated health	6	71608	174189	56422	-1.86	6.3E-02	0
Intracranial Volume	6	86245	470171	44418	-1.84	6.5E-02	0
Insomnia (male)	4	33202	35982	30368	-1.83	6.7E-02	0
Sleep efficiency	4	34179	44624	29291	-1.83	6.7E-02	0
L5 timing	4	46067	359654	40801	-1.83	6.8E-02	0
Cholesterol esters in large VLDL	11	154010	792240	67378	-1.82	6.9E-02	0
Trail making test - Duration to complete numeric path (trail #1)	4	54729	368738	28919	-1.80	7.2E-02	0
Number of stillbirths (female)	2	21325	24569	18081	-1.79	7.3E-02	0
Ever taken oral contraceptive pill (female)	2	15392	16507	14276	-1.79	7.4E-02	0
Diagnoses - main ICD10: D12 Benign neoplasm of colon, rectum, anus and anal canal	13	196128	895060	112635	-1.78	7.4E-02	0
Illnesses of father: Lung cancer	4	51982	283413	43957	-1.78	7.5E-02	0
Brain stem	16	249259	719940	68144	-1.75	7.9E-02	0
High-density lipoprotein 2 cholesterol (at exam 5, GEE, adjusted for multivariable)	7	83680	606239	72304	-1.75	8.0E-02	0
mDC:%32+	271	566700	1021561	156415	-1.75	8.0E-02	0
Average weekly beer plus cider intake	19	270300	910450	46256	-1.75	8.0E-02	0
Acceleration average	8	147557	1199616	22268	-1.75	8.1E-02	0
von Willebrand Factor (at exam 5, GEE, adjusted for multivariable)	4	67704	275860	52308	-1.74	8.2E-02	0
QT interval (cohort exam 11 offspring exam 1, GEE, adjusted for age nad RR)	2	34503	43208	25797	-1.73	8.3E-02	0
Traumatic events - Someone to take to doctor when needed as a child	2	35129	45148	25110	-1.73	8.3E-02	0
Low-density lipoprotein cholesterol (at exam 5, GEE, adjusted for age and sex)	2	37573	38652	36493	-1.72	8.5E-02	0
Handedness (chirality/laterality)	2	40610	48418	32802	-1.72	8.6E-02	0
HP - Haptoglobin	2	44588	56868	32309	-1.72	8.6E-02	0
Reported occurrences of cancer	2	37570	37957	37182	-1.71	8.6E-02	0
Doctor diagnosed asthma	14	244103	755139	51321	-1.70	8.9E-02	0
Morbidity-free survival (at age 65, GEE, adjusted for birth-cohort)	37	394573	904338	106636	-1.70	9.0E-02	0
Left thalamus proper	2	49585	51112	48058	-1.70	9.0E-02	0
Spine Neck BMD (GEE, male, adjusted for multivariable)	2	41796	44704	38889	-1.70	9.0E-02	0
BRCA1/2-negative breast cancer	2	50715	51587	49842	-1.68	9.2E-02	0
Hip circumference (female)	33	382215	1035158	79540	-1.67	9.5E-02	0
SDNN HRV (cohort exam 18 offspring exam 3, GEE, adjusted for age and HR)	2	55596	69385	41806	-1.66	9.6E-02	0
Ever depressed for a whole week	5	56776	401733	42107	-1.65	9.9E-02	0
Schizophrenia/Bipolar disorder	86	499765	1068881	81502	-1.65	1.0E-01	0
Usual weekday sleep duration (GEE, adjusted for age, sex and BMI)	2	69364	69517	69212	-1.64	1.0E-01	0
Left precentral	5	63278	867898	62100	-1.64	1.0E-01	0
Interpolated Age of participant when non-cancer illness first diagnosed	6	144197	630851	89913	-1.63	1.0E-01	0
Interpolated Year when non-cancer illness first diagnosed	6	144197	630851	89913	-1.63	1.0E-01	0
:::X-11491	2	74898	87034	62762	-1.61	1.1E-01	0

Anterior limb of internal capsule mode of anisotropy	4	113774	254376	55525	-1.61	1.1E-01	0
Suffer from 'nerves' (SUF-NERV)	5	79348	586548	63709	-1.61	1.1E-01	0
Non-oily fish intake	10	216765	424298	83193	-1.61	1.1E-01	0
Body Mass Index - Child	17	292630	513870	76367	-1.60	1.1E-01	0
Mean Hippocampus	2	81421	105141	57701	-1.59	1.1E-01	0
Peptide::gamma-glutamyl::gamma-glutamyltyrosine	4	118692	357965	97545	-1.59	1.1E-01	0
Left lateral ventricle	9	182377	474765	97114	-1.58	1.2E-01	0
Milk type used: Soya	5	85606	1419258	53268	-1.57	1.2E-01	0
Cancer register - Type of cancer: ICD10: C44 Other and unspecified malignant neoplasm of skin	28	376049	766590	99630	-1.57	1.2E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::isovalerylcarnitine	2	89642	110107	69178	-1.56	1.2E-01	0
Beef intake	6	176647	724122	78859	-1.56	1.2E-01	0
Insulin sensitivity (GEE, adjusted for age and sex)	5	80097	92573	72101	-1.56	1.2E-01	0
Triglycerides (at exam 5, GEE, adjusted for age and sex)	2	102186	125350	79021	-1.55	1.2E-01	0
Electronic device use - Plays computer games	27	378423	1017605	84049	-1.54	1.2E-01	0
Number of vehicles in household	5	100707	138743	58540	-1.53	1.3E-01	0
Sagittal stratum mean diuivities	3	23901	359703	23073	-1.53	1.3E-01	0
Thinness	3	33968	518521	23297	-1.52	1.3E-01	0
Sagittal stratum radial diuivities	3	23901	474499	23073	-1.52	1.3E-01	0
Interferon gamma-induced protein 10 (CXCL10)	3	28732	811925	26743	-1.52	1.3E-01	0
TNF-related apoptosis inducing ligand	3	24513	36174	22204	-1.51	1.3E-01	0
Interleukin 6 (at exam 7, GEE, adjusted for age and sex)	2	114955	144786	85124	-1.51	1.3E-01	0
Pain type(s) experienced in last month: Neck or shoulder pain	5	108061	787273	30242	-1.50	1.3E-01	0
Mouth/teeth dental problems: Loose teeth	5	113557	782813	58698	-1.50	1.3E-01	0
MST1 - Hepatocyte growth factor-like protein	3	44586	123463	38980	-1.50	1.3E-01	0
Ulcerative colitis	294	587378	918819	199182	-1.49	1.4E-01	0
Cannabis use - Ever taken cannabis	9	204782	1218098	50761	-1.49	1.4E-01	0
HOMA-IR (at exam 5, GEE, adjusted for age and sex)	3	42572	198497	42306	-1.49	1.4E-01	0
Morbidity-free survival (at age 65, GEE, adjusted for multivariable)	37	430495	904338	166969	-1.48	1.4E-01	0
Depression - Recent thoughts of suicide or self-harm	4	156480	234614	123060	-1.48	1.4E-01	0
Right vessel	2	133376	148423	118329	-1.48	1.4E-01	0
Usual side of head for mobile phone use	2	129096	151873	106319	-1.47	1.4E-01	0
Lipid::Lysolipid::1-eicosatrienoylglycerophosphocholine*	2	124936	151070	98801	-1.47	1.4E-01	0
Left precuneus	3	46213	294738	46117	-1.46	1.4E-01	0
Length of time at current address	5	123446	1197513	64740	-1.46	1.4E-01	0
Fluid intelligence score	47	459465	1121114	81313	-1.46	1.5E-01	0
Plasma Apolipoprotein E level (at exam 5, GEE, adjusted for multivariable)	3	51715	304511	39040	-1.46	1.5E-01	0
Total body BMD (30-45 years old)	7	176519	813318	71063	-1.46	1.5E-01	0
Left lateral occipital	3	57675	162368	46604	-1.46	1.5E-01	0
Neck Section Modulus (GEE, male, adjusted for multivariable)	3	60104	98041	53237	-1.45	1.5E-01	0
Smoking cessation	5	125509	875095	89821	-1.45	1.5E-01	0
TNC - Tenascin	2	141702	145360	138044	-1.45	1.5E-01	0
Hands-free device/speakerphone use with mobile phone in last 3 month	3	58721	336492	55004	-1.45	1.5E-01	0
High-density lipoprotein 2 cholesterol (at exam 4, GEE, adjusted for multivariable)	7	179200	718004	109570	-1.45	1.5E-01	0

Cytomegalovirus IgG levels	2	143819	203686	83952	-1.44	1.5E-01	0
Average across all tracts fractional anisotropy	3	61894	460397	46179	-1.44	1.5E-01	0
Anterior limb of internal capsule fractional anisotropy	2	143717	197707	89727	-1.44	1.5E-01	0
Depression - Recent feelings of tiredness or low energy	3	66860	774248	55193	-1.42	1.6E-01	0
Major dietary changes in the last 5 years	9	229329	889053	69644	-1.42	1.6E-01	0
Left cuneus	3	74601	624878	66138	-1.41	1.6E-01	0
Nucleotide::Pyrimidine metabolism, uracil containing::uridine	3	71641	618145	70840	-1.41	1.6E-01	0
Frequency of drinking alcohol	6	221736	436783	67929	-1.40	1.6E-01	0
Mean Putamen	3	75055	662063	63835	-1.40	1.6E-01	0
Plasma Apolipoprotein A-I level (GEE, multivariate adjusted)	2	164747	227617	101877	-1.40	1.6E-01	0
Plasma Apolipoprotein A-I level (GEE, adjusted for age and sex)	2	166038	228263	103813	-1.40	1.6E-01	0
Thyroid stimulation hormone (at exam 4, GEE, adjusted for age and sex)	2	173253	208335	138172	-1.38	1.7E-01	0
Intermediate-density lipoprotein by NMR (at exam 4, GEE, adjusted for age and sex)	11	266905	946700	66152	-1.38	1.7E-01	0
Reason for reducing amount of alcohol drunk: Health precaution	2	179762	243505	116020	-1.37	1.7E-01	0
Amyotrophic lateral sclerosis (meta-analysis)	3	87092	675340	51090	-1.36	1.7E-01	0
Mean FEV1 from exam 3 and 5 (GEE, adjusted for multiple covariates)	3	80044	242560	75360	-1.36	1.7E-01	0
College completion	3	95032	422132	83753	-1.35	1.8E-01	0
Legs-leg fat ratio (male)	20	385794	1069323	78229	-1.34	1.8E-01	0
Pairs matching test - Number of incorrect matches in round	6	239202	269988	95049	-1.34	1.8E-01	0
Traumatic events - Avoided activities or situations because of previous stressful experience in pa	3	100716	240462	78602	-1.33	1.8E-01	0
Viscosity I (at exam 5, GEE, adjusted for multivariable)	4	207244	576054	67891	-1.33	1.8E-01	0
Corticospinal tract fractional anisotropy	2	186521	272234	100808	-1.32	1.9E-01	0
Platelet aggregation to Epinephrine (at exam 5, GEE, adjusted for multivariable)	2	181712	252351	111073	-1.32	1.9E-01	0
Large high-density lipoprotein by NMR (at exam 4, GEE, adjusted for multivariable)	4	210962	496726	102327	-1.32	1.9E-01	0
Lipid::Carnitine metabolism::X-13431--nonanoylcarnitine*	2	178248	238599	117897	-1.32	1.9E-01	0
Sphingomyelins	7	225348	1028358	41734	-1.31	1.9E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::alpha-hydroxyisovalerate	2	199588	257028	142149	-1.31	1.9E-01	0
Dehydroepiandrosterone sulfate (at exam 3, GEE, adjusted for age and sex)	2	187750	258885	116615	-1.31	1.9E-01	0
Fornix (column and body of fornix) fractional anisotropy	6	247492	1190918	106453	-1.30	1.9E-01	0
Trochanter BMD (GEE, adjusted for multivariable)	2	196602	268736	124468	-1.30	1.9E-01	0
Posterior limb of internal capsule mode of anisotropy	6	248493	506239	154241	-1.29	2.0E-01	0
Interferon-gamma	1	13015	13015	13015	-1.29	2.0E-01	0
Plasma Apolipoprotein E level (at exam 5, GEE, adjusted for age and sex)	4	230313	446009	45378	-1.29	2.0E-01	0
Brain natriuretic peptide (at exam 6, GEE, adjusted for multivariable)	1	9422	9422	9422	-1.28	2.0E-01	0
Chronic kidney disease	56	505864	1150924	78809	-1.28	2.0E-01	0
Tumor necrosis factor beta	1	5901	5901	5901	-1.27	2.0E-01	0
Posterior corona radiata axial diuivities	2	208609	296688	120530	-1.27	2.0E-01	0
Phosphorylated Tau at position 181	1	20758	20758	20758	-1.27	2.0E-01	0
Leucine	4	226721	696908	55258	-1.27	2.0E-01	0
Health satisfaction	1	18576	18576	18576	-1.27	2.0E-01	0
Superior longitudinal fasciculus axial diuivities	4	227778	738823	63880	-1.27	2.0E-01	0
Extreme chronotype	3	130692	203013	84443	-1.27	2.0E-01	0
Maximum carotid artery bulb IMT (at exam 6, GEE, adjusted for multivariable)	1	12886	12886	12886	-1.27	2.0E-01	0

UCHL1 - Ubiquitin carboxyl-terminal hydrolase isozyme L1	1	14724	14724	14724	-1.27	2.0E-01	0
...X-12092	3	124129	477847	98449	-1.27	2.0E-01	0
Double eyelid	2	219257	228872	209641	-1.27	2.1E-01	0
Bilirubin (at exam 2, GEE, adjusted for multivariable)	2	216216	306358	126074	-1.27	2.1E-01	0
Right posterior cingulate	1	21558	21558	21558	-1.26	2.1E-01	0
Amino acid::Urea cycle; arginine-, proline-, metabolism::citrulline	3	135205	540796	96099	-1.26	2.1E-01	0
Parietal brain volume (GEE, adjusted for age and sex)	1	24553	24553	24553	-1.26	2.1E-01	0
Peak insulin response (adjusted for BMI)	3	134748	419900	78553	-1.26	2.1E-01	0
Medial collateral ligament injury	1	26829	26829	26829	-1.26	2.1E-01	0
Survival past average life expectancy (GEE, adjusted for multivariable)	1	29042	29042	29042	-1.26	2.1E-01	0
Peptide::Polypeptide::HWESASXX*	1	26849	26849	26849	-1.25	2.1E-01	0
Duration of heavy DIY	1	22587	22587	22587	-1.25	2.1E-01	0
Coffee type: Decaffeinated coffee (any type)	1	32190	32190	32190	-1.25	2.1E-01	0
FRZB - Secreted frizzled-related protein 3	1	36235	36235	36235	-1.25	2.1E-01	0
THBS1 - Thrombospondin-1	1	25776	25776	25776	-1.25	2.1E-01	0
Shaft Width (GEE, adjusted for multivariable)	1	26182	26182	26182	-1.25	2.1E-01	0
Xenobiotics::Drug::p-acetamidophenylglucuronide	1	28473	28473	28473	-1.25	2.1E-01	0
Age started oral contraceptive pill (female)	4	240136	512628	42467	-1.25	2.1E-01	0
LMNB1 - Lamin-B1	1	24460	24460	24460	-1.25	2.1E-01	0
Traumatic events - Felt distant from other people in past month	1	26219	26219	26219	-1.25	2.1E-01	0
Parietal brain volume (GEE, adjusted for multivariable)	1	24553	24553	24553	-1.25	2.1E-01	0
Immunosuppressants	1	24454	24454	24454	-1.25	2.1E-01	0
Hepatocyte growth factor	1	31244	31244	31244	-1.24	2.1E-01	0
Father's age at death	4	234241	601883	45062	-1.24	2.1E-01	0
Rotator cuff injury	1	34759	34759	34759	-1.24	2.1E-01	0
Anti-Mullerian hormone	1	26754	26754	26754	-1.24	2.1E-01	0
Eyebrows	1	36447	36447	36447	-1.24	2.1E-01	0
Diagnoses - secondary ICD10: Z96 Presence of other functional implants	1	23028	23028	23028	-1.24	2.1E-01	0
CCL25 - C-C motif chemokine 25	1	27893	27893	27893	-1.24	2.2E-01	0
MPO - Myeloperoxidase	1	31385	31385	31385	-1.24	2.2E-01	0
Alcohol - Alcohol drinker status: Previous vs Current	1	25520	25520	25520	-1.24	2.2E-01	0
Shaft Section Modulus (GEE, adjusted for multivariable)	1	23513	23513	23513	-1.24	2.2E-01	0
Frequency of failure to fulfil normal expectations due to drinking alcohol in last year	1	29260	29260	29260	-1.24	2.2E-01	0
Ankle-brachial index (at exam 7, GEE, adjusted for multivariable)	1	29042	29042	29042	-1.24	2.2E-01	0
Tinnitus	1	27175	27175	27175	-1.24	2.2E-01	0
Frequency of heavy DIY in last 4 weeks	1	35995	35995	35995	-1.24	2.2E-01	0
Left handed	1	40135	40135	40135	-1.23	2.2E-01	0
FUT5 - Alpha-(1,3)-fucosyltransferase 5	1	19351	19351	19351	-1.23	2.2E-01	0
Regulated on Activation, Normal T Cell Expressed and Secreted (CCL5)	1	27087	27087	27087	-1.23	2.2E-01	0
Alcohol dependency (unrelated genotyped individuals)	1	33942	33942	33942	-1.23	2.2E-01	0
Remnant lipoprotein cholesterol (at exam 4, GEE, adjusted for age and sex)	1	48458	48458	48458	-1.23	2.2E-01	0
Depression - Did your sleep change?	1	26515	26515	26515	-1.23	2.2E-01	0
Left fusiform	4	234976	643218	18827	-1.23	2.2E-01	0

Type 2 Diabetes (Dominance deviation model)	1	24626	24626	24626	-1.23	2.2E-01	0
Coronary heart disease (MI, CI or CHD death, GEE, adjusted for age and sex)	2	221913	299518	144308	-1.23	2.2E-01	0
CXCL6 - C-X-C motif chemokine 6	1	36394	36394	36394	-1.23	2.2E-01	0
Fornix (column and body of fornix) mean diuivities	4	247492	714670	145666	-1.23	2.2E-01	0
Interleukin-2 receptor, alpha subunit	1	23983	23983	23983	-1.23	2.2E-01	0
Neuroticism (IRT)	1	30622	30621	30621	-1.22	2.2E-01	0
Maternal smoking around birth	14	364589	708594	50867	-1.22	2.2E-01	0
Fasting insulin interaction (adjusted for BMI)	10	316486	995656	37916	-1.22	2.2E-01	0
NAAA - N-acylethanolamine-hydrolyzing acid amidase	2	228643	320999	136287	-1.22	2.2E-01	0
Triglyceride / High-density lipoprotein cholesterol ratio (at exam 5, GEE, adjusted for age and sex)	3	148515	440528	102186	-1.22	2.2E-01	0
Number of older siblings	1	48252	48252	48252	-1.22	2.2E-01	0
F5 - Coagulation Factor V	1	42326	42326	42326	-1.22	2.2E-01	0
Alcohol dependency (unrelated individuals)	1	33942	33942	33942	-1.22	2.2E-01	0
Total cholesterol (at exam 5, GEE, adjusted for age and sex)	1	39731	39731	39731	-1.22	2.2E-01	0
Reason for glasses/contact lenses: For 'astigmatism'	1	37587	37587	37587	-1.22	2.2E-01	0
Mean MMSE score for exam 5 and 7 (GEE, adjusted for age)	5	213150	393503	89686	-1.22	2.2E-01	0
ADAMTS5 - A disintegrin and metalloproteinase with thrombospondin motifs 5	1	42435	42435	42435	-1.22	2.2E-01	0
TDGF1 - Teratocarcinoma-derived growth factor 1	1	46758	46758	46758	-1.22	2.2E-01	0
Splenium of corpus callosum mode of anisotropy	1	35532	35532	35532	-1.22	2.2E-01	0
C2 - Complement C2	1	49177	49177	49177	-1.22	2.2E-01	0
Job involves shift work	3	150650	995752	108329	-1.21	2.2E-01	0
High-density lipoprotein 3 cholesterol (at exam 5, GEE, adjusted for age and sex)	1	41063	41063	41063	-1.21	2.2E-01	0
Frequency of light DIY in last 4 weeks	1	41613	41613	41613	-1.21	2.2E-01	0
Illnesses of mother: Chronic bronchitis/emphysema	1	49775	49775	49775	-1.21	2.3E-01	0
Follicle stimulating hormone (at exam 3, GEE, adjusted for multivariable)	6	274744	876374	106641	-1.21	2.3E-01	0
Ratio of visceral-tosubcutaneous adipose tissue volume (adjusted for BMI)	1	43488	43488	43488	-1.21	2.3E-01	0
Boston Naming Test score without cues (GEE, adjusted for multivariable)	4	250470	460136	206938	-1.21	2.3E-01	0
Illnesses of father: Stroke	1	40700	40700	40700	-1.21	2.3E-01	0
Duration walking for pleasure	1	48891	48891	48891	-1.21	2.3E-01	0
Fornix (column and body of fornix) axial diuivities	4	247492	396774	145666	-1.21	2.3E-01	0
TXNDC12 - Thioredoxin domain-containing protein 12	1	41374	41374	41374	-1.21	2.3E-01	0
CTSS - Cathepsin S	1	47665	47665	47665	-1.21	2.3E-01	0
Meconium ileus in cystic fibrosis	1	40478	40478	40478	-1.21	2.3E-01	0
HOMA-IR (at exam 5, GEE, adjusted for age, sex and BMI)	2	232251	332114	132388	-1.21	2.3E-01	0
IL11RA - Interleukin-11 receptor subunit alpha	1	47165	47165	47165	-1.21	2.3E-01	0
Diagnoses - main ICD10: K21 Gastro-esophageal reflux disease	1	43810	43810	43810	-1.20	2.3E-01	0
CA13 - Carbonic anhydrase 13	1	52683	52683	52683	-1.20	2.3E-01	0
Amino acid::Lysine metabolism::pipecolate	1	41635	41635	41635	-1.20	2.3E-01	0
MMP7 - Matrilysin	1	41413	41413	41413	-1.20	2.3E-01	0
:::X-11905	1	50626	50626	50626	-1.20	2.3E-01	0
Bilirubin (at exam 2, GEE, adjusted for age and sex)	1	35932	35932	35932	-1.20	2.3E-01	0
:::X-11529	1	50626	50626	50626	-1.20	2.3E-01	0
High-density lipoprotein cholesterol (at exam 5, GEE, adjusted for age and sex)	1	41063	41063	41063	-1.20	2.3E-01	0

Lipid::Fatty acid, dicarboxylate::octadecanedioate	1	49898	49898	49898	-1.20	2.3E-01	0
TFPI - Tissue factor pathway inhibitor	1	49125	49125	49125	-1.20	2.3E-01	0
Traumatic events - Able to pay rent/morgage as an adult	1	41906	41906	41906	-1.20	2.3E-01	0
Total cholesterol / High-density lipoprotein cholesterol ratio (at exam 4, GEE, adjusted for age and sex)	1	50557	50557	50557	-1.20	2.3E-01	0
MAP2K4 - Dual specificity mitogen-activated protein kinase kinase 4	2	233334	266697	199971	-1.20	2.3E-01	0
Fasting HbA1c (at exam 7, GEE, adjusted for age, sex and BMI)	1	52810	52810	52810	-1.19	2.3E-01	0
BST1 - ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2	1	56841	56841	56841	-1.19	2.3E-01	0
Chest pain or discomfort walking normally	1	51049	51049	51049	-1.19	2.3E-01	0
MMP12 - Macrophage metalloelastase	1	53852	53852	53852	-1.19	2.3E-01	0
Lean body mass (appendicular)	1	50637	50637	50637	-1.19	2.3E-01	0
Smoking status: Previous vs Current	1	56814	56814	56814	-1.19	2.3E-01	0
Right medial orbitofrontal	1	55574	55574	55574	-1.19	2.3E-01	0
ANXA2 - Annexin A2	1	56800	56800	56800	-1.19	2.4E-01	0
Fibrinogen	1	57474	57474	57474	-1.18	2.4E-01	0
Mean Amygdala	1	50604	50604	50604	-1.18	2.4E-01	0
Macrophage inflammatory protein-1 (CCL4)	2	249325	361553	137098	-1.18	2.4E-01	0
Granulocyte percentage of myeloid white cells (three-way meta)	118	566890	1062923	61371	-1.18	2.4E-01	0
Superior corona radiata axial diuivities	4	257590	583121	68972	-1.18	2.4E-01	0
Number of pregnancy terminations (female)	9	296375	968948	83377	-1.18	2.4E-01	0
::::X-12749	1	49556	49556	49556	-1.18	2.4E-01	0
Amino acid::Urea cycle; arginine-, proline-, metabolism::homocitrulline	1	72770	72770	72770	-1.18	2.4E-01	0
Own or rent accommodation lived in: Own outright (by you or someone in your household)	1	55775	55775	55775	-1.18	2.4E-01	0
CD200R1 - Cell surface glycoprotein CD200 receptor 1	1	62122	62122	62122	-1.18	2.4E-01	0
External capsule mode of anisotropy	1	54619	54618	54618	-1.18	2.4E-01	0
Cardiovascular disease (MI, CI, CHD death or ABI, GEE, adjusted for age and sex)	1	66703	66703	66703	-1.18	2.4E-01	0
SERPING1 - Plasma protease C1 inhibitor	1	64831	64831	64831	-1.18	2.4E-01	0
Bipolar and major depression status	1	66277	66277	66277	-1.18	2.4E-01	0
Amino acid::Glutamate metabolism::glutamine	1	66319	66319	66319	-1.18	2.4E-01	0
Subcutaneous adipose tissue volume (female)	1	58604	58604	58604	-1.17	2.4E-01	0
Number of cigarettes smoked per day	1	53928	53928	53928	-1.17	2.4E-01	0
::::X-13658	1	56255	56254	56254	-1.17	2.4E-01	0
CTSB - Cathepsin B	1	64966	64966	64966	-1.17	2.4E-01	0
IL23R - Interleukin-23 receptor	1	71257	71257	71257	-1.17	2.4E-01	0
::::X-11858	1	53958	53958	53958	-1.17	2.4E-01	0
Cardiovascular disease (MI, CI, CHD death or ABI, GEE, adjusted for multivariable)	1	66703	66703	66703	-1.17	2.4E-01	0
CFB - Complement factor B	1	62138	62138	62138	-1.17	2.4E-01	0
Years since last breast cancer screening / mammogram (female)	1	74025	74025	74025	-1.17	2.4E-01	0
IGF1 - Insulin-like growth factor I	1	73830	73830	73830	-1.17	2.4E-01	0
Oily fish intake	52	517029	1102269	70475	-1.17	2.4E-01	0
Frequency of depressed mood in last 2 weeks	8	311489	801214	59210	-1.17	2.4E-01	0
Phltriium width	1	69269	69269	69269	-1.17	2.4E-01	0
Total cholesterol (at exam 3, GEE, adjusted for age and sex)	1	77581	77581	77581	-1.17	2.4E-01	0
C4A C4B - Complement C4b	1	62587	62587	62587	-1.17	2.4E-01	0

IL6R - Interleukin-6 receptor subunit alpha	1	63105	63104	63104	-1.17	2.4E-01	0
Factor VII (at exam 5, GEE, adjusted for multivariable)	1	69430	69430	69430	-1.17	2.4E-01	0
Severe gingival inflammation	1	62660	62660	62660	-1.16	2.4E-01	0
Cereal type: Biscuit cereal (e.g. Weetabix)	1	63526	63526	63526	-1.16	2.4E-01	0
Amino acid::Alanine and aspartate metabolism::N-acetylalanine	1	62631	62630	62630	-1.16	2.4E-01	0
Interleukin 6 (at exam 7, GEE, adjusted for multivariable)	3	174616	459431	114955	-1.16	2.5E-01	0
Factor VII (at exam 5, GEE, adjusted for age and sex)	1	69430	69430	69430	-1.16	2.5E-01	0
Diagnoses - secondary ICD10: R10 Abdominal and pelvic pain	1	68013	68013	68013	-1.16	2.5E-01	0
Anterior limb of internal capsule mean diuivities	4	270164	623454	64008	-1.16	2.5E-01	0
FTH1 FTL - Ferritin	1	69148	69148	69148	-1.16	2.5E-01	0
Waist circumference (female)	30	461045	957167	224040	-1.16	2.5E-01	0
Nonischemic cardiomyopathy	1	76263	76263	76263	-1.16	2.5E-01	0
Age at death (GEE, adjusted for birth-cohort)	13	357680	964500	127921	-1.16	2.5E-01	0
Residual from predicted FEV1 for latest exam (GEE, adjusted for multiple covariates)	1	66461	66461	66461	-1.15	2.5E-01	0
::::X-14473	1	82250	82250	82250	-1.15	2.5E-01	0
Mean internal carotid artery IMT (at exam 6, GEE, adjusted for age and sex)	1	78194	78194	78194	-1.15	2.5E-01	0
::::X-13741	1	72422	72422	72422	-1.15	2.5E-01	0
Mean high-density lipoprotein cholesterol from exam 1-7 (GEE, adjusted for multivariable)	2	251804	300259	203348	-1.15	2.5E-01	0
Nucleotide::Purine metabolism, (hypo)xanthine, inosine containing::inosine	1	71707	71707	71707	-1.15	2.5E-01	0
ENTPD5 - Ectonucleoside triphosphate diphosphohydrolase 5	1	76428	76428	76428	-1.15	2.5E-01	0
IGFBP3 - Insulin-like growth factor-binding protein 3	1	73830	73830	73830	-1.15	2.5E-01	0
Time spent driving	2	256746	372968	140524	-1.15	2.5E-01	0
Triglyceride / High-density lipoprotein cholesterol ratio (at exam 3, GEE, adjusted for age and sex)	1	78118	78118	78118	-1.14	2.5E-01	0
Cofactors and vitamins::Pantothenate and CoA metabolism::pantothenate	1	72590	72590	72590	-1.14	2.5E-01	0
Mean total cholesterol from exam 1-7 (GEE, adjusted for age and sex)	1	75871	75871	75871	-1.14	2.5E-01	0
Alcohol dependency (random effect model for unrelated genotyped individuals)	1	81986	81986	81986	-1.14	2.5E-01	0
Alcohol dependency (fixed effect model for unrelated genotyped individuals)	1	81986	81986	81986	-1.14	2.5E-01	0
::::X-12855	1	85556	85556	85556	-1.14	2.5E-01	0
MIA - Melanoma-derived growth regulatory protein	1	71989	71989	71989	-1.14	2.6E-01	0
SIRT2 - NAD-dependent protein deacetylase sirtuin-2	1	83338	83338	83338	-1.14	2.6E-01	0
Vitamin K plasma phyloquinone (at exam 6 or 7, GEE, adjusted for multivariable)	1	78622	78622	78622	-1.13	2.6E-01	0
NCR3 - Natural cytotoxicity triggering receptor 3	1	90180	90180	90180	-1.13	2.6E-01	0
Conscientiousness (NEO-FFI)	1	75362	75362	75362	-1.13	2.6E-01	0
DKK4 - Dickkopf-related protein 4	1	83338	83338	83338	-1.13	2.6E-01	0
Own or rent accommodation lived in: Rent - from private landlord or letting agency	1	87761	87761	87761	-1.13	2.6E-01	0
Body of corpus callosum mode of anisotropy	2	261746	368255	155236	-1.13	2.6E-01	0
Right transverse temporal	1	87790	87790	87790	-1.13	2.6E-01	0
Maximum internal carotid artery IMT (at exam 6, GEE, adjusted for age and sex)	1	78194	78194	78194	-1.13	2.6E-01	0
THBS4 - Thrombospondin-4	1	98210	98210	98210	-1.13	2.6E-01	0
Frequency of consuming six or more units of alcohol	6	306314	768224	34029	-1.13	2.6E-01	0
Education - Qualifications	126	574844	1087806	70971	-1.13	2.6E-01	0
Diagnoses - main ICD10: M16 Osteoarthritis of hip	10	343796	693370	106550	-1.13	2.6E-01	0
Lipid::Fatty acid, dicarboxylate::3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF)	1	83759	83759	83759	-1.12	2.6E-01	0

Xenobiotics::Sugar, sugar substitute, starch::erythritol	1	91344	91344	91344	-1.12	2.6E-01	0
KNG1 - Kininogen-1	1	76945	76945	76945	-1.12	2.6E-01	0
High-density lipoprotein 2 cholesterol (at exam 5, GEE, adjusted for age and sex)	1	83680	83680	83680	-1.12	2.6E-01	0
Urinary albumin excretion in hypertensive enriched sample (at exam 6, GEE, adjusted for age and sex)	1	96326	96326	96326	-1.11	2.7E-01	0
Urinary albumin excretion in hypertensive enriched sample (at exam 6, GEE, adjusted for multivariable)	1	96326	96326	96326	-1.11	2.7E-01	0
Mean common carotid artery IMT (at exam 6, GEE, adjusted for multivariable)	1	92642	92642	92642	-1.11	2.7E-01	0
MICB - MHC class I polypeptide-related sequence B	1	94062	94062	94062	-1.11	2.7E-01	0
External capsule mean diastolicities	2	270164	368162	172166	-1.11	2.7E-01	0
tPA (at exam 5, GEE, adjusted for multivariable)	1	95528	95528	95528	-1.11	2.7E-01	0
Right cuneus	5	257275	543158	151319	-1.11	2.7E-01	0
Insulin sensitivity (GEE, adjusted for age, sex and BMI)	1	92573	92573	92573	-1.11	2.7E-01	0
Lipid::Bile acid metabolism::glycochenodeoxycholate	1	97843	97843	97843	-1.11	2.7E-01	0
Illnesses of siblings: Severe depression	1	109402	109402	109402	-1.10	2.7E-01	0
Splenium of corpus callosum axial diastolicities	2	276832	381652	172011	-1.10	2.7E-01	0
Gamma-glutamyl transferase (at exam 2, GEE, adjusted for age and sex)	1	104295	104295	104295	-1.10	2.7E-01	0
Primary angle closure glaucoma	8	336599	570258	53689	-1.10	2.7E-01	0
1p deletion neuroblastoma	3	200598	241084	121469	-1.10	2.7E-01	0
SIGLEC14 - Sialic acid-binding Ig-like lectin 14	1	100117	100117	100117	-1.10	2.7E-01	0
11q deletion neuroblastoma	3	200598	395628	170245	-1.10	2.7E-01	0
Ratio of bisallylic bonds to double bonds in lipids	2	279550	406535	152566	-1.10	2.7E-01	0
Neck cross-sectional moment of inertia (GEE, female, adjusted for age)	1	108175	108174	108174	-1.09	2.7E-01	0
SERPINA3 - alpha-1-antichymotrypsin complex	1	105475	105475	105475	-1.09	2.7E-01	0
Heart failure	1	102578	102578	102578	-1.09	2.8E-01	0
Depression - Trouble falling or staying asleep, or sleeping too much	1	96727	96727	96727	-1.09	2.8E-01	0
LGALS3 - Galectin-3	1	99542	99542	99542	-1.09	2.8E-01	0
SERPINA3 - Alpha-1-antichymotrypsin	1	105475	105475	105475	-1.08	2.8E-01	0
Bread type: Wholemeal or wholegrain	14	393296	1151058	77991	-1.08	2.8E-01	0
DKK3 - Dickkopf-related protein 3	1	105130	105130	105130	-1.08	2.8E-01	0
Posterior limb of internal capsule fractional anisotropy	8	343513	806896	78111	-1.08	2.8E-01	0
Eye problems/disorders: Cataract	2	277362	357695	197029	-1.08	2.8E-01	0
Trunk-trunk fat ratio (female)	184	596538	1172396	86587	-1.08	2.8E-01	0
ACP1 - Low molecular weight phosphotyrosine protein phosphatase	1	112461	112461	112461	-1.07	2.8E-01	0
Psoriasis	5	269828	367203	157010	-1.07	2.8E-01	0
Reticulocyte count (three-way meta)	109	570260	1100540	106267	-1.07	2.8E-01	0
CASP3 - Caspase-3	1	121828	121828	121828	-1.07	2.9E-01	0
GPNMB - Transmembrane glycoprotein NMB	1	127137	127137	127137	-1.07	2.9E-01	0
CD123 on 11c+123+DC	6	319690	510082	142118	-1.06	2.9E-01	0
Amino acid::Polyamine metabolism::X-03056--N-[3-(2-Oxopyrrolidin-1-yl)propyl]acetamide	3	209582	343057	128382	-1.06	2.9E-01	0
Urinary albumin excretion of at least 30 in enriched hypertensive sample (at exam 6, GEE, adjusted for age and sex)	128	580163	962323	252430	-1.06	2.9E-01	0
Subjective well being	1	117951	117951	117951	-1.06	2.9E-01	0
NOV - Protein NOV homolog	1	129775	129775	129775	-1.06	2.9E-01	0
Disposition index (adjusted for BMI)	1	134748	134748	134748	-1.06	2.9E-01	0
Gout	2	288515	415423	161608	-1.05	2.9E-01	0

Shaft average buckling ratio (GEE, male, adjusted for multivariable)	1	128658	128658	128658	-1.05	2.9E-01	0
Neck-Shaft Angle (GEE, adjusted for multivariable)	1	130815	130815	130815	-1.05	2.9E-01	0
Left isthmus cingulate	4	306495	721156	49208	-1.05	3.0E-01	0
Left vessel	3	224226	605667	170768	-1.05	3.0E-01	0
::::X-13069	1	123964	123964	123964	-1.04	3.0E-01	0
Diagnoses - secondary ICD10: E66 Overweight and obesity	3	227601	386760	139639	-1.04	3.0E-01	0
Disposition index	1	134748	134748	134748	-1.04	3.0E-01	0
Neck-Shaft Angle (GEE, adjusted for age and sex)	1	130815	130815	130815	-1.04	3.0E-01	0
Alanine transaminase (at exam 2, GEE, adjusted for age and sex)	1	133607	133607	133607	-1.04	3.0E-01	0
3Lhydroxybutyrate	1	127709	127709	127709	-1.03	3.0E-01	0
Diagnoses - secondary ICD10: Z86 Personal history of certain other diseases	3	225979	1377815	131869	-1.03	3.0E-01	0
Triglyceride / High-density lipoprotein cholesterol ratio (at exam 4, GEE, adjusted for age and sex)	1	139078	139078	139078	-1.03	3.1E-01	0
AFM - Afamin	1	146106	146106	146106	-1.02	3.1E-01	0
Diagnoses - secondary ICD10: F32 Major depressive disorder, single episode	1	141002	141002	141002	-1.02	3.1E-01	0
Neck cross-sectional moment of inertia (GEE, male, adjusted for multivariable)	1	135979	135979	135979	-1.02	3.1E-01	0
Right parahippocampal	1	140254	140254	140254	-1.02	3.1E-01	0
Major depressive disorder (females)	2	306760	420480	193040	-1.01	3.1E-01	0
Parkinson disease	5	284488	1019892	115794	-1.01	3.1E-01	0
Coronary artery disease (SOFT definition including angina)	19	437615	643464	204980	-1.01	3.1E-01	0
Pain type(s) experienced in last month: Hip pain	1	144252	144252	144252	-1.00	3.2E-01	0
Energy::Oxidative phosphorylation::acetylphosphate	2	305180	406679	203682	-1.00	3.2E-01	0
High-density lipoprotein particle size by NMR (at exam 4, GEE, adjusted for age and sex)	1	148515	148515	148515	-1.00	3.2E-01	0
Extreme Body Mass Index	6	339575	621187	72550	-1.00	3.2E-01	0
Mean thyroid stimulation hormone from exam 3 and 4 (GEE, adjusted for age and sex)	3	243416	759696	173253	-0.99	3.2E-01	0
Glucocorticoids	12	406321	922544	156640	-0.99	3.2E-01	0
Blond hair in Solomon Islanders	1	150429	150429	150429	-0.99	3.2E-01	0
Bilateral oophorectomy (both ovaries removed) (female)	6	351934	726293	99518	-0.99	3.2E-01	0
Primary sclerosing cholangitis	1	160339	160339	160339	-0.99	3.2E-01	0
CGA FSHB - Follicle stimulating hormone	1	156653	156653	156653	-0.99	3.2E-01	0
Ankle-brachial index (at exam 6, GEE, adjusted for age and sex)	2	309009	398106	219912	-0.99	3.2E-01	0
Amino acid::Creatine metabolism::creatinine	1	168503	168503	168503	-0.99	3.2E-01	0
Prospective memory test - Time to answer	1	156966	156966	156966	-0.98	3.3E-01	0
Xenobiotics::Xanthine metabolism::7-methylxanthine	1	169008	169008	169008	-0.98	3.3E-01	0
Percent predicted FEV1/FVC for latest exam (GEE, adjusted for multiple covariates)	2	313860	444314	183406	-0.98	3.3E-01	0
Pericardial adipose tissue volume (adjusted for height and weight)	3	249751	604247	153668	-0.98	3.3E-01	0
Anxiety - Recent worrying too much about different things	1	165224	165224	165224	-0.98	3.3E-01	0
CD300C - CMRF35-like molecule 6	1	169106	169106	169106	-0.98	3.3E-01	0
PLA2G2A - Phospholipase A2, membrane associated	1	162662	162662	162662	-0.97	3.3E-01	0
Residual from predicted FEV1/FVC for latest exam (GEE, adjusted for multiple covariates)	2	313860	444314	183406	-0.97	3.3E-01	0
Estimated glomerular filtration rate based on cystatin C	21	461418	852025	75316	-0.97	3.3E-01	0
Coronary artery disease	59	547253	942629	149970	-0.97	3.3E-01	0
Low-density lipoprotein cholesterol (at exam 7, GEE, adjusted for age and sex)	3	258490	375309	198934	-0.97	3.3E-01	0
::::X-13496	2	328038	463909	192168	-0.97	3.3E-01	0

LEPR - Leptin receptor	1	171856	171856	171856	-0.97	3.3E-01	0
CPB2 - Carboxypeptidase B2	1	180436	180436	180436	-0.96	3.4E-01	0
Skin colour	141	592280	1057190	80257	-0.96	3.4E-01	0
Small high-density lipoprotein by NMR (at exam 4, GEE, adjusted for age and sex)	5	312530	581883	118377	-0.96	3.4E-01	0
Monocyte percentage of white cells (two-way meta)	93	576443	1006610	51702	-0.96	3.4E-01	0
Low-density lipoprotein cholesterol (at exam 1, GEE, adjusted for multivariable)	2	319872	454121	185623	-0.95	3.4E-01	0
Percent predicted FEV1 for latest exam (GEE, adjusted for multiple covariates)	2	336659	470782	202535	-0.95	3.4E-01	0
Right lingual	2	328520	445639	211401	-0.95	3.4E-01	0
Low-density lipoprotein cholesterol (at exam 3, GEE, adjusted for age and sex)	2	332975	460673	205278	-0.95	3.4E-01	0
Miserableness (MIS)	32	508028	1096294	83254	-0.94	3.5E-01	0
Non-butter spread type details: Soft (tub) margarine	1	182155	182155	182155	-0.94	3.5E-01	0
NKearly:%337+158b+	1	178749	178749	178749	-0.94	3.5E-01	0
Urinary albumin excretion (at exam 6, GEE, adjusted for multivariable)	1	186388	186388	186388	-0.94	3.5E-01	0
Asthma (fixed effect model)	21	465193	1011813	136209	-0.94	3.5E-01	0
Social support - Leisure/social activities: Other group activity	5	309555	984592	256188	-0.93	3.5E-01	0
Tobacco smoking	4	338065	777539	40820	-0.93	3.5E-01	0
Types of physical activity in last 4 weeks: Other exercises (eg: swimming, cycling, keep fit, bowling)	9	379430	638813	256820	-0.92	3.6E-01	0
Interleukin-13	1	200425	200425	200425	-0.92	3.6E-01	0
MAP2K2 - Dual specificity mitogen-activated protein kinase kinase 2	1	194036	194036	194036	-0.92	3.6E-01	0
Visual memory composite score (GEE, adjusted for multivariable)	3	275695	650359	193286	-0.92	3.6E-01	0
Height SDS (male at age 12)	1	203205	203205	203205	-0.92	3.6E-01	0
Milk type used: Skimmed	5	323715	685363	67861	-0.92	3.6E-01	0
Ever had same-sex intercourse	3	276390	337001	161982	-0.92	3.6E-01	0
Sodium	11	407960	1181650	63995	-0.92	3.6E-01	0
Shaft average buckling ratio (GEE, female, adjusted for age)	2	337619	467762	207476	-0.92	3.6E-01	0
Weight (male)	9	382215	1187630	64317	-0.91	3.6E-01	0
Immunoglobulin A deficiency	1	199865	199865	199865	-0.91	3.6E-01	0
MMSE score (at exam 5, GEE, adjusted for multivariable)	3	274398	687744	163966	-0.91	3.6E-01	0
.....X-11261	1	209582	209582	209582	-0.91	3.6E-01	0
Total body BMD (60 or older)	17	449128	928078	87540	-0.90	3.7E-01	0
Platelets	23	475608	950306	161699	-0.90	3.7E-01	0
AKR1A1 - Alcohol dehydrogenase [NADP(+)]	1	202076	202076	202076	-0.90	3.7E-01	0
Lipid::Monoacylglycerol::1-linoleoylglycerol (1-monolinolein)	1	201998	201998	201998	-0.90	3.7E-01	0
Albumin	11	404728	1181053	85602	-0.90	3.7E-01	0
MET - Hepatocyte growth factor receptor	2	348838	515803	181873	-0.90	3.7E-01	0
Mean MMSE score for exam 5 and 7 (GEE, adjusted for multivariable)	1	213150	213150	213150	-0.90	3.7E-01	0
Phospholipids in medium LDL	9	385130	818555	106456	-0.90	3.7E-01	0
Lipid::Lysolipid::2-stearoylglycerophosphocholine*	1	213700	213700	213700	-0.89	3.7E-01	0
KDR - Vascular endothelial growth factor receptor 2	2	354096	518432	189760	-0.89	3.7E-01	0
Cisplatin-associated ototoxicity	1	215406	215406	215406	-0.89	3.7E-01	0
Cystatin C (at exam 7, GEE, adjusted for age and sex)	1	213150	213150	213150	-0.89	3.8E-01	0
CCL16 - C-C motif chemokine 16	1	213623	213623	213623	-0.89	3.8E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::2-methylbutyrylcarnitine	1	209582	209582	209582	-0.88	3.8E-01	0

RR interval (female, cohort exam 11 offspring exam 1, GEE, adjusted for age nad RR)	2	344529	502637	186421	-0.88	3.8E-01	0
Dehydroepiandrosterone sulfate (at exam 3, GEE, adjusted for multivariable)	5	330020	409593	45480	-0.88	3.8E-01	0
Lipid::Carnitine metabolism::laurylcarnitine	1	216130	216130	216130	-0.88	3.8E-01	0
Right supramarginal	3	300553	495426	162765	-0.88	3.8E-01	0
Total lipids in medium LDL	12	435135	1050478	86744	-0.87	3.8E-01	0
Bisecting GlcNAc	2	356250	447470	265030	-0.87	3.8E-01	0
Cystatin C (at exam 7, GEE, adjusted for multivariable)	1	213150	213150	213150	-0.87	3.8E-01	0
Total cholesterol in IDL	12	435135	1095218	95473	-0.87	3.9E-01	0
Left lateral orbitofrontal	2	357608	493928	221288	-0.86	3.9E-01	0
Obesity class 3	2	360811	426552	295070	-0.86	3.9E-01	0
Lipid::Fatty acid, monohydroxy::2-hydroxypalmitate	1	221208	221208	221208	-0.86	3.9E-01	0
Amino acid::Phenylalanine & tyrosine metabolism::X-11423--O-sulfo-L-tyrosine	2	366162	524465	207859	-0.86	3.9E-01	0
:::X-11334	1	213132	213132	213132	-0.86	3.9E-01	0
Mineral and other dietary supplements: Iron	1	235206	235206	235206	-0.86	3.9E-01	0
Age at death (GEE, adjusted for multivariable)	12	435141	746174	219740	-0.86	3.9E-01	0
Lipoprotein A (at exam 3, GEE, adjusted for age and sex)	16	467165	918525	155511	-0.86	3.9E-01	0
Treatment/medication code: lisinopril	3	298338	693795	174102	-0.85	3.9E-01	0
Celiac disease	38	533051	1057677	126359	-0.85	3.9E-01	0
Vitamin D plasma 25(OH)-D (at exam 6 or 7, GEE, adjusted for multivariable)	1	221840	221840	221840	-0.85	3.9E-01	0
Anterior corona radiata axial diuivities	3	303995	416168	168223	-0.85	3.9E-01	0
Depression	40	536490	958729	68205	-0.85	4.0E-01	0
SELP - P-Selectin	2	363678	523223	204133	-0.85	4.0E-01	0
Periodontal complex trait 1 - Socransky trait	5	348638	532088	57663	-0.84	4.0E-01	0
Dapsone hypersensitivity syndrome	1	230508	230508	230508	-0.84	4.0E-01	0
Retrolenticular part of internal capsule radial diuivities	6	388821	640041	97264	-0.84	4.0E-01	0
Neck Cross-Sectional Moment of Inertia (GEE, adjusted for age and sex)	3	313900	675333	208294	-0.84	4.0E-01	0
Social support - Leisure/social activities: Religious group	41	543158	1075395	84723	-0.83	4.0E-01	0
Fasting glucose main effect (adjusted for BMI)	20	484658	1055847	117412	-0.83	4.0E-01	0
Triglycerides (at exam 3, GEE, adjusted for age and sex)	1	237183	237183	237183	-0.83	4.1E-01	0
Time spent watching television (TV)	94	588114	1210895	86453	-0.83	4.1E-01	0
HGFAC - Hepatocyte growth factor activator	2	372572	539840	205304	-0.83	4.1E-01	0
Walking speed (at exam 7, GEE)	2	373150	415107	331193	-0.83	4.1E-01	0
TLR4 LY96 - Toll-like receptor 4:Lymphocyte antigen 96 complex	2	367728	525248	210208	-0.82	4.1E-01	0
SMPDL3A - Acid sphingomyelinase-like phosphodiesterase 3a	1	254480	254480	254480	-0.82	4.1E-01	0
Tumor necrosis factor alpha (at exam 7, GEE, adjusted for age and sex)	2	373314	541329	205298	-0.82	4.1E-01	0
Primary biliary cirrhosis	17	471018	837185	72818	-0.82	4.1E-01	0
High-density lipoprotein cholesterol (at exam 6, GEE, adjusted for age and sex)	1	261068	261068	261068	-0.82	4.1E-01	0
Frequency of other exercises in last 4 weeks	1	247745	247745	247745	-0.82	4.1E-01	0
Walking speed (at offspring exam 7 cohort exam 27, GEE)	2	373150	415107	331193	-0.81	4.2E-01	0
Sleep durataion (conditioning sex and BMI)	8	415726	1113755	47191	-0.81	4.2E-01	0
CCL7 - C-C motif chemokine 7	1	253743	253743	253743	-0.81	4.2E-01	0
Total lipids in small HDL	7	385130	870363	14263	-0.81	4.2E-01	0
IL22RA2 - Interleukin-22 receptor subunit alpha-2	1	256605	256605	256605	-0.81	4.2E-01	0

Lipid::Essential fatty acid::dihomo-linolenate (20:3n3 or n6)	2	378892	532005	225779	-0.81	4.2E-01	0
CCL21 - C-C motif chemokine 21	1	261233	261232	261232	-0.81	4.2E-01	0
Albumin/globulin ratio	36	538656	982466	159788	-0.81	4.2E-01	0
Bone Ultrasound Attenuation (GEE, adjusted for multivariable)	1	258733	258732	258732	-0.81	4.2E-01	0
Diagnoses - secondary ICD10: I48 Atrial fibrillation and flutter	18	482194	960957	85545	-0.80	4.2E-01	0
Sabuctaneous fat by CT (GEE, adjusted for age, sex, smoking and menopause)	3	323475	725280	275570	-0.79	4.3E-01	0
CD27 - CD27 antigen	1	254023	254023	254023	-0.79	4.3E-01	0
Similarities raw score (GEE, adjusted for multivariable)	1	270908	270908	270908	-0.79	4.3E-01	0
Viscosity I (at exam 5, GEE, adjusted for age and sex)	3	330808	821301	175665	-0.79	4.3E-01	0
Sabuctaneous fat by CT (GEE, adjusted for age and sex)	3	323475	725280	275570	-0.79	4.3E-01	0
Educational attainment	471	637770	1144603	112184	-0.79	4.3E-01	0
Mean high-density lipoprotein cholesterol from exam 1-7 (GEE, adjusted for age and sex)	2	388291	512898	263684	-0.79	4.3E-01	0
Types of transport used (excluding work): Public transport	4	391594	917194	79860	-0.78	4.3E-01	0
Adiponectin	9	420263	508473	34787	-0.78	4.3E-01	0
Wide Range Achievement Test (GEE, adjusted for multivariable)	1	262548	262548	262548	-0.78	4.3E-01	0
Ratio of visceral-tosubcutaneous adipose tissue volume (adjusted for BMI, female)	1	269605	269605	269605	-0.78	4.4E-01	0
ANG - Angiogenin	1	272390	272390	272390	-0.78	4.4E-01	0
Gray matter	5	370350	921158	62138	-0.77	4.4E-01	0
High-density lipoprotein cholesterol (at exam 2, GEE, adjusted for age and sex)	4	397353	671840	231969	-0.77	4.4E-01	0
NXP1 - Neurexophilin-1	1	279333	279333	279333	-0.77	4.4E-01	0
FCN1 - Ficolin-1	1	278583	278583	278583	-0.77	4.4E-01	0
CCL1 - C-C motif chemokine 1	1	279333	279333	279333	-0.76	4.5E-01	0
Potassium	7	412018	756058	51825	-0.76	4.5E-01	0
Femoral BMD (GEE, adjusted for multivariable)	1	294198	294198	294198	-0.76	4.5E-01	0
FEV1/FCV	6	415331	570311	315943	-0.75	4.5E-01	0
Reason for glasses/contact lenses: For long-sightedness, i.e. for distance and near, but particular	4	401899	710946	134303	-0.75	4.5E-01	0
Basophil count	23	512150	1190899	76009	-0.75	4.5E-01	0
Left caudal anterior cingulate	4	402908	780317	91580	-0.75	4.5E-01	0
Troch Neck BMD (GEE, male, adjussted for multivariable)	2	402444	584057	220831	-0.75	4.5E-01	0
Heart rate variability (pvRSA/HF)	7	406100	930565	76558	-0.75	4.5E-01	0
Creatinine	4	397978	715134	145730	-0.75	4.6E-01	0
Free cholesterol in large LDL	10	453360	937892	173578	-0.74	4.6E-01	0
Fornix (column and body of fornix) radial diusivities	4	403400	850859	243339	-0.74	4.6E-01	0
Depression - Recent changes in speed/amount of moving or speaking	2	411778	589381	234174	-0.74	4.6E-01	0
Lipid::Medium chain fatty acid::caprate (10:0)	2	412974	526115	299834	-0.74	4.6E-01	0
HFE2 - Hemojuvelin	1	299470	299470	299470	-0.74	4.6E-01	0
Fasting HbA1c (at exam 7, GEE, adjusted for age and sex)	1	294975	294975	294975	-0.73	4.6E-01	0
PNN50 HRV (cohort exam 18 offspring exam 3, GEE, adjusted for age and HR)	1	298460	298460	298460	-0.73	4.7E-01	0
Traumatic events - Witnessed sudden violent death	1	295505	295505	295505	-0.72	4.7E-01	0
Body of corpus callosum radial diusivities	1	303995	303995	303995	-0.72	4.7E-01	0
ESR1 - Estrogen receptor	1	300060	300060	300060	-0.72	4.7E-01	0
Urinary albumin excretion of at least 30 in enriched hypertensive sample (at exam 6, GEE, adjust	86	596151	921702	271061	-0.72	4.7E-01	0
Social support - Leisure/social activities: Adult education class	2	419401	605997	232805	-0.72	4.7E-01	0

Mouth/teeth dental problems: Mouth ulcers	27	528883	969554	173262	-0.72	4.7E-01	0
Glycine level	34	546529	1088058	58887	-0.72	4.7E-01	0
Visuospatial memory and organization (GEE, adjusted for multivariable)	1	296015	296015	296015	-0.71	4.8E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::levulinate (4-oxovalerate)	1	309273	309273	309273	-0.71	4.8E-01	0
Diagnoses - secondary ICD10: M19 Other and unspecified osteoarthritis	1	313033	313033	313033	-0.71	4.8E-01	0
Concentration of small HDL particles	5	395798	1344928	17101	-0.71	4.8E-01	0
Ulcerative Colitis	27	531558	890296	164281	-0.71	4.8E-01	0
Father still alive	3	361718	625385	200031	-0.71	4.8E-01	0
Water intake	26	536603	1007956	81688	-0.71	4.8E-01	0
Xenobiotics::Drug::ibuprofen	9	443588	805615	402078	-0.70	4.8E-01	0
Miserableness	31	542315	958953	94404	-0.70	4.8E-01	0
Average across all tracts mean diuivities	5	402258	466160	303995	-0.69	4.9E-01	0
CD4mem:%cFTH (1)	1	321275	321275	321275	-0.69	4.9E-01	0
Medication for cholesterol, blood pressure, diabetes, or take exogenous hormones: Hormone rep	2	427943	450684	405201	-0.69	4.9E-01	0
Glycine level (female)	4	421852	962418	38242	-0.69	4.9E-01	0
Depression - Recent poor appetite or overeating	1	323715	323715	323715	-0.69	4.9E-01	0
Illnesses of mother: Lung cancer	2	420399	620102	220695	-0.68	4.9E-01	0
Myeloperoxidase (at exam 7, GEE, adjusted for multivariable)	1	324093	324093	324093	-0.68	4.9E-01	0
Concentration of medium LDL particles	13	485140	1055113	106456	-0.68	5.0E-01	0
Platelet aggregation to Epinephrine (at exam 5, GEE, adjusted for age and sex)	1	322990	322990	322990	-0.68	5.0E-01	0
Myeloperoxidase (at exam 7, GEE, adjusted for age and sex)	1	324093	324093	324093	-0.68	5.0E-01	0
Worrier / anxious feelings	44	572380	946318	75698	-0.68	5.0E-01	0
Coffee type: Instant coffee	3	386028	710076	275317	-0.68	5.0E-01	0
LILRB2 - Leukocyte immunoglobulin-like receptor subfamily B member 2	1	326925	326925	326925	-0.67	5.0E-01	0
:::X-11315	2	425939	531712	320167	-0.67	5.0E-01	0
Lithium response in Bipolar I patients - Alda Scale of 4 to 5	1	335108	335108	335108	-0.67	5.0E-01	0
IL12RB2 - Interleukin-12 receptor subunit beta-2	1	334775	334775	334775	-0.67	5.0E-01	0
Cereal type: Oat cereal (e.g. Ready Brek, porridge)	1	323715	323715	323715	-0.67	5.0E-01	0
Lithium response in Bipolar I patients - Alda Scale of 7 to 8	1	335108	335108	335108	-0.67	5.1E-01	0
Anxiety - Recent trouble relaxing	2	441872	653636	230109	-0.67	5.1E-01	0
Lithium response in Bipolar I patients - Alda Scale of 5 to 6	1	335108	335108	335108	-0.67	5.1E-01	0
Lithium response in Bipolar I patients - Alda Scale of 6 to 7	1	335108	335108	335108	-0.66	5.1E-01	0
CCL14 - C-C motif chemokine 14	1	334625	334625	334625	-0.66	5.1E-01	0
CH2 groups in fatty acids	3	385130	439593	202385	-0.66	5.1E-01	0
Insulin sensitivity index (combined influence of the genotype effect adjusted for BMI and the inter:	11	472168	593669	31838	-0.66	5.1E-01	0
Left pericalcarine	5	414180	721700	84806	-0.66	5.1E-01	0
Intercellular adhesion molecule-1 (at exam 7, GEE, adjusted for age and sex)	1	340870	340870	340870	-0.66	5.1E-01	0
KLKB1 - Plasma kallikrein	2	444254	582827	305680	-0.65	5.1E-01	0
Left transverse temporal	1	338685	338685	338685	-0.65	5.1E-01	0
CD4:CD8 lymphocyte ratio	1	343630	343630	343630	-0.65	5.1E-01	0
KLK12 - Kallikrein-12	1	336030	336030	336030	-0.65	5.1E-01	0
Milk type used: Semi-skimmed	2	438239	623706	252773	-0.65	5.2E-01	0
CCL23 - C-C motif chemokine 23	1	334625	334625	334625	-0.64	5.2E-01	0

Epithelial ovarian cancer (high -grade and low-grade serous)	1	349565	349565	349565	-0.64	5.2E-01	0
Lipid::Lysolipid::1-arachidonoylglycerophosphoethanolamine*	3	395798	858888	223212	-0.64	5.2E-01	0
White blood cell count	30	556364	1138005	92236	-0.64	5.2E-01	0
P-selectin (at exam 7, GEE, adjusted for age and sex)	2	439788	440254	439321	-0.64	5.2E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::beta-hydroxyisovalerate	1	350585	350585	350585	-0.64	5.2E-01	0
Fasting HbA1c (at exam 5, GEE, adjusted for age, sex and BMI)	2	439373	610280	268466	-0.64	5.2E-01	0
Right paracentral	1	345645	345645	345645	-0.64	5.2E-01	0
CD40 Ligand serum (at exam 7, GEE, adjusted for multivariable)	2	447752	637900	257604	-0.64	5.2E-01	0
Age at natural menopause (GEE, adjusted for multivariable)	2	443058	634202	251915	-0.64	5.2E-01	0
Lipid::Sterol, Steroid::epiandrosterone sulfate	1	355103	355103	355103	-0.64	5.2E-01	0
Worrier / anxious feelings (WORRY)	35	562025	903823	74896	-0.64	5.2E-01	0
Intercellular adhesion molecule-1 (at exam 7, GEE, adjusted for multivariable)	1	340870	340870	340870	-0.64	5.2E-01	0
Diurnal inactivity duration	2	447371	649368	245374	-0.64	5.3E-01	0
FCGR3B - Low affinity immunoglobulin gamma Fc region receptor III-B	1	345368	345368	345368	-0.63	5.3E-01	0
Epithelial ovarian cancer (high-grade serous)	1	349565	349565	349565	-0.63	5.3E-01	0
Monocyte percentage of white cells (three-way meta)	123	615695	1089181	85329	-0.63	5.3E-01	0
Total cholesterol in LDL	12	494950	950535	86744	-0.63	5.3E-01	0
Body Mass Index (male <= 50 yrs)	6	456843	1041314	338085	-0.63	5.3E-01	0
Maximum carotid artery stenosis (at exam 6, GEE, adjusted for multivariable)	1	356285	356285	356285	-0.63	5.3E-01	0
::::X-02249	1	347683	347683	347683	-0.63	5.3E-01	0
Temporal brain volume (GEE, adjusted for multivariable)	1	354463	354463	354463	-0.63	5.3E-01	0
BPI - Bactericidal permeability-increasing protein	1	357798	357798	357798	-0.62	5.3E-01	0
Neutrophil count	16	517698	843389	89762	-0.62	5.3E-01	0
Plasma Apolipoprotein C3 level (GEE, adjusted for age and sex)	1	368395	368395	368395	-0.62	5.4E-01	0
IL17RA - Interleukin-17 receptor A	1	350205	350205	350205	-0.62	5.4E-01	0
::::X-13548	2	451773	501705	401840	-0.62	5.4E-01	0
ECE1 - Endothelin-converting enzyme 1	1	356988	356988	356988	-0.61	5.4E-01	0
Antihistamines for systemic use	5	433560	1317225	407193	-0.61	5.4E-01	0
CD40 Ligand serum (at exam 7, GEE, adjusted for age and sex)	2	451672	643780	259564	-0.61	5.4E-01	0
PIGR - Polymeric immunoglobulin receptor	1	373535	373535	373535	-0.60	5.5E-01	0
Chest pain or discomfort	2	460186	648639	271733	-0.60	5.5E-01	0
Thyroid stimulation hormone (at exam 4, GEE, adjusted for multivariable)	2	457443	564457	350430	-0.60	5.5E-01	0
Lipid::Essential fatty acid::eicosapentaenoate (EPA; 20:5n3)	1	369990	369990	369990	-0.59	5.5E-01	0
Acute insulin response (adjusted for BMI)	2	456758	617763	295753	-0.59	5.6E-01	0
Fluid intelligence test - FI3 : word interpolation	5	444250	1316713	183142	-0.58	5.6E-01	0
::::X-11469	3	416563	544035	250161	-0.58	5.6E-01	0
Amino acid::Glycine, serine and threonine metabolism::serine	2	461674	633210	290139	-0.58	5.6E-01	0
von Willebrand Factor (at exam 5, GEE, adjusted for age and sex)	2	462091	664765	259416	-0.58	5.6E-01	0
Bone Ultrasound Speed (GEE, adjusted for multivariable)	1	370965	370965	370965	-0.58	5.6E-01	0
Hair colour (natural, before greying): Red	11	499715	898259	56085	-0.58	5.6E-01	0
Pancreatic cancer	3	415423	739820	277350	-0.57	5.7E-01	0
Amino acid::Tryptophan metabolism::indoleacetate	1	378023	378023	378023	-0.57	5.7E-01	0
CCL23 - Ck-beta-8-1	1	389920	389920	389920	-0.57	5.7E-01	0

Small high-density lipoprotein by NMR (at exam 4, GEE, adjusted for multivariable)	5	450625	918710	130815	-0.57	5.7E-01	0
Usual weekday bedtime (GEE)	2	474741	698103	251379	-0.57	5.7E-01	0
Medication for pain relief, constipation, heartburn: Laxatives (e.g. Dulcolax, Senokot)	1	380250	380250	380250	-0.57	5.7E-01	0
Coronary heart disease (MI, CI or CHD death, GEE, adjusted for multivariable)	1	377123	377123	377123	-0.56	5.7E-01	0
Major depressive disorder	3	421838	627209	265592	-0.56	5.7E-01	0
THBS2 - Thrombospondin-2	1	386948	386948	386948	-0.56	5.8E-01	0
Carbohydrate::Glycolysis, gluconeogenesis, pyruvate metabolism::1,5-anhydroglucitol (1,5-AG)	3	427225	1101838	404371	-0.56	5.8E-01	0
Usual weekday bedtime (GEE, adjusted for age, sex and BMI)	2	474741	698103	251379	-0.56	5.8E-01	0
Current employment status: Unable to work because of sickness or disability	1	390623	390623	390623	-0.55	5.8E-01	0
Left superior parietal	6	483566	711248	166031	-0.55	5.8E-01	0
Energy::Krebs cycle::succinylcarnitine	6	485817	948119	96404	-0.55	5.8E-01	0
Prostate cancer (GEE, adjusted for age)	26	563086	1018012	155701	-0.55	5.8E-01	0
Right rostral middle frontal	1	394190	394190	394190	-0.55	5.8E-01	0
Mother still alive	4	468654	992926	45778	-0.54	5.9E-01	0
PI3 - Elafin	1	400733	400733	400733	-0.54	5.9E-01	0
Fornix (column and body of fornix) mode of anisotropy	2	487471	713441	261502	-0.54	5.9E-01	0
CLEC1B - C-type lectin domain family 1 member B	1	406628	406628	406628	-0.54	5.9E-01	0
Treatment/medication code: omega-3/fish oil supplement	1	400145	400145	400145	-0.54	5.9E-01	0
Maximum internal carotid artery IMT (at exam 6, GEE, adjusted for multivariable)	1	396293	396293	396293	-0.54	5.9E-01	0
::::X-11204	1	395798	395798	395798	-0.54	5.9E-01	0
Xenobiotics::Food component, Plant::N-(2-furoyl)glycine	1	404515	404515	404515	-0.54	5.9E-01	0
Mean internal carotid artery IMT (at exam 6, GEE, adjusted for multivariable)	1	396293	396293	396293	-0.54	5.9E-01	0
Long sleep	5	454690	842328	380620	-0.53	5.9E-01	0
Age completed full time education	6	484754	1301597	142163	-0.53	5.9E-01	0
Femoral Neck Length (GEE, adjusted for age and sex)	2	489545	524355	454735	-0.53	6.0E-01	0
Hearing difficulty/problems	25	560375	1064688	183421	-0.53	6.0E-01	0
Total cholesterol in medium LDL	11	514640	831980	196658	-0.53	6.0E-01	0
Amino acid::Phenylalanine & tyrosine metabolism::phenylacetylglutamine	1	410853	410852	410852	-0.53	6.0E-01	0
Amino acid::Butanoate metabolism::X-04499--3,4-dihydroxybutyrate	1	403843	403843	403843	-0.53	6.0E-01	0
Remission after 12 weeks of antidepressant treatment in MDD	1	406538	406538	406538	-0.52	6.0E-01	0
Inferior fronto-occipital fasciculus axial diffusivities	4	473609	582851	347378	-0.52	6.0E-01	0
Brain natriuretic peptide (at exam 6, GEE, adjusted for age and sex)	3	442838	845003	226130	-0.52	6.1E-01	0
Heart rate	10	514051	1113645	78809	-0.51	6.1E-01	0
CHIT1 - Chitotriosidase-1	1	414468	414468	414468	-0.51	6.1E-01	0
Osteoprotegerin (at exam 7, GEE, adjusted for multivariable)	2	490446	594783	386109	-0.51	6.1E-01	0
CST3 - Cystatin-C	1	414238	414238	414238	-0.51	6.1E-01	0
CGA CGB - Human Chorionic Gonadotropin	1	411445	411445	411445	-0.51	6.1E-01	0
Osteoarthritis	29	568683	1044870	210350	-0.51	6.1E-01	0
Phospholipids in large LDL	11	521590	1009733	240700	-0.51	6.1E-01	0
Lipid::Sterol/Steroid::X-11445--5-alpha-pregnan-3beta,20alpha-disulfate	1	416563	416563	416563	-0.50	6.2E-01	0
Epithelial ovarian cancer (Clear cell)	1	422213	422213	422213	-0.49	6.2E-01	0
Diagnoses - secondary ICD10: Z37 Outcome of delivery	2	495450	726366	264534	-0.49	6.2E-01	0
Monocyte chemotactic protein-1 (CCL2)	2	500645	736100	265190	-0.49	6.2E-01	0

Alanine transaminase (at exam 2, GEE, adjusted for multivariable)	1	419925	419925	419925	-0.49	6.2E-01	0
Splenium of corpus callosum mean diuivities	2	499750	597628	401873	-0.49	6.2E-01	0
High-density lipoprotein 3 cholesterol (at exam 4, GEE, adjusted for multivariable)	3	451013	479461	245010	-0.49	6.3E-01	0
How are people in household related to participant: Son and/or daughter (include step-children)	1	419693	419693	419693	-0.49	6.3E-01	0
....X-12524	1	424935	424935	424935	-0.49	6.3E-01	0
....X-13429	1	426800	426800	426800	-0.49	6.3E-01	0
Variation in diet	10	520368	1001284	204209	-0.48	6.3E-01	0
Cingulum (cingulate gyrus) mode of anisotropy	5	475135	875192	49476	-0.48	6.3E-01	0
Colorectal cancer	9	507910	1064808	338440	-0.48	6.3E-01	0
Ever used hormone-replacement therapy (HRT) (female)	5	475463	1105553	66235	-0.48	6.3E-01	0
Male-specific factors - Hair/balding pattern: Pattern 2	45	597060	1010020	217307	-0.48	6.3E-01	0
Cholesterol esters in medium LDL	14	544955	1053568	173578	-0.48	6.3E-01	0
Obesity class 2	10	526273	640331	283569	-0.48	6.3E-01	0
Posterior thalamic radiation (include optic radiation) mean diuivities	2	499750	597628	401873	-0.48	6.3E-01	0
....X-14626	1	426800	426800	426800	-0.48	6.3E-01	0
Total brain volume	8	512325	1109881	224513	-0.48	6.3E-01	0
Fluid intelligence test - F16 : conditional arithmetic	1	428080	428080	428080	-0.47	6.4E-01	0
Numeric memory test - Maximum digits remembered correctly	6	509016	1608511	62861	-0.47	6.4E-01	0
Lipid::Fatty acid, dicarboxylate::tetradecanedioate	1	426800	426800	426800	-0.47	6.4E-01	0
Frequency of stair climbing in last 4 weeks	6	504911	915942	413849	-0.47	6.4E-01	0
Number of children ever born (male)	1	432875	432875	432875	-0.47	6.4E-01	0
Mean Arterial Pressure	14	540890	934514	272220	-0.47	6.4E-01	0
Posterior thalamic radiation (include optic radiation) radial diuivities	2	499750	597628	401873	-0.47	6.4E-01	0
Superior longitudinal fasciculus fractional anisotropy	4	498528	751069	233972	-0.47	6.4E-01	0
Waist circumference by CT (GEE, adjusted for age and sex)	2	505384	737206	273563	-0.47	6.4E-01	0
Usual walking pace	40	598774	1174531	130097	-0.47	6.4E-01	0
Duration of moderate activity	5	487838	856333	432443	-0.47	6.4E-01	0
Had menopause (female)	28	580544	1140433	109921	-0.47	6.4E-01	0
Fasting proinsulin (adjusted for fasting insulin, age and sex)	7	499810	935071	285636	-0.47	6.4E-01	0
Temporal brain volume (GEE, adjusted for age and sex)	2	503445	577936	428954	-0.46	6.4E-01	0
Lipid::Essential fatty acid::docosapentaenoate (n3 DPA; 22:5n3)	1	439805	439805	439805	-0.46	6.4E-01	0
Peptide::gamma-glutamyl::gamma-glutamylphenylalanine	1	436478	436477	436477	-0.46	6.5E-01	0
CCL18 - C-C motif chemokine 18	1	451863	451863	451863	-0.45	6.5E-01	0
Waist circumference by CT (GEE, adjusted for age, sex, smoking and menopause)	2	505384	737206	273563	-0.45	6.5E-01	0
PPIE - Peptidyl-prolyl cis-trans isomerase E	1	445040	445040	445040	-0.45	6.5E-01	0
Temporal horn volume (GEE, adjusted for age and sex)	1	437120	437120	437120	-0.45	6.5E-01	0
Lumbar Spine BMD (GEE, adjusted for multivariable)	2	507674	743521	271828	-0.45	6.5E-01	0
NTN4 - Netrin-4	1	455813	455813	455813	-0.45	6.6E-01	0
Osteoarthritis of knee	8	526686	1263233	396324	-0.44	6.6E-01	0
Diabetes (diagnosed by doctor)	54	615524	1079431	158394	-0.44	6.6E-01	0
Positive affect (univariate)	8	523256	1148566	94318	-0.44	6.6E-01	0
....X-11381	1	448098	448098	448098	-0.44	6.6E-01	0
Dysmenorrhea pain severity	2	514651	746114	283188	-0.44	6.6E-01	0

Erectile dysfunction	1	453883	453883	453883	-0.43	6.6E-01	0
CCL3 - C-C motif chemokine 3	1	451863	451863	451863	-0.43	6.6E-01	0
Total IgA levels	1	456193	456193	456193	-0.43	6.7E-01	0
External capsule axial diuivities	1	466160	466160	466160	-0.43	6.7E-01	0
CCL3L1 - C-C motif chemokine 3-like 1	1	451863	451863	451863	-0.43	6.7E-01	0
Ever had hysterectomy (womb removed) (female)	2	524988	765437	284540	-0.43	6.7E-01	0
Maximum common carotid artery IMT (at exam 6, GEE, adjusted for age and sex)	3	481390	683709	334883	-0.42	6.7E-01	0
Average across all tracts radial diuivities	4	516526	761518	243521	-0.42	6.7E-01	0
Fatty acid length	1	459733	459733	459733	-0.42	6.8E-01	0
ApoB	14	554768	970919	173578	-0.41	6.8E-01	0
Urinary isoprostanes/creatinine (at exam 7, GEE, adjusted for age and sex)	3	487203	581389	259864	-0.41	6.8E-01	0
Mineral and other dietary supplements: Zinc	1	472285	472285	472285	-0.40	6.9E-01	0
Genu of corpus callosum mean diuivities	5	504515	740255	303995	-0.40	6.9E-01	0
Eosinophil count	13	550998	954342	96751	-0.40	6.9E-01	0
Age last used hormone-replacement therapy (HRT) (female)	1	473425	473425	473425	-0.40	6.9E-01	0
IL18RAP - Interleukin-18 receptor accessory protein	1	474333	474333	474333	-0.40	6.9E-01	0
Overweight	13	555613	992923	323375	-0.39	6.9E-01	0
Body Mass Index (female <= 50 yrs)	18	574599	1202961	192863	-0.39	7.0E-01	0
Lipid::Fatty acid, dicarboxylate::hexadecanedioate	1	482085	482085	482085	-0.39	7.0E-01	0
Right lateral ventricle	12	558718	912548	195172	-0.39	7.0E-01	0
Hippocampal volume (GEE, adjusted for multivariable with APOE)	2	538554	599521	477587	-0.38	7.0E-01	0
Fasting glucose interaction (adjusted for BMI)	6	533355	751131	516461	-0.38	7.0E-01	0
SPINT1 - Kunitz-type protease inhibitor 1	1	483008	483008	483008	-0.38	7.1E-01	0
MED1 - Mediator of RNA polymerase II transcription subunit 1	1	484898	484898	484898	-0.38	7.1E-01	0
Freckles	4	530375	666042	333886	-0.38	7.1E-01	0
Reticulocyte fraction of red cells (three-way meta)	114	637324	1092624	113725	-0.38	7.1E-01	0
Fasting glucose	15	564913	974776	167229	-0.38	7.1E-01	0
::::X-11538	1	482085	482085	482085	-0.37	7.1E-01	0
Ankle-brachial index (at exam 7, GEE, adjusted for age and sex)	2	547524	551768	543279	-0.37	7.1E-01	0
Total cholesterol in large LDL	12	563180	1090583	307823	-0.37	7.1E-01	0
Right precentral	5	526250	875192	29254	-0.36	7.2E-01	0
MYCN amplification neuroblastoma	2	547140	798676	295603	-0.36	7.2E-01	0
Interleukin-7	1	496443	496443	496443	-0.36	7.2E-01	0
Alcohol consumption (dichotomous)	1	492088	492088	492088	-0.35	7.2E-01	0
How are people in household related to participant: Husband, wife or partner	1	490698	490698	490698	-0.35	7.2E-01	0
Prothrombin time	8	554565	1070068	373716	-0.35	7.2E-01	0
Left amygdala	4	536671	727938	276053	-0.35	7.3E-01	0
Blood sugar	15	569313	907016	90606	-0.35	7.3E-01	0
CAPN1 CAPNS1 - Calpain I	1	495535	495535	495535	-0.35	7.3E-01	0
Waist-hip ratio (male > 50 yrs, adjusted for BMI)	3	514313	794198	286605	-0.35	7.3E-01	0
LAG3 - Lymphocyte activation gene 3 protein	1	495908	495908	495908	-0.34	7.3E-01	0
Immature fraction of reticulocytes (two-way meta)	80	634590	1058338	111568	-0.34	7.3E-01	0
Chronotype (continuous)	5	532973	965650	130692	-0.34	7.3E-01	0

CCL8 - C-C motif chemokine 8	2	558481	710851	406112	-0.34	7.3E-01	0
Genu of corpus callosum mode of anisotropy	1	491515	491515	491515	-0.34	7.4E-01	0
Right superior parietal	4	540659	764921	498629	-0.34	7.4E-01	0
Remnant lipoprotein triglycerides (at exam 4, GEE, adjusted for age and sex)	2	560877	802005	319749	-0.33	7.4E-01	0
CD32 on 11c+123+DC	1	508515	508515	508515	-0.33	7.4E-01	0
Reason for glasses/contact lenses: For short-sightedness, i.e. only or mainly for distance viewing	38	614573	1209086	284724	-0.33	7.4E-01	0
Interleukin-18	2	551358	818120	284595	-0.33	7.4E-01	0
Cancer register - Histology of cancer tumour: Adenocarcinoma, NOS	10	565555	852391	77790	-0.33	7.4E-01	0
High-density lipoprotein 2 cholesterol (at exam 4, GEE, adjusted for age and sex)	2	565986	579462	552511	-0.33	7.4E-01	0
CFI - Complement factor I	1	511358	511358	511358	-0.33	7.5E-01	0
Duration of light DIY	2	560493	578058	542928	-0.32	7.5E-01	0
Atrial natriuretic peptide (at exam 6, GEE, adjusted for age and sex)	1	511103	511102	511102	-0.32	7.5E-01	0
Amino acid::Glutathione metabolism::cysteine-glutathione disulfide	1	506408	506408	506408	-0.32	7.5E-01	0
Cheese intake	77	636550	1104145	87946	-0.32	7.5E-01	0
Friendships satisfaction	3	524345	856514	474481	-0.32	7.5E-01	0
QT interval	10	572545	862658	175184	-0.31	7.6E-01	0
Drinks per week	47	624858	1257091	61640	-0.31	7.6E-01	0
Chloride	14	582996	1098427	54292	-0.31	7.6E-01	0
White matter hyperintensities	3	528005	810336	416841	-0.31	7.6E-01	0
Total body BMD (15 or younger)	7	551500	1039185	244137	-0.31	7.6E-01	0
Eosinophil count (three-way meta)	117	645863	1069568	84423	-0.30	7.6E-01	0
Cerebellar vermal lobules VI VII	12	576470	843186	185615	-0.30	7.6E-01	0
Menstrual cycle length	5	544048	1117228	78471	-0.30	7.6E-01	0
CDON - Cell adhesion molecule-related/down-regulated by oncogenes	1	524285	524285	524285	-0.29	7.7E-01	0
CD4:%RTE	1	524605	524605	524605	-0.29	7.7E-01	0
::::X-11550	1	527550	527550	527550	-0.29	7.7E-01	0
Vitamin K percentage of undercarboxylated osteocalcin (at exam 6 or 7, GEE, adjusted for age and sex)	9	568983	576395	430827	-0.29	7.7E-01	0
Vitamin K plasma phylloquinone (at exam 6 or 7, GEE, adjusted for age and sex)	2	579233	829539	328927	-0.29	7.7E-01	0
Anterior limb of internal capsule radial diffusivities	2	575501	835419	315582	-0.29	7.7E-01	0
Monocyte count (three-way meta)	134	648628	1093106	97777	-0.29	7.7E-01	0
Age at first live birth (female)	15	590413	1089984	109928	-0.28	7.8E-01	0
Asthma, hay fever or eczema	58	633619	1197049	220662	-0.28	7.8E-01	0
Subcutaneous adipose tissue attenuation (male)	1	544410	544410	544410	-0.28	7.8E-01	0
Cingulum (cingulate gyrus) axial diffusivities	4	557716	710658	368659	-0.28	7.8E-01	0
Inferior fronto-occipital fasciculus mean diffusivities	2	573296	633178	513414	-0.28	7.8E-01	0
::::X-12456	2	576224	839023	313425	-0.28	7.8E-01	0
Total lipids in small LDL	12	589284	1089553	296573	-0.28	7.8E-01	0
Posterior limb of internal capsule axial diffusivities	6	562368	1140271	372944	-0.28	7.8E-01	0
HOMA-IR (at exam 7, GEE, adjusted for age and sex)	1	545980	545980	545980	-0.27	7.8E-01	0
Menstrual fever	1	548240	548240	548240	-0.27	7.9E-01	0
Sleep duration (mean)	7	568635	664266	43752	-0.27	7.9E-01	0
Vitiligo (late onset)	5	559010	665375	86496	-0.27	7.9E-01	0
Total cholesterol in HDL	11	586548	1042579	74752	-0.27	7.9E-01	0

Fasting insulin (at exam 7, GEE, adjusted for age and sex)	1	545980	545980	545980	-0.26	8.0E-01	0
F11 - Coagulation Factor XI	2	582585	651993	513178	-0.25	8.0E-01	0
Amino acid::Tryptophan metabolism::X-12100--hydroxytryptophan*	3	552740	987160	508206	-0.25	8.0E-01	0
NID2 - Nidogen-2	1	556970	556970	556970	-0.25	8.0E-01	0
Peptide::Dipeptide::pro-hydroxy-pro	1	551180	551180	551180	-0.25	8.0E-01	0
Types of physical activity in last 4 weeks: Light DIY (eg: pruning, watering the lawn)	5	564225	842960	76649	-0.25	8.0E-01	0
Openness to Experience (NEO-FFI)	1	550570	550570	550570	-0.25	8.0E-01	0
Double bonds in fatty acids	3	548893	713123	521474	-0.25	8.0E-01	0
Relative age of first facial hair (male)	78	641573	1085894	148743	-0.25	8.0E-01	0
F7 - Coagulation Factor VII	2	591532	795001	388063	-0.25	8.0E-01	0
Low-density-lipoprotein cholesterol	16	605781	972744	319617	-0.25	8.0E-01	0
Vitamin K percentage of undercarboxylated osteocalcin (at exam 6 or 7, GEE, adjusted for multiv	6	579429	710328	550473	-0.25	8.0E-01	0
CD34 on Stem	2	585721	747239	424203	-0.25	8.0E-01	0
PRSS3 - Trypsin-3	1	554135	554135	554135	-0.25	8.0E-01	0
Cingulum (cingulate gyrus) radial diuivities	2	589824	732738	446909	-0.25	8.1E-01	0
Types of transport used (excluding work): Walk	7	572478	1078124	475506	-0.25	8.1E-01	0
CCL17 - C-C motif chemokine 17	3	563553	799484	296644	-0.24	8.1E-01	0
Reaction time	39	627113	991665	187568	-0.24	8.1E-01	0
MMSE score (at age 65, GEE, adjusted for birth-cohort)	2	592761	814936	370587	-0.24	8.1E-01	0
Cholesterol esters in very large HDL	7	576970	924116	300392	-0.24	8.1E-01	0
Reason for reducing amount of alcohol drunk: Other reason	2	594386	865441	323332	-0.23	8.1E-01	0
Blood urea nitrogen	160	655081	1009751	162559	-0.23	8.2E-01	0
Body Mass Index (female > 50 yrs)	16	610561	831621	266421	-0.23	8.2E-01	0
Non-cancer illness code, self-reported: diabetes	35	631385	1039403	127300	-0.23	8.2E-01	0
Suffer from 'nerves'	9	586548	1331945	79348	-0.23	8.2E-01	0
High-density lipoprotein cholesterol (at exam 3, GEE, adjusted for age and sex)	1	553705	553705	553705	-0.23	8.2E-01	0
Total cerebral brain volume (GEE, adjusted for age and sex)	2	602395	802206	402583	-0.22	8.2E-01	0
Overall activity (conditioning sex and BMI)	2	596295	876853	315738	-0.22	8.2E-01	0
Periodontal complex trait 4	1	570673	570673	570673	-0.22	8.3E-01	0
ITGA1 ITGB1 - Integrin alpha-I: beta-1 complex	1	573303	573303	573303	-0.22	8.3E-01	0
Age spot	2	604110	693733	514487	-0.22	8.3E-01	0
Body Mass Index (male > 50 yrs)	18	614885	947845	132192	-0.21	8.3E-01	0
Mitral annular calcification	1	579550	579550	579550	-0.21	8.3E-01	0
Triglycerides (at exam 2, GEE, adjusted for age and sex)	1	570958	570958	570958	-0.21	8.3E-01	0
Verbal-numerical reasoning	27	625013	1025048	106612	-0.21	8.3E-01	0
Concentration of small LDL particles	8	589284	877694	382584	-0.21	8.3E-01	0
HIPK3 - Homeodomain-interacting protein kinase 3	1	562288	562288	562288	-0.21	8.3E-01	0
Visceral fat by CT (GEE, adjusted for age and sex)	2	600713	867063	334363	-0.21	8.3E-01	0
Average across all tracts mode of anisotropy	2	597093	793964	400222	-0.21	8.4E-01	0
Non-cancer illness code, self-reported: angina	13	607173	911330	151638	-0.21	8.4E-01	0
Non-cancer illness code, self-reported: hayfever/allergic rhinitis	13	604133	1105033	240679	-0.21	8.4E-01	0
Age at natural menopause (GEE)	2	610135	672518	547753	-0.20	8.4E-01	0
Corrected insulin response (adjusted for insulin sensitivity index)	2	608554	845457	371651	-0.20	8.4E-01	0

Visceral fat by CT (GEE, adjusted for age, sex, smoking, menopause)	2	600713	867063	334363	-0.20	8.4E-01	0
Types of transport used (excluding work): Car/motor vehicle	1	579423	579423	579423	-0.20	8.5E-01	0
Cholesterol esters in large LDL	13	604770	1055113	374945	-0.19	8.5E-01	0
Aspartate aminotransferase	20	619345	1047219	48244	-0.19	8.5E-01	0
Concentration of medium HDL particles	3	586548	984386	328255	-0.19	8.5E-01	0
SEMA3E - Semaphorin-3E	1	578428	578428	578428	-0.19	8.5E-01	0
Average across all tracts axial diuivities	4	597609	837311	460609	-0.19	8.5E-01	0
Mean triglycerides from exam 1-7 (GEE, adjusted for multivariable)	2	615177	804173	426180	-0.19	8.5E-01	0
Mean triglycerides from exam 1-7 (GEE, adjusted for age and sex)	2	615177	804173	426180	-0.18	8.5E-01	0
Lipoprotein A (at exam 3, GEE, adjusted for multivariable)	14	613269	1136285	107248	-0.18	8.5E-01	0
JAG1 - Protein jagged-1	2	619229	650998	587459	-0.18	8.6E-01	0
Overall health rating	47	643415	1153283	125768	-0.18	8.6E-01	0
Focal Epilepsy, hippocampal sclerosis (HS)	2	614200	817980	410421	-0.18	8.6E-01	0
Total cholesterol in small LDL	9	604770	941313	385130	-0.18	8.6E-01	0
Number of self-reported cancers	7	597025	744341	321497	-0.18	8.6E-01	0
Broad depression	7	593940	769674	481033	-0.17	8.6E-01	0
Life span	2	615808	891731	339884	-0.17	8.6E-01	0
Coffee intake	22	626030	1211758	75279	-0.17	8.6E-01	0
ROR1 - Tyrosine-protein kinase transmembrane receptor ROR1	1	583968	583968	583968	-0.17	8.6E-01	0
PDCD1LG2 - Programmed cell death 1 ligand 2	1	588338	588338	588338	-0.17	8.6E-01	0
28 year time-averaged Fasting plasma glucose (GEE, adjusted for age, sex and BMI)	8	599569	935993	113052	-0.17	8.6E-01	0
Waist-hip ratio (male <= 50 yrs, adjusted for BMI)	1	592133	592133	592133	-0.17	8.7E-01	0
Cofactors and vitamins::Hemoglobin and porphyrin metabolism::biliverdin	1	600395	600395	600395	-0.17	8.7E-01	0
Low-density lipoprotein cholesterol (at exam 4, GEE, adjusted for age and sex)	3	588370	945861	314979	-0.17	8.7E-01	0
Treatment/medication code: ventolin 100micrograms inhaler	12	618721	860567	281457	-0.16	8.7E-01	0
Occipital brain volume (GEE, adjusted for multivariable)	1	597905	597905	597905	-0.16	8.7E-01	0
Mean low-density lipoprotein cholesterol fromexam 1-7 (GEE, adjusted for age and sex)	3	588370	836973	308513	-0.16	8.7E-01	0
Cofactors and vitamins::Hemoglobin and porphyrin metabolism::bilirubin (Z,Z)	1	600395	600395	600395	-0.16	8.7E-01	0
Cofactors and vitamins::Hemoglobin and porphyrin metabolism::bilirubin (E,Z or Z,E)*	1	600395	600395	600395	-0.16	8.7E-01	0
Activated partial thromboplastin time	6	603606	912434	153682	-0.16	8.7E-01	0
Fasting plasma glucose (at exam 5, GEE, adjusted for age and sex)	3	585880	744233	345087	-0.16	8.7E-01	0
Occipital brain volume (GEE, adjusted for age and sex)	1	597905	597905	597905	-0.16	8.8E-01	0
Residual from predicted FEF25-75/FVC for latest exam (GEE, adjusted for multiple covariates)	4	603766	803601	561251	-0.15	8.8E-01	0
Total cholesterol in very large HDL	8	606231	1088621	528099	-0.15	8.8E-01	0
ApoA1	6	606613	1066224	196449	-0.15	8.8E-01	0
Total lipids in medium HDL	3	586548	984386	328255	-0.15	8.8E-01	0
Drive faster than motorway speed limit	21	634753	988613	213280	-0.15	8.8E-01	0
Years since last cervical smear test (female)	6	603016	805232	178825	-0.15	8.8E-01	0
Cofactors and vitamins::Hemoglobin and porphyrin metabolism::X-11793--oxidized bilirubin*	1	600395	600395	600395	-0.15	8.8E-01	0
Corticospinal tract mode of anisotropy	1	604068	604068	604068	-0.15	8.8E-01	0
:::X-11530	1	600395	600395	600395	-0.15	8.8E-01	0
SELL - L-Selectin	1	608283	608283	608283	-0.14	8.9E-01	0
Cofactors and vitamins::Hemoglobin and porphyrin metabolism::bilirubin (E,E)*	1	600395	600395	600395	-0.14	8.9E-01	0

....X-13215	1	603415	603415	603415	-0.14	8.9E-01	0
Phosphorus	6	606580	927589	355484	-0.14	8.9E-01	0
Diagnoses - secondary ICD10: Z85 Personal history of malignant neoplasm	1	609465	609465	609465	-0.14	8.9E-01	0
Lipid::Carnitine metabolism::cis-4-decenoyl carnitine	2	625054	894417	355691	-0.14	8.9E-01	0
Concentration of chylomicrons and extremely large VLDL particles	7	614910	976125	340115	-0.14	8.9E-01	0
D-dimer (at exam 6, GEE, adjusted for multivariable)	2	631283	758655	503910	-0.14	8.9E-01	0
Left postcentral	6	617603	665156	322343	-0.13	9.0E-01	0
Right thalamus proper	4	613213	1213465	51112	-0.13	9.0E-01	0
Multiple Sclerosis	18	636436	1019228	117572	-0.13	9.0E-01	0
IL15RA - Interleukin-15 receptor subunit alpha	1	622523	622523	622523	-0.12	9.0E-01	0
Treatment/medication code: bendroflumethiazide	16	632978	1072324	142796	-0.12	9.0E-01	0
Eosinophil percentage of granulocytes (two-way meta)	97	660213	1131560	141814	-0.12	9.0E-01	0
B:%Mature	1	617010	617010	617010	-0.12	9.0E-01	0
....X-11440	1	622075	622075	622075	-0.12	9.0E-01	0
Alcohol dependency (full discovery samples)	1	620200	620200	620200	-0.12	9.0E-01	0
Neutrophil percentage of granulocytes (two-way meta)	95	660213	1132070	178427	-0.11	9.1E-01	0
Diagnoses - main ICD10: M17 Osteoarthritis of knee	3	614298	1249150	476524	-0.11	9.1E-01	0
Cigarettes per day (excluding nonsmokers)	2	637711	918059	357363	-0.11	9.1E-01	0
Right inferior lateral ventricle	3	610818	819869	320824	-0.10	9.2E-01	0
Cancer register - Histology of cancer tumour: Basal cell carcinoma, NOS	24	644454	930931	98940	-0.10	9.2E-01	0
Lipid::Long chain fatty acid::adrenate (22:4n6)	1	631788	631788	631788	-0.10	9.2E-01	0
Triglycerides in medium VLDL	8	628013	1152693	85903	-0.09	9.3E-01	0
Glycine	4	629152	1251847	41670	-0.09	9.3E-01	0
Asthma	20	643551	1005998	292181	-0.08	9.3E-01	0
Sagittal stratum mode of anisotropy	2	658305	969691	346919	-0.08	9.3E-01	0
Hypertriglyceridemia	4	629379	711532	580843	-0.08	9.3E-01	0
Neck cross-sectional moment of inertia (GEE, male, adjusted for age)	1	646793	646793	646793	-0.08	9.4E-01	0
Neutrophil percentage of white cells (two-way meta)	80	663046	1133838	93413	-0.08	9.4E-01	0
NKeff:%314-158a+	330	669176	1027133	213042	-0.08	9.4E-01	0
Pain type(s) experienced in last month: Stomach or abdominal pain	2	650809	888447	413171	-0.07	9.4E-01	0
Asthma (child-onset)	67	661478	1088499	299055	-0.07	9.4E-01	0
Seen doctor (GP) for nerves, anxiety, tension or depression	25	654258	1139650	95918	-0.07	9.4E-01	0
Wheeze or whistling in the chest in last year	24	651598	1131414	293286	-0.07	9.4E-01	0
Morning/evening person (chronotype)	112	667319	1162164	119263	-0.07	9.4E-01	0
Left insula	4	627782	1311636	68113	-0.07	9.4E-01	0
Tea intake	21	648410	1164618	306338	-0.07	9.4E-01	0
Total cholesterol / High-density lipoprotein cholesterol ratio (at exam 7, GEE, adjusted for age and sex)	1	637505	637505	637505	-0.07	9.4E-01	0
CD55 - Complement decay-accelerating factor	1	648823	648823	648823	-0.07	9.4E-01	0
AIMP1 - Endothelial monocyte-activating polypeptide 2	1	649273	649273	649273	-0.07	9.4E-01	0
Focal Epilepsy	1	649165	649165	649165	-0.07	9.4E-01	0
Diagnoses - secondary ICD10: E03 Other hypothyroidism	40	657540	1108684	410239	-0.07	9.5E-01	0
Age-related Macular Degeneration	31	656655	997913	263322	-0.06	9.5E-01	0
Age at first birth (female)	5	629393	1276083	430185	-0.06	9.5E-01	0

Luteinizing hormone (at exam 3, GEE, adjusted for age and sex)	3	632718	719479	625394	-0.06	9.5E-01	0
Hearing aid user	3	626783	945589	324752	-0.06	9.5E-01	0
Nucleotide::Purine metabolism, adenine containing::N1-methyladenosine	1	657820	657820	657820	-0.06	9.6E-01	0
Xenobiotics::Drug::2-methoxyacetaminophen sulfate*	2	659686	938874	380497	-0.06	9.6E-01	0
Treatment/medication code: aspirin	4	642720	938733	349516	-0.06	9.6E-01	0
Non-butter spread type details: Flora Pro-Active or Benecol	6	636213	926591	402315	-0.06	9.6E-01	0
Maximum carotid artery bulb IMT (at exam 6, GEE, adjusted for age and sex)	1	646203	646203	646203	-0.05	9.6E-01	0
::::X-01911	1	646865	646865	646865	-0.05	9.6E-01	0
CAMK1 - Calcium/calmodulin-dependent protein kinase type 1	2	664188	932595	395781	-0.05	9.6E-01	0
Lipid::Medium chain fatty acid::caprylate (8:0)	2	658515	894426	422604	-0.05	9.6E-01	0
Right entorhinal	3	634860	931785	379027	-0.05	9.6E-01	0
Lipid::Sterol, Steroid::5alpha-androstan-3beta,17beta-diol disulfate	3	640390	871106	345508	-0.04	9.6E-01	0
Retrolenticular part of internal capsule mode of anisotropy	6	631640	953067	325622	-0.04	9.7E-01	0
Hippocampal volume (GEE, adjusted for multivariable)	1	660488	660488	660488	-0.04	9.7E-01	0
Treatment/medication code: levothyroxine sodium	47	665375	1100020	345475	-0.04	9.7E-01	0
Hippocampal volume (GEE, adjusted for age and sex)	1	660488	660488	660488	-0.04	9.7E-01	0
Amino acid::Glutamate metabolism::pyroglutamine*	4	639446	1027879	362622	-0.04	9.7E-01	0
AGER - Advanced glycosylation end product-specific receptor, soluble	1	667833	667833	667833	-0.03	9.7E-01	0
Depression - Recent lack of interest of pleasure in doing things	1	662578	662578	662578	-0.03	9.7E-01	0
CST6 - Cystatin-M	1	652085	652085	652085	-0.03	9.7E-01	0
Hemoglobin A1C	9	645613	900685	505020	-0.03	9.8E-01	0
Left pars triangularis	1	669333	669333	669333	-0.03	9.8E-01	0
Granulocyte percentage of myeloid white cells (two-way meta)	97	667925	1115185	93711	-0.03	9.8E-01	0
Body of corpus callosum axial diffusivities	3	647943	1047060	407927	-0.02	9.8E-01	0
Tumor necrosis factor receptor II (at exam 7, GEE, adjusted for age and sex)	1	673465	673465	673465	-0.02	9.8E-01	0
SNRPF - Small nuclear ribonucleoprotein F	1	678693	678693	678693	-0.02	9.9E-01	0
Non-albumin protein	39	667463	1067198	411438	-0.01	9.9E-01	0
Interleukin-12p70	3	657310	764339	383500	-0.01	9.9E-01	0
Shaft average buckling ratio (GEE, male, adjusted for age)	3	651995	854344	390326	-0.01	9.9E-01	0
SERPINA1 - Alpha-1-antitrypsin	1	675858	675858	675858	-0.01	9.9E-01	0
CTSA - Lysosomal protective protein	1	679143	679143	679143	-0.01	9.9E-01	0
CD36 - Platelet glycoprotein 4	1	682768	682768	682768	-0.01	9.9E-01	0
Lipid::Essential fatty acid::X-12990--docosapentaenoic acid (n6-DPA)	1	667463	667463	667463	-0.01	9.9E-01	0
Peptide::Fibrinogen cleavage peptide::ADpSGEGDFXAEAGGVR*	1	682768	682768	682768	-0.01	9.9E-01	0
Total lipids in medium VLDL	8	651848	860042	156479	-0.01	1.0E+00	0
Type of accommodation lived in: A house or bungalow	2	673859	991085	356634	0.00	1.0E+00	0
Gamma-glutamyl transferase	32	665893	1172208	259429	0.00	1.0E+00	0
Total cholesterol / High-density lipoprotein cholesterol ratio (at exam 1, GEE, adjusted for age and sex)	1	671785	671785	671785	0.00	1.0E+00	0
Glucose levels 2 h after an oral glucose challenge	1	683278	683278	683278	0.00	1.0E+00	0
Lipid::Inositol metabolism::scyllo-inositol	1	680895	680895	680895	0.00	1.0E+00	0
Body Mass Index (male)	363	672625	1140566	176507	0.00	1.0E+00	0
APOE - Apolipoprotein E (isoform E2)	1	678693	678693	678693	0.00	1.0E+00	0
TIE1 - Tyrosine-protein kinase receptor Tie-1, soluble	1	688525	688525	688525	0.00	1.0E+00	0

IDS - Iduronate 2-sulfatase	1	679143	679143	679143	0.00	1.0E+00	0
Non-cancer illness code, self-reported: osteoarthritis	3	654168	848608	343179	0.00	1.0E+00	0
ICAM2 - Intercellular adhesion molecule 2	1	682768	682768	682768	0.01	1.0E+00	0
CD200 - OX-2 membrane glycoprotein	1	682768	682768	682768	0.01	1.0E+00	0
::::X-11441	1	680218	680218	680218	0.01	1.0E+00	0
Salicylic acid and derivatives	6	658126	995141	413272	0.01	1.0E+00	0
Total-body less head BMD	4	660009	985103	324646	0.01	9.9E-01	0
CHST15 - Carbohydrate sulfotransferase 15	1	682768	682768	682768	0.01	9.9E-01	0
SELE - E-Selectin	1	682768	682768	682768	0.01	9.9E-01	0
Basophil percentage of granulocytes (three-way meta)	38	669313	1004079	126006	0.01	9.9E-01	0
CTSZ - Cathepsin Z	1	679143	679143	679143	0.01	9.9E-01	0
::::X-11442	1	680218	680218	680218	0.01	9.9E-01	0
INSR - Insulin receptor	1	682768	682768	682768	0.01	9.9E-01	0
Lipid::Fatty acid metabolism (also BCAA metabolism)::butyrylcarnitine	4	661675	1076433	267493	0.02	9.9E-01	0
::::X-12627	1	690760	690760	690760	0.02	9.9E-01	0
Eosinophil percentage of granulocytes (three-way meta)	114	673229	1086919	84834	0.02	9.9E-01	0
Lipid::Long chain fatty acid::pentadecanoate (15:0)	1	694215	694215	694215	0.02	9.9E-01	0
ENG - Endoglin	1	682768	682768	682768	0.02	9.8E-01	0
Serum calcium (at exam 2, GEE, adjusted for age and sex)	1	693178	693178	693178	0.02	9.8E-01	0
Hand grip (at exam 7, GEE)	2	691033	736609	645456	0.02	9.8E-01	0
Had other major operations	1	693428	693428	693428	0.02	9.8E-01	0
Hand grip (at offspring exam 7 cohort exam 27, GEE)	2	691033	736609	645456	0.02	9.8E-01	0
Uncinate fasciculus axial diusivities	1	693060	693060	693060	0.02	9.8E-01	0
Citrate	4	666720	896784	548718	0.02	9.8E-01	0
Posterior thalamic radiation (include optic radiation) fractional anisotropy	1	695505	695505	695505	0.02	9.8E-01	0
Interleukin-10	2	694316	712819	675813	0.02	9.8E-01	0
Inferior fronto-occipital fasciculus radial diusivities	1	693060	693060	693060	0.03	9.8E-01	0
::::X-11799	1	691853	691853	691853	0.03	9.8E-01	0
Intermediate-density lipoprotein by NMR (at exam 4, GEE, adjusted for multivariable)	12	662720	987299	63628	0.03	9.8E-01	0
Age of initiation of regular smoking	5	662633	1188550	465385	0.03	9.7E-01	0
Right postcentral	3	669333	909503	351999	0.03	9.7E-01	0
Daytime sleepiness / dozing	1	701585	701585	701585	0.04	9.7E-01	0
::::X-02269	3	671508	1023313	547845	0.04	9.7E-01	0
Lymphocyte percentage of white cells (three-way meta)	96	678575	1135889	95754	0.04	9.7E-01	0
Right pars triangularis	5	669333	677188	59909	0.04	9.7E-01	0
Uncinate fasciculus mean diusivities	1	703043	703043	703043	0.04	9.6E-01	0
Phospholipids in medium VLDL	10	666598	1093759	253186	0.05	9.6E-01	0
Cognitive performance	153	676120	1082510	92619	0.05	9.6E-01	0
Reason for glasses/contact lenses: For just reading/near work as you are getting older (called 'pr	3	680180	840683	363239	0.05	9.6E-01	0
Uncinate fasciculus radial diusivities	1	703043	703043	703043	0.05	9.6E-01	0
Subcutaneous adipose tissue volume	1	712045	712045	712045	0.05	9.6E-01	0
Basophil percentage of white cells (three-way meta)	44	677086	1033089	124297	0.05	9.6E-01	0
Geographic atrophy	3	678693	758206	552133	0.05	9.6E-01	0

MMP8 - Neutrophil collagenase	3	677845	730991	567746	0.05	9.6E-01	0
Left supramarginal	5	669333	690300	66903	0.05	9.6E-01	0
PLAUR - Urokinase plasminogen activator surface receptor	1	710330	710330	710330	0.06	9.6E-01	0
Basophil percentage of white cells (two-way meta)	29	676158	1020317	126312	0.06	9.6E-01	0
White blood cells	7	673745	920073	480588	0.06	9.5E-01	0
Morningness	117	678165	1160463	120689	0.06	9.5E-01	0
Weight (female)	10	675399	1111026	315026	0.06	9.5E-01	0
Thyroid-stimulating hormone (male)	21	676045	919705	602028	0.07	9.5E-01	0
Neutrophil count (three-way meta)	95	678315	1169459	104621	0.07	9.5E-01	0
FLT4 - Vascular endothelial growth factor receptor 3	3	688525	775538	685646	0.07	9.4E-01	0
Lipid::Monoacylglycerol::1-stearoylglycerol (1-monostearin)	1	712063	712063	712063	0.07	9.4E-01	0
Interleukin-17	1	725510	725510	725510	0.07	9.4E-01	0
Childhood obesity	6	673271	1101319	319310	0.07	9.4E-01	0
IL17RD - Interleukin-17 receptor D	1	717630	717630	717630	0.07	9.4E-01	0
Monocyte count	27	680480	1095929	217991	0.07	9.4E-01	0
Amino acid::Tryptophan metabolism::indolelactate	1	723603	723603	723603	0.07	9.4E-01	0
Lipid::Lysolipid::1-eicosadienoylglycerophosphocholine*	1	717513	717513	717513	0.07	9.4E-01	0
Right ventral DC	6	679235	1226819	77010	0.08	9.4E-01	0
CSF3 - Granulocyte colony-stimulating factor	1	730453	730453	730453	0.08	9.4E-01	0
Epworth Sleepiness Scale (GEE, adjusted for age, sex, BMI and usual sleep duration)	3	695350	856394	672824	0.08	9.4E-01	0
Glutamine	6	678170	1395566	58720	0.08	9.4E-01	0
High cholesterol lipoprotein	17	675745	1322198	53854	0.08	9.4E-01	0
Estimated glomerular filtration rate based on serum creatinine (non-diabetic)	61	680143	1000742	147526	0.08	9.4E-01	0
Monocyte count (two-way meta)	113	680480	1150310	96751	0.08	9.3E-01	0
Inferior fronto-occipital fasciculus mode of anisotropy	2	710418	818784	602051	0.08	9.3E-01	0
Zinc sulfate turbidity test	2	713658	1014365	412950	0.08	9.3E-01	0
Basophil count (two-way meta)	41	680480	1065250	84667	0.08	9.3E-01	0
Remnant lipoprotein cholesterol (at exam 4, GEE)	2	714651	834193	595109	0.08	9.3E-01	0
Frequency of friend/family visits	10	677620	1352924	135529	0.09	9.3E-01	0
Loneliness, isolation (LONE)	4	690156	1055344	442737	0.09	9.3E-01	0
Family relationship satisfaction	1	735878	735878	735878	0.09	9.3E-01	0
Left posterior cingulate	1	727988	727988	727988	0.09	9.3E-01	0
Epworth Sleepiness Scale (GEE, adjusted for age, sex and BMI)	3	695350	856394	672824	0.09	9.3E-01	0
Lipid::Sphingolipid::palmitoyl sphingomyelin	1	737510	737510	737510	0.09	9.3E-01	0
Diagnoses - main ICD10: C44 Other and unspecified malignant neoplasm of skin	26	682456	967618	200524	0.09	9.3E-01	0
Serum levels of soluble E-selectin with T1D	1	730695	730695	730695	0.09	9.3E-01	0
Right cerebellum white matter	13	684965	1317335	399468	0.10	9.2E-01	0
Amino acid::Glutathione metabolism::5-oxoproline	1	737328	737328	737328	0.10	9.2E-01	0
Biologic age by osseographic scoring system (GEE, adjusted for multivariable)	1	731040	731040	731040	0.10	9.2E-01	0
Total cholesterol (at exam 6, GEE, adjusted for age and sex)	3	702050	989013	648325	0.10	9.2E-01	0
IL5RA - Interleukin-5 receptor subunit alpha	1	736593	736593	736593	0.10	9.2E-01	0
Treatment/medication code: simvastatin	20	683355	873274	215978	0.10	9.2E-01	0
Advanced adenoma	1	730130	730130	730130	0.10	9.2E-01	0

Chronic kidney disease (at exam 7, GEE, adjusted for age and sex)	33	686600	1054995	384010	0.10	9.2E-01	0
Bust size	2	721569	763804	679333	0.11	9.2E-01	0
LCMT1 - Leucine carboxyl methyltransferase 1	2	727061	1052119	402003	0.11	9.1E-01	0
MASP1 - Mannan-binding lectin serine protease 1	1	739498	739498	739498	0.11	9.1E-01	0
Cofactors and vitamins::Ascorbate and aldarate metabolism::X-11593--O-methylascorbate*	5	694273	810723	646865	0.11	9.1E-01	0
Human-virus - gp41 C34 peptide, HIV	1	740338	740338	740338	0.11	9.1E-01	0
::::X-11470	1	732723	732723	732723	0.11	9.1E-01	0
Maximum carotid artery stenosis (at exam 6, GEE, adjusted for age and sex)	2	724583	908731	540434	0.12	9.1E-01	0
VEGFA - Vascular endothelial growth factor A, isoform 121	1	742125	742125	742125	0.12	9.1E-01	0
LYZ - Lysozyme C	1	745753	745753	745753	0.12	9.0E-01	0
Leprosy	2	730364	870164	590563	0.12	9.0E-01	0
Types of transport used (excluding work): Cycle	1	746725	746725	746725	0.12	9.0E-01	0
QT interval (male, cohort exam 11 offspring exam 1, GEE, adjusted for age nad RR)	3	711275	844996	549950	0.13	9.0E-01	0
MMP1 - Interstitial collagenase	1	752188	752188	752188	0.13	9.0E-01	0
Spine Neck BMD (GEE, female, adjusted for multivariable)	1	746478	746478	746478	0.13	9.0E-01	0
Lipid::Sterol, Steroid::dehydroisoandrosterone sulfate (DHEA-S)	2	729131	973597	484665	0.13	9.0E-01	0
Lipid::Sterol, Steroid::4-androsten-3beta,17beta-diol disulfate 1*	2	729131	973597	484665	0.13	9.0E-01	0
Platelet aggregation to collagen (at exam 5, GEE, adjusted for age and sex)	1	754025	754025	754025	0.13	9.0E-01	0
Superior corona radiata fractional anisotropy	4	697195	760934	523477	0.13	9.0E-01	0
Moderate intensity	1	760235	760235	760235	0.13	9.0E-01	0
Lipid::Carnitine metabolism::palmitoylcarnitine	1	758448	758448	758448	0.13	9.0E-01	0
Tumor necrosis factor alpha (at exam 7, GEE, adjusted for multivariable)	4	696709	742702	550973	0.13	9.0E-01	0
Genu of corpus callosum axial diffusivities	3	707440	1132926	606061	0.13	8.9E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::isobutyrylcarnitine	2	731771	992866	470677	0.14	8.9E-01	0
XCL1 - Lymphotoxin	1	754380	754380	754380	0.14	8.9E-01	0
Platelet aggregation to collagen (at exam 5, GEE, adjusted for multivariable)	1	754025	754025	754025	0.14	8.9E-01	0
Retrolenticular part of internal capsule fractional anisotropy	4	699931	1028419	362049	0.14	8.9E-01	0
Total cholesterol (at exam 4, GEE, adjusted for age and sex)	2	737199	811613	662784	0.14	8.9E-01	0
Fasting plasma glucose (at exam 7, GEE, adjusted for age, sex and BMI)	5	707010	1081133	658788	0.14	8.9E-01	0
Lipid::Carnitine metabolism::oleoylcarnitine	1	758448	758448	758448	0.14	8.9E-01	0
Thin vs extreme obese	2	737646	830016	645277	0.14	8.9E-01	0
CH2 groups to double bonds ratio	4	705436	922774	496423	0.15	8.8E-01	0
High-density-lipoprotein cholesterol	29	694580	1052688	103741	0.15	8.8E-01	0
Femoral Neck BMD (GEE, female, adjusted for multivariable)	2	736355	866749	605961	0.16	8.8E-01	0
Lymphocyte count	10	698776	1347217	201352	0.16	8.8E-01	0
Cholesterol esters in medium HDL	6	702551	871428	199109	0.16	8.7E-01	0
Symbol digit substitution test - Number of symbol digit matches attempted	6	705734	1240339	455333	0.16	8.7E-01	0
Antidepressants	1	769455	769455	769455	0.16	8.7E-01	0
SERPINA4 - Kallistatin	1	775320	775320	775320	0.17	8.7E-01	0
Posterior cortical atrophy	3	719763	804408	387647	0.17	8.7E-01	0
CCL15 - C-C motif chemokine 15	1	770930	770930	770930	0.17	8.6E-01	0
Spread type: Butter/spreadable butter	8	706016	1029411	349474	0.17	8.6E-01	0
Superior longitudinal fasciculus mean diffusivities	3	729058	1076166	516526	0.17	8.6E-01	0

Right amygdala	6	709455	1023940	394565	0.18	8.6E-01	0
Heart rate recovery at 20 secnds	15	705170	1033409	198798	0.18	8.6E-01	0
Right precuneus	2	748906	1094522	403291	0.18	8.6E-01	0
First PC of the four risky behaviours	64	694644	1229573	198975	0.18	8.6E-01	0
Snoring	34	698791	1242741	111614	0.18	8.6E-01	0
Concentration of small VLDL particles	12	702551	949047	421839	0.18	8.6E-01	0
Medication for pain relief, constipation, heartburn: Aspirin	4	719566	1061144	300735	0.18	8.6E-01	0
Coffee cups per day	1	780430	780430	780430	0.18	8.5E-01	0
Impedance measures - Impedance of leg (left)	447	682503	1155285	124853	0.19	8.5E-01	0
Hemoglobin A1c	21	705053	1112253	417280	0.20	8.4E-01	0
Mean coronary artery calcification - Agatston score (at exam 7, GEE, adjusted for multivariable)	1	781405	781405	781405	0.20	8.4E-01	0
Amino acid::Phenylalanine & tyrosine metabolism::3-(4-hydroxyphenyl)lactate	1	786553	786553	786553	0.20	8.4E-01	0
Low-density lipoprotein cholesterol (at exam 2, GEE, adjusted for age and sex)	1	781405	781405	781405	0.20	8.4E-01	0
WIF1 - Wnt inhibitory factor 1	1	793583	793583	793583	0.20	8.4E-01	0
::::X-11412	1	797550	797550	797550	0.21	8.4E-01	0
Mean thyroid stimulation hormone from exam 3 and 4 (GEE, adjusted for multivariable)	2	759696	1017835	501556	0.21	8.3E-01	0
::::X-11792	2	755300	829280	681320	0.21	8.3E-01	0
Right lateral orbitofrontal	5	735818	1284313	695640	0.21	8.3E-01	0
Blood clot, DVT, bronchitis, emphysema, asthma, rhinitis, eczema, allergy diagnosed by doctor: H	111	690818	1120401	99927	0.21	8.3E-01	0
Basophil percentage of granulocytes (two-way meta)	28	703709	1128588	109064	0.22	8.3E-01	0
Illnesses of mother: Breast cancer	12	713113	1123981	72306	0.22	8.3E-01	0
Cancer (diagnosed by doctor)	5	729058	1116113	718645	0.22	8.2E-01	0
Free thyroxine (FT4, male)	7	719743	892615	514966	0.22	8.2E-01	0
High-density lipoprotein cholesterol (at exam 4, GEE, adjusted for age and sex)	2	768730	927589	609871	0.22	8.2E-01	0
Right cerebellum exterior	21	713013	1015942	37856	0.23	8.2E-01	0
::::X-18601	2	766418	937535	595300	0.23	8.2E-01	0
Non-cancer illness code, self-reported: depression	1	803498	803498	803498	0.23	8.1E-01	0
HAVCR2 - Hepatitis A virus cellular receptor 2	1	802273	802273	802273	0.24	8.1E-01	0
High-density lipoprotein 3 cholesterol (at exam 4, GEE, adjusted for age and sex)	2	768730	927589	609871	0.24	8.1E-01	0
Relative age voice broke (male)	26	709688	1009222	141234	0.24	8.1E-01	0
Current employment status: Doing unpaid or voluntary work	3	760953	960884	418647	0.24	8.1E-01	0
Amino acid::Creatine metabolism::creatine	1	804745	804745	804745	0.24	8.1E-01	0
Number of live births (female)	7	734533	1061604	98554	0.24	8.1E-01	0
Amino acid::Glycine, serine and threonine metabolism::glycine	1	804745	804745	804745	0.24	8.1E-01	0
Platelet distribution width (two-way meta)	122	694173	1116600	144377	0.25	8.1E-01	0
Forearm BMD	3	760258	1174644	578291	0.25	8.1E-01	0
Lipid::Monoacylglycerol::1-oleoylglycerol (1-monoolein)	1	818555	818555	818555	0.25	8.0E-01	0
CNDP1 - Beta-Ala-His dipeptidase	1	811238	811238	811238	0.25	8.0E-01	0
::::X-11452	1	822285	822285	822285	0.25	8.0E-01	0
Splenium of corpus callosum fractional anisotropy	5	740255	970290	695505	0.26	8.0E-01	0
Amino acid::Lysine metabolism::glutaroyl carnitine	8	726981	1094302	443685	0.26	8.0E-01	0
Eosinophil count (two-way meta)	106	697781	1141567	130407	0.26	8.0E-01	0
Ever had known person concerned about, or recommended reduction of alcohol consumption	2	774169	838752	709586	0.26	7.9E-01	0

Mineral and other dietary supplements: Calcium	4	749432	1492680	40017	0.26	7.9E-01	0
Albuminuria	31	714893	1137285	249761	0.27	7.9E-01	0
Total cholesterol / High-density lipoprotein cholesterol ratio (at exam 2, GEE, adjusted for age and sex)	3	766583	773994	513825	0.27	7.9E-01	0
Total cholesterol (at exam 7, GEE, adjusted for age and sex)	1	818283	818283	818283	0.27	7.9E-01	0
CNTN4 - Contactin-4	1	823563	823563	823563	0.27	7.9E-01	0
Age high blood pressure diagnosed	9	729583	1372948	84496	0.27	7.9E-01	0
Mean abdominal aortic calcification - Agatston score (at exam 7, GEE, adjusted for age and sex)	2	778343	791410	765275	0.27	7.9E-01	0
Ever unenthusiastic/disinterested for a whole week	2	782587	1140742	424432	0.27	7.9E-01	0
::::X-11327	2	787613	1007905	567320	0.27	7.8E-01	0
Lipid::Eicosanoid::X-12441--12-hydroxyeicosatetraenoate (12-HETE)	1	831750	831750	831750	0.28	7.8E-01	0
Inflammatory Bowel Disease	132	697886	1126955	148760	0.29	7.8E-01	0
ESD - S-formylglutathione hydrolase	1	846518	846517	846517	0.29	7.7E-01	0
Diagnoses - main ICD10: K57 Diverticular disease of intestine	12	732865	1004836	394734	0.29	7.7E-01	0
Frequency of tenseness / restlessness in last 2 weeks	8	739929	1016108	310178	0.29	7.7E-01	0
WFIKKN2 - WAP, Kazal, immunoglobulin, Kunitz and NTR domain-containing protein 2	1	840440	840440	840440	0.29	7.7E-01	0
Cancer register - Behaviour of cancer tumour: Carcinoma in situ	1	840790	840790	840790	0.29	7.7E-01	0
Mean corpuscular hemoglobin (two-way meta)	137	697765	1216680	220254	0.29	7.7E-01	0
Disialylation	1	835425	835425	835425	0.29	7.7E-01	0
Obesity class 1	16	730111	1262095	383953	0.30	7.7E-01	0
Heart rate variability (SDNN)	6	751738	1298050	161926	0.30	7.7E-01	0
Total bilirubin	8	738733	1342429	91881	0.30	7.7E-01	0
Cingulum (hippocampus) fractional anisotropy	1	840440	840440	840440	0.30	7.6E-01	0
Lipid::Fatty acid metabolism (also BCAA metabolism)::propionylcarnitine	4	758270	1254596	388469	0.30	7.6E-01	0
Uncinate fasciculus fractional anisotropy	2	790013	994476	585549	0.30	7.6E-01	0
Hyperthyroidism	10	740721	1123445	424717	0.30	7.6E-01	0
Sleep sedentary (conditioning sex and BMI)	5	759793	1561180	701760	0.30	7.6E-01	0
Drugs affecting bone structure and mineralization	10	739629	1139094	433414	0.31	7.6E-01	0
IL17RB - interleukin-17 receptor B	1	843100	843100	843100	0.31	7.6E-01	0
Amino acid::Phenylalanine & tyrosine metabolism::phenyllactate (PLA)	1	841233	841233	841233	0.31	7.6E-01	0
HbA1c	54	714065	1209588	383161	0.31	7.6E-01	0
Intermediate high-density lipoprotein by NMR (at exam 4, GEE, adjusted for age and sex)	1	844268	844267	844267	0.31	7.6E-01	0
Diagnoses - main ICD10: R10 Abdominal and pelvic pain	1	845510	845510	845510	0.31	7.6E-01	0
Arms-arm fat ratio (female)	118	700878	1034723	102815	0.31	7.6E-01	0
CST1 - Cystatin-SN	2	803341	1158676	448007	0.31	7.5E-01	0
Right hippocampus	12	737163	905236	433041	0.32	7.5E-01	0
BCL2A1 - Bcl-2-related protein A1	1	851908	851908	851908	0.32	7.5E-01	0
Left inferior lateral ventricle	4	766684	984178	446730	0.32	7.5E-01	0
CST2 - Cystatin-SA	2	803341	1158676	448007	0.33	7.4E-01	0
Periodontal complex trait 3 - Aa trait	2	798903	961373	636433	0.33	7.4E-01	0
Creatine kinase	30	723366	1011169	66381	0.33	7.4E-01	0
Retrolenticular part of internal capsule mean diffusivities	2	801855	855030	748680	0.33	7.4E-01	0
Mineral and other dietary supplements: Fish oil (including cod liver oil)	6	753070	1034334	179905	0.33	7.4E-01	0
Lipid::Sterol, Steroid::4-androsten-3beta,17beta-diol disulfate 2*	2	802881	1179008	426753	0.33	7.4E-01	0

Atrial fibrillation	103	704448	1122404	342304	0.33	7.4E-01	0
HRG - Histidine-rich glycoprotein	1	859163	859163	859163	0.34	7.4E-01	0
Lipid::Sterol, Steroid::cortisone	1	870475	870475	870475	0.34	7.4E-01	0
FETUB - Fetuin-B	1	859163	859163	859163	0.34	7.4E-01	0
Relative wall thickness	1	853988	853988	853988	0.34	7.3E-01	0
ETHE1 - Persulfide dioxygenase ETHE1, mitochondrial	1	859163	859163	859163	0.34	7.3E-01	0
Nap during day	75	711078	1105469	130951	0.34	7.3E-01	0
Free thyroxine (FT4, female)	9	757165	821192	310785	0.34	7.3E-01	0
ICAM5 - Intercellular adhesion molecule 5	1	863173	863173	863173	0.34	7.3E-01	0
Heart rate variability (RMSSD)	7	767923	1475635	326952	0.35	7.3E-01	0
ICAM1 - Intercellular adhesion molecule 1	1	863173	863173	863173	0.35	7.3E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::hydroxyisovaleroyl carnitine	2	809280	1142384	476177	0.35	7.3E-01	0
Phospholipids in LDL	12	746061	1154155	95473	0.35	7.3E-01	0
AHSG - Alpha-2-HS-glycoprotein	1	869150	869150	869150	0.35	7.3E-01	0
Peptide::Dipeptide::X-14208--phenylalanylserine	1	866553	866553	866553	0.35	7.3E-01	0
Facial ageing	55	718705	1052721	90395	0.35	7.2E-01	0
Antihypertensives	2	818203	848533	787873	0.36	7.2E-01	0
N-glycosylation	6	772176	1259329	502829	0.36	7.2E-01	0
Visual scanning and motor speed (GEE, adjusted for multivariable)	2	816872	1132989	500756	0.36	7.2E-01	0
Inferior fronto-occipital fasciculus fractional anisotropy	4	773926	961300	624258	0.36	7.2E-01	0
Transport type for commuting to job workplace: Car/motor vehicle	1	864035	864035	864035	0.37	7.1E-01	0
Mean corpuscular hemoglobin	65	714893	1101913	90714	0.37	7.1E-01	0
Amino acid::Alanine and aspartate metabolism::asparagine	3	809285	889586	803198	0.37	7.1E-01	0
Fasting plasma glucose (at exam 7, GEE, adjusted for age and sex)	12	751496	1085908	482089	0.37	7.1E-01	0
Falls in the last year	5	783183	893328	238323	0.37	7.1E-01	0
High light scatter percentage of red cells (three-way meta)	118	707310	1110043	119754	0.37	7.1E-01	0
CPNE1 - Copine-1	1	876843	876842	876842	0.37	7.1E-01	0
Alkaline phosphatase (at exam 2, GEE, adjusted for multivariable)	2	816666	933526	699807	0.37	7.1E-01	0
Vascular endothelial growth factor	2	816755	1170288	463223	0.38	7.1E-01	0
Total cholesterol in large VLDL	11	765925	919409	116974	0.38	7.1E-01	0
CD32 on mDC	1	883748	883748	883748	0.38	7.1E-01	0
Serum total cholesterol	10	757501	1112504	143176	0.38	7.1E-01	0
Male-specific factors - Hair/balding pattern: Pattern 4	145	703688	1127210	143498	0.38	7.0E-01	0
Isoleucine	2	824168	1228768	419568	0.38	7.0E-01	0
Average weekly champagne plus white wine intake	11	764545	1211046	454174	0.38	7.0E-01	0
CAPG - Macrophage-capping protein	1	891645	891645	891645	0.39	7.0E-01	0
TIMP3 - Metalloproteinase inhibitor 3	1	888365	888365	888365	0.39	7.0E-01	0
Illnesses of father: Alzheimer's disease/dementia	1	889053	889053	889053	0.39	7.0E-01	0
Splenium of corpus callosum radial diffusivities	8	768704	1355371	553884	0.39	7.0E-01	0
:::X-10510	3	816268	938858	810763	0.39	7.0E-01	0
LGALS3BP - Galectin-3-binding protein	1	879690	879690	879690	0.39	7.0E-01	0
CD4:%Treg(39+73+)	1	882988	882988	882988	0.39	7.0E-01	0
Amino acid::Tryptophan metabolism::tryptophan betaine	2	826493	979168	673818	0.39	6.9E-01	0

Total protein	24	743341	963183	392371	0.39	6.9E-01	0
Left cerebellum exterior	13	763213	1305810	51303	0.40	6.9E-01	0
Weight change compared with 1 year ago	1	889053	889053	889053	0.40	6.9E-01	0
Drugs for peptic ulcer and gastro-oesophageal reflux disease (GORD)	5	795498	1178155	66035	0.40	6.9E-01	0
Cannabis use	4	787915	1245809	353908	0.40	6.9E-01	0
Mean low-density lipoprotein cholesterol from exam 1-7 (GEE, adjusted for multivariable)	2	836973	961274	712671	0.40	6.9E-01	0
Neck Section Modulus (GEE, adjusted for multivariable)	1	896600	896600	896600	0.40	6.9E-01	0
Body of corpus callosum fractional anisotropy	3	819578	883061	561786	0.40	6.9E-01	0
::::X-11483	1	889695	889695	889695	0.40	6.9E-01	0
::::X-14625	1	892930	892930	892930	0.40	6.9E-01	0
PGC cross disorder	4	799226	1225639	300538	0.41	6.9E-01	0
25-Hydroxyvitamin D level	20	747458	986733	293376	0.41	6.8E-01	0
Antisocial behavior (female)	2	830614	1216454	444773	0.41	6.8E-01	0
MMSE score (at exam 7, GEE, adjusted for age)	12	762891	1060904	241497	0.41	6.8E-01	0
Mean total cholesterol from exam 1-7 (GEE, adjusted for multivariable)	2	836973	961274	712671	0.41	6.8E-01	0
Diagnoses - secondary ICD10: E11 Type 2 diabetes mellitus	39	732540	1086393	299993	0.42	6.8E-01	0
Genetic generalized epilepsy	1	903535	903535	903535	0.42	6.8E-01	0
Osteoarthritis of hip	28	739114	1045994	187140	0.42	6.8E-01	0
Superior corona radiata mean diusivities	2	835703	905801	765604	0.42	6.8E-01	0
Phospholipids in very small VLDL	14	761860	1037454	170611	0.42	6.8E-01	0
Digalactosylation	6	786509	1178976	574811	0.42	6.7E-01	0
Peptide::Dipeptide::X-14189--leucylalanine	2	843853	924395	763310	0.42	6.7E-01	0
Anxiety disorder (factor score)	1	903160	903160	903160	0.43	6.7E-01	0
LDL diameter	5	805883	955163	395798	0.43	6.7E-01	0
CST5 - Cystatin-D	1	897198	897198	897198	0.43	6.7E-01	0
Treatment/medication code: ramipril	3	826673	1222518	610704	0.43	6.7E-01	0
Posterior limb of internal capsule mean diusivities	3	838300	1088341	628503	0.43	6.7E-01	0
Superior corona radiata radial diusivities	4	800633	912428	524465	0.43	6.7E-01	0
CA6 - Carbonic anhydrase 6	1	910498	910498	910498	0.43	6.7E-01	0
Visceral sdipose tissue volume (adjusted for BMI)	4	799906	1192394	394419	0.43	6.7E-01	0
Vitiligo	30	740455	1176916	116180	0.43	6.7E-01	0
High-density lipoprotein cholesterol (at exam 1, GEE, adjusted for age and sex)	1	902585	902585	902585	0.43	6.7E-01	0
Peptide::gamma-glutamyl::gamma-glutamylglutamine	2	849843	1241605	458081	0.43	6.6E-01	0
Number of sexual partners	72	721611	1162502	188661	0.44	6.6E-01	0
MAPKAPK2 - MAP kinase-activated protein kinase 2	2	852759	1017141	688377	0.44	6.6E-01	0
Estimated glomerular filtration rate based on serum creatinine	105	714693	1015240	271088	0.44	6.6E-01	0
Alcohol intake frequency	70	724966	1125026	129270	0.44	6.6E-01	0
MMSE score (at exam 5, GEE, adjusted for age)	11	778853	1040979	695891	0.44	6.6E-01	0
Triglycerides (at exam 1, GEE, adjusted for multivariable)	1	913278	913278	913278	0.44	6.6E-01	0
HDL diameter	8	786835	1110696	567870	0.44	6.6E-01	0
Vitiligo (early onset)	1	922435	922435	922435	0.44	6.6E-01	0
APOB - Apolipoprotein B	1	916168	916167	916167	0.45	6.6E-01	0
Fasting glucose main effect	16	762186	1391916	191450	0.45	6.6E-01	0

Concentration of very large HDL particles	7	797550	1177365	584506	0.45	6.5E-01	0
POSTN - Periostin	1	911180	911180	911180	0.45	6.5E-01	0
Illnesses of father: Prostate cancer	3	842773	1055566	566590	0.45	6.5E-01	0
Cancer (GEE, adjusted for multivariable)	1	920393	920392	920392	0.45	6.5E-01	0
Lipid::Lysolipid::1-palmitoylglycerophosphoethanolamine	1	925430	925430	925430	0.45	6.5E-01	0
Positive affect (MA GWAMA)	82	720200	1165619	175515	0.45	6.5E-01	0
Platelet derived growth factor BB	3	836653	1103279	483783	0.45	6.5E-01	0
Hypertension	1	925610	925610	925610	0.46	6.5E-01	0
Genu of corpus callosum radial diuivities	4	807954	1008323	699594	0.46	6.5E-01	0
Cancer (GEE, adjusted for age and sex)	1	920393	920392	920392	0.46	6.5E-01	0
Sum neutrophil eosinophil count (three-way meta)	102	718523	1201344	155431	0.46	6.5E-01	0
GFRA1 - GDNF family receptor alpha-1	2	855804	1020434	691173	0.46	6.4E-01	0
Diagnoses - main ICD10: I25 Chronic ischemic heart disease	25	755635	1079455	453870	0.46	6.4E-01	0
Femoral Neck Length (GEE, adjusted for multivariable)	3	848208	928820	634066	0.46	6.4E-01	0
Cingulum (hippocampus) mean diuivities	1	925098	925098	925098	0.46	6.4E-01	0
Diagnoses - secondary ICD10: J45 Asthma	21	760445	1105033	303590	0.46	6.4E-01	0
Ischemic stroke	1	928078	928078	928078	0.46	6.4E-01	0
Lipid::Lysolipid::1-oleoylglycerophosphoethanolamine	1	925430	925430	925430	0.46	6.4E-01	0
PCSK7 - Proprotein convertase subtilisin/kexin type 7	1	922308	922308	922308	0.47	6.4E-01	0
Beta nerve growth factor	1	928360	928360	928360	0.47	6.4E-01	0
Epworth Sleepiness Scale (GEE, adjusted for age, sex, BMI, usual sleep duration and additional	2	856394	936916	775872	0.47	6.4E-01	0
Concentration of large VLDL particles	8	792240	1008001	391314	0.47	6.4E-01	0
Phenylalanine	2	854445	913310	795580	0.47	6.4E-01	0
Sum basophil neutrophil count (three-way meta)	100	718523	1184096	110826	0.47	6.4E-01	0
Total cholesterol (at exam 2, GEE, adjusted for age and sex)	4	816515	998514	616188	0.47	6.4E-01	0
IL25 - Interleukin-25	1	923305	923305	923305	0.47	6.4E-01	0
Lipid::Carnitine metabolism::octanoylcarnitine	3	852333	1008056	695191	0.47	6.4E-01	0
Vitamin D plasma 25(OH)-D (at exam 6 or 7, GEE, adjusted for age and sex)	1	928385	928385	928385	0.47	6.4E-01	0
Worry/vulnerability factors	13	782163	1343513	551685	0.48	6.3E-01	0
Left ventricular internal dimension in diastole	3	853988	1185196	800129	0.48	6.3E-01	0
Total-body less head BMD and total body lean mass (bivariate meta-analysis)	9	796800	1004520	666668	0.48	6.3E-01	0
Age at menopause	42	739396	1113224	399028	0.48	6.3E-01	0
Diagnoses - secondary ICD10: K21 Gastro-esophageal reflux disease	1	940400	940400	940400	0.48	6.3E-01	0
AMN - Protein amnionless	1	938475	938475	938475	0.48	6.3E-01	0
::::X-03094	5	818555	1317188	83239	0.48	6.3E-01	0
Neck Section Modulus (GEE, female, adjusted for multivariable)	1	940688	940688	940688	0.48	6.3E-01	0
Illnesses of siblings: Heart disease	3	851270	1019795	775553	0.48	6.3E-01	0
Crohn's Disease	142	712213	1132919	347002	0.48	6.3E-01	0
Cingulum (cingulate gyrus) fractional anisotropy	4	818978	942934	579343	0.48	6.3E-01	0
Superior longitudinal fasciculus radial diuivities	4	818631	1036972	622792	0.48	6.3E-01	0
Energy::Krebs cycle::malate	1	938865	938865	938865	0.49	6.3E-01	0
Worry subcluster	59	731810	1311698	112775	0.49	6.3E-01	0
Anxiety/tension factors	13	782163	1343513	551685	0.49	6.2E-01	0

MMSE score (at exam 7, GEE, adjusted for multivariable)	2	858548	1016168	700928	0.49	6.2E-01	0
MAPKAPK3 - MAP kinase-activated protein kinase 3	1	950015	950015	950015	0.49	6.2E-01	0
ANXA1 - Annexin A1	1	928565	928565	928565	0.49	6.2E-01	0
Free cholesterol in small VLDL	11	797550	919060	423210	0.49	6.2E-01	0
Lipid::Sterol, Steroid::cholesterol	1	946783	946783	946783	0.49	6.2E-01	0
Neck Section Modulus (GEE, female, adjusted for age)	1	940688	940688	940688	0.49	6.2E-01	0
Chronic kidney disease (at exam 7, GEE, adjusted for multivariable)	12	789218	1085388	477651	0.50	6.2E-01	0
Left ventricular internal dimension in systole	3	853988	970369	800129	0.50	6.2E-01	0
Low cholesterol lipoprotein	14	775933	1169944	439964	0.50	6.2E-01	0
Free cholesterol in medium VLDL	7	818555	1096754	297742	0.50	6.2E-01	0
Heart rate recovery at 10 secnds	16	776683	1143033	108092	0.50	6.2E-01	0
HOMA-B	4	826464	1353527	275448	0.50	6.2E-01	0
PROC - Vitamin K-dependent protein C	1	950673	950673	950673	0.50	6.2E-01	0
::::X-12844	4	824953	1259806	359058	0.50	6.2E-01	0
Heart rate recovery at 30 secnds	21	767923	904060	115768	0.51	6.1E-01	0
Phospholipids in large VLDL	7	818555	919409	314614	0.51	6.1E-01	0
Anterior corona radiata fractional anisotropy	7	819578	848623	377580	0.51	6.1E-01	0
Total lipids in chylomicrons and extremely large VLDL	7	818555	979404	327468	0.51	6.1E-01	0
Central corneal thickness	29	759835	1053798	422213	0.51	6.1E-01	0
Adrenergics, inhalants	40	751529	1001276	318350	0.52	6.0E-01	0
Pericardial adipose tissue volume (adjusted for height and weight, male)	1	958743	958742	958742	0.52	6.0E-01	0
Extreme obesity (childhood)	2	876113	939594	812631	0.52	6.0E-01	0
MIF - Macrophage migration inhibitory factor	1	950015	950015	950015	0.52	6.0E-01	0
Age when periods started (menarche) (female)	184	712341	1122476	196464	0.52	6.0E-01	0
Pericardial adipose tissue volume (male)	1	958743	958742	958742	0.52	6.0E-01	0
Asthma (adult-onset)	25	767645	908280	347450	0.52	6.0E-01	0
Worry too long after embarrassment	22	767135	1021552	138923	0.52	6.0E-01	0
IL1A - Interleukin-1 alpha	1	950015	950015	950015	0.52	6.0E-01	0
Total lipids in large LDL	14	787651	1175429	377491	0.52	6.0E-01	0
Total lipids in large VLDL	7	818555	979404	478593	0.53	6.0E-01	0
Peptide::Dipeptide::X-14304--leucylalanine	2	874809	939873	809744	0.53	6.0E-01	0
Extreme Waist-hip ratio (adjusted for BMI)	2	880005	965983	794028	0.53	5.9E-01	0
Cerebrospinal fluid levels of amyloid-beta 1-42	1	973443	973442	973442	0.53	5.9E-01	0
Triglyceride	27	765925	1023714	152967	0.53	5.9E-01	0
SOD2 - Superoxide dismutase [Mn], mitochondrial	1	962338	962338	962338	0.53	5.9E-01	0
Probable major depressive disorder	1	966988	966988	966988	0.54	5.9E-01	0
Phospholipids in small VLDL	9	818555	949067	514640	0.54	5.9E-01	0
::::X-12094	1	967390	967390	967390	0.54	5.9E-01	0
Infantile hypertrophic pyloric stenosis	6	818603	1039886	334516	0.54	5.9E-01	0
Phospholipids in very large VLDL	7	836050	1068231	792240	0.54	5.9E-01	0
Age at menopause (last menstrual period) (female)	59	741363	1167133	120117	0.54	5.9E-01	0
HCK - Tyrosine-protein kinase HCK	1	969995	969995	969995	0.54	5.9E-01	0
Cingulum (cingulate gyrus) mean diuivities	3	875653	1126300	670906	0.54	5.9E-01	0

Fluid intelligence test - FI7 : synonym	1	961218	961217	961217	0.54	5.9E-01	0
Sagittal diameter by CT (GEE, adjusted for age, sex, smoking and menopause)	1	969028	969028	969028	0.54	5.9E-01	0
SLAMF7 - SLAM family member 7	1	969403	969403	969403	0.54	5.9E-01	0
Non-cancer illness code, self-reported: migraine	13	800740	1061773	406448	0.55	5.8E-01	0
Triglycerides in large VLDL	6	824461	959667	532741	0.55	5.8E-01	0
D-dimer (at exam 6, GEE, adjusted for age and sex)	3	886028	988078	868826	0.55	5.8E-01	0
GRAP2 - GRB2-related adapter protein 2	1	982440	982440	982440	0.55	5.8E-01	0
Triglycerides in small HDL	9	818555	1118528	765925	0.55	5.8E-01	0
Concentration of large LDL particles	14	787651	1175429	377491	0.55	5.8E-01	0
Dysmenorrhea (quality of life impact)	1	977578	977578	977578	0.55	5.8E-01	0
Phospholipids in chylomicrons and extremely large VLDL	6	827303	966318	800503	0.56	5.8E-01	0
Nucleotide::NAD metabolism::X-12095--N1-methyl-3-pyridone-4-carboxamide	1	967390	967390	967390	0.56	5.8E-01	0
Diagnoses - main ICD10: R31 Hematuria	4	841234	1251904	394397	0.56	5.8E-01	0
Alkaline phosphatase	24	772270	1046054	188651	0.56	5.8E-01	0
Ever highly irritable/argumentative for 2 days	3	886200	1003341	660144	0.56	5.7E-01	0
Loneliness (MTAG)	13	802985	1398988	70786	0.56	5.7E-01	0
Plasma Lipoprotein A level	9	824590	1055170	128412	0.56	5.7E-01	0
White matter hyperintensity volume (GEE, adjusted for age and sex)	3	890213	1139348	808465	0.56	5.7E-01	0
Lipid::Long chain fatty acid::arachidonate (20:4n6)	1	978718	978717	978717	0.57	5.7E-01	0
PDGFRB - Platelet-derived growth factor receptor beta	1	979123	979123	979123	0.57	5.7E-01	0
TYK2 - Non-receptor tyrosine-protein kinase TYK2	1	982440	982440	982440	0.57	5.7E-01	0
Myeloid white cell count (three-way meta)	97	730250	1219753	129958	0.57	5.7E-01	0
Total lipids in small VLDL	11	818555	949054	430043	0.57	5.7E-01	0
White matter hyperintensity volume (GEE, adjusted for multivariable)	3	890213	1139348	808465	0.57	5.7E-01	0
MSR1 - Macrophage scavenger receptor types I and II	1	982440	982440	982440	0.58	5.7E-01	0
Number of treatments/medications taken	47	754590	1160480	264317	0.58	5.6E-01	0
ABL2 - Abelson tyrosine-protein kinase 2	1	982440	982440	982440	0.58	5.6E-01	0
18:2, linoleic acid (LA)	11	818555	1073441	216544	0.58	5.6E-01	0
Triglycerides in very small VLDL	11	818555	1041381	296602	0.58	5.6E-01	0
Alcohol usually taken with meals	13	809173	1017803	70284	0.59	5.6E-01	0
Neck Section Modulus (GEE, male, adjusted for age)	2	906885	1036931	776839	0.59	5.6E-01	0
Antithrombotic agents	9	833758	1082570	385130	0.59	5.6E-01	0
VWF - von Willebrand factor	1	986643	986642	986642	0.59	5.6E-01	0
Low-density lipoprotein cholesterol (at exam 6, GEE, adjusted for age and sex)	1	989188	989188	989188	0.59	5.6E-01	0
Ever had prostate specific antigen (PSA) test	3	895335	907265	760590	0.59	5.6E-01	0
Total cholesterol in small VLDL	11	818555	999000	444793	0.59	5.6E-01	0
STK17B - Serine/threonine-protein kinase 17B	1	982440	982440	982440	0.59	5.6E-01	0
BCAR3 - Breast cancer anti-estrogen resistance protein 3	1	982440	982440	982440	0.59	5.5E-01	0
IL12RB1 - Interleukin-12 receptor subunit beta-1	1	981160	981160	981160	0.59	5.5E-01	0
PPA1 - Inorganic pyrophosphatase	1	991410	991410	991410	0.59	5.5E-01	0
OCIAD1 - OCIA domain-containing protein 1	1	982440	982440	982440	0.59	5.5E-01	0
Stem cell factor	2	896879	1077596	716162	0.59	5.5E-01	0
Sleep duration	9	832098	982820	98504	0.59	5.5E-01	0

Lipid::Medium chain fatty acid::10-undecenoate (11:1n1)	1	992923	992923	992923	0.59	5.5E-01	0
Peptide::Dipeptide::aspartylphenylalanine	1	1004938	1004938	1004938	0.60	5.5E-01	0
Small low-density lipoprotein by NMR (at exam 4, GEE, adjusted for multivariable)	3	908985	1031613	859315	0.60	5.5E-01	0
22:6, docosahexaenoic acid (DHA)	3	899838	1011653	696946	0.60	5.5E-01	0
PR interval (cohort exam 11 offspring exam 1, GEE, adjusted for age nad RR)	3	907803	1028435	680969	0.60	5.5E-01	0
Left parahippocampal	3	909943	1133163	502112	0.60	5.5E-01	0
Fasting plasma glucose (at exam 5, GEE, adjusted for age, sex and BMI)	3	902585	969401	503440	0.60	5.5E-01	0
Treatment/medication code: ibuprofen	3	912318	962444	467493	0.61	5.4E-01	0
::::X-14086	1	1004938	1004938	1004938	0.61	5.4E-01	0
Lipid::Sterol, Steroid::androsterone sulfate	2	914850	1052080	777620	0.61	5.4E-01	0
Cerebellar vermal lobules I V	14	807139	1032873	105391	0.61	5.4E-01	0
Serum total triglycerides	10	824461	934064	599834	0.62	5.4E-01	0
Lipid::Lysolipid::1-arachidonoylglycerophosphocholine*	3	918253	957725	903789	0.62	5.4E-01	0
CSF	7	854105	914416	200127	0.62	5.4E-01	0
Cholesterol esters in medium VLDL	13	818555	1048933	485140	0.62	5.4E-01	0
Menstrual pain medicine use	1	1000075	1000075	1000075	0.62	5.4E-01	0
Lipid::Lysolipid::1-linoleoylglycerophosphoethanolamine*	2	907378	916404	898351	0.62	5.4E-01	0
Glucose	4	863451	1014154	689373	0.62	5.4E-01	0
Epworth Sleepiness Scale (GEE)	1	1017438	1017438	1017438	0.62	5.3E-01	0
Small low-density lipoprotein by NMR (at exam 4, GEE, adjusted for age and sex)	4	860539	972134	783952	0.62	5.3E-01	0
Number of days/week of vigorous physical activity 10+ minutes	10	824791	1006328	634146	0.62	5.3E-01	0
QRS interval	8	833528	1174862	568435	0.62	5.3E-01	0
Interleukin-16	2	916238	968164	864311	0.63	5.3E-01	0
Morning person (binary)	116	730095	1180721	106761	0.63	5.3E-01	0
Total cerebral brain volume (GEE, adjusted for multivariable)	1	1002018	1002017	1002017	0.63	5.3E-01	0
Triglycerides in very large HDL	10	823634	1163668	650053	0.63	5.3E-01	0
Age started wearing glasses or contact lenses	100	738014	1074956	148191	0.63	5.3E-01	0
Seen a psychiatrist for nerves, anxiety, tension or depression	3	920673	1054678	483596	0.63	5.3E-01	0
Triglycerides in small VLDL	11	830368	1137843	490970	0.63	5.3E-01	0
Eosinophil percentage of white cells (two-way meta)	97	736083	1223408	122584	0.63	5.3E-01	0
ESAM - Endothelial cell-selective adhesion molecule	1	1006610	1006610	1006610	0.63	5.3E-01	0
GFRA2 - GDNF family receptor alpha-2	1	1023148	1023148	1023148	0.64	5.2E-01	0
Inter-trochanteric buckling ratio (GEE, female, adjussted for age)	1	1025960	1025960	1025960	0.64	5.2E-01	0
Diagnoses - main ICD10: K40 Inguinal hernia	14	820809	1125520	73491	0.64	5.2E-01	0
Inter-trochanteric buckling ratio (GEE, male, adjussted for multivariable)	1	1019215	1019215	1019215	0.64	5.2E-01	0
Survival past average life expectancy (GEE, adjusted for birth-cohort)	1	1020063	1020063	1020063	0.65	5.2E-01	0
Insomnia	14	814311	1289623	64540	0.65	5.2E-01	0
28 year time-averaged Fasting plasma glucose (GEE, adjusted for age and sex)	9	851625	1214860	104295	0.65	5.2E-01	0
Resting heart rate	290	711600	1123018	159015	0.65	5.2E-01	0
EMR2 - EGF-like module-containing mucin-like hormone receptor-like 2	1	1038403	1038403	1038403	0.65	5.2E-01	0
FN1 - Fibronectin Fragment 4	1	1027838	1027838	1027838	0.65	5.1E-01	0
Systemic Lupus Erythematosus	61	756663	1285880	293270	0.65	5.1E-01	0
Fractured/broken bones in last 5 years	13	825893	1057395	434027	0.65	5.1E-01	0

Thyroid-stimulating hormone (female)	21	801673	1080473	576603	0.66	5.1E-01	0
Neck Section Modulus (GEE, adjusted for age and sex)	1	1036765	1036765	1036765	0.66	5.1E-01	0
Nucleotide::Purine metabolism, (hypo)xanthine, inosine containing::hypoxanthine	1	1036650	1036650	1036650	0.66	5.1E-01	0
Posterior corona radiata fractional anisotropy	2	922019	923558	920479	0.66	5.1E-01	0
FN1 - Fibronectin Fragment 3	1	1027838	1027838	1027838	0.66	5.1E-01	0
Coronary artery disease and high-density lipoprotein cholesterol (bivariate)	144	725998	1125248	217187	0.66	5.1E-01	0
Life satisfaction (MA GWAMA)	32	779481	1198157	381741	0.66	5.1E-01	0
Trunk-trunk fat ratio (male)	15	822398	1220179	168480	0.66	5.1E-01	0
FN1 - Fibronectin	2	929173	978505	879840	0.66	5.1E-01	0
Short sleep	21	805503	1078588	91238	0.67	5.0E-01	0
Resistin (GEE, adjusted for age, sex and BMI)	2	927399	1096913	757884	0.67	5.0E-01	0
Social support - Leisure/social activities: Pub or social club	17	818465	1284278	506602	0.67	5.0E-01	0
Coronary artery disease and low-density lipoprotein cholesterol (bivariate)	133	730695	1139080	361015	0.67	5.0E-01	0
Number of days/week of moderate physical activity 10+ minutes	5	889053	1369603	558700	0.67	5.0E-01	0
Shaft cross-sectional moment of inertia (GEE, female, adjusted for multivariable)	2	932634	1174766	690502	0.67	5.0E-01	0
Vitamin and mineral supplements: Multivitamins +/- minerals	2	924765	1319770	529761	0.67	5.0E-01	0
Glycoprotein acetyls, mainly a1Lacid glycoprotein	4	883811	1120143	617628	0.67	5.0E-01	0
NKeff:%337+	1	1037885	1037885	1037885	0.67	5.0E-01	0
Mouth/teeth dental problems: Dentures	30	784160	1066246	208581	0.67	5.0E-01	0
GPC3 - Glypican-3	1	1028153	1028153	1028153	0.67	5.0E-01	0
Granulocyte count (three-way meta)	102	737218	1216351	155431	0.67	5.0E-01	0
Urinary albumin-to-creatinine ratio	2	929724	1058693	800754	0.67	5.0E-01	0
Neck width (GEE, female, adjusted for multivariable)	1	1025960	1025960	1025960	0.67	5.0E-01	0
Neutrophil percentage of granulocytes (three-way meta)	107	736083	1184711	138590	0.68	5.0E-01	0
Coronary artery disease and total cholesterol (bivariate)	135	730695	1120903	376863	0.68	5.0E-01	0
Serum calcium (at exam 2, GEE, adjusted for age, sex and serum creatinine)	2	933483	1053635	813330	0.68	5.0E-01	0
Hot drink temperature	45	767540	1294605	72826	0.68	5.0E-01	0
Concentration of IDL particles	12	831980	1050478	304479	0.68	5.0E-01	0
Fasting insulin	1	1031433	1031433	1031433	0.68	5.0E-01	0
LRIG3 - Leucine-rich repeats and immunoglobulin-like domains protein 3	1	1039958	1039958	1039958	0.68	4.9E-01	0
SPON1 - Spondin-1	1	1033753	1033753	1033753	0.68	4.9E-01	0
OmegaL3 fatty acids	5	899838	1045825	494055	0.69	4.9E-01	0
:::X-12450	1	1043453	1043453	1043453	0.69	4.9E-01	0
KLRK1 - NKG2-D type II integral membrane protein	1	1049338	1049338	1049338	0.69	4.9E-01	0
:::X-12644	1	1045825	1045825	1045825	0.69	4.9E-01	0
Anxiety - Ever worried more than most people would in similar situation	1	1052310	1052310	1052310	0.69	4.9E-01	0
Thyroid-stimulating hormone	39	778293	929274	498726	0.69	4.9E-01	0
Age when last used oral contraceptive pill (female)	1	1044205	1044205	1044205	0.70	4.9E-01	0
Atrial natriuretic peptide (at exam 6, GEE, adjusted for multivariable)	1	1053973	1053973	1053973	0.70	4.9E-01	0
EPHB6 - Ephrin type-B receptor 6	1	1057895	1057895	1057895	0.70	4.9E-01	0
Pericardial adipose tissue volume (adjusted for height and weight, female)	1	1051960	1051960	1051960	0.70	4.9E-01	0
Nucleotide::Purine metabolism, guanine containing::N2,N2-dimethylguanosine	1	1060300	1060300	1060300	0.70	4.8E-01	0
Histidine	4	894400	1058084	640250	0.70	4.8E-01	0

Atrial Fibrillation	103	740255	1119101	348511	0.70	4.8E-01	0
Lipid::Carnitine metabolism::stearyl carnitine	1	1051960	1051960	1051960	0.70	4.8E-01	0
Fibrotic idiopathic interstitial pneumonias	6	873483	1013531	497613	0.70	4.8E-01	0
Immature fraction of reticulocytes (three-way meta)	102	741580	1121044	240916	0.70	4.8E-01	0
Hypothyroidism	8	855323	1193860	369793	0.71	4.8E-01	0
Posterior thalamic radiation (include optic radiation) axial diuivities	2	938233	1255351	621114	0.71	4.8E-01	0
Basophil count (three-way meta)	53	766478	1112530	96751	0.71	4.8E-01	0
Eosinophil percentage of white cells (three-way meta)	119	739293	1151696	124665	0.71	4.8E-01	0
PDGFB - Platelet-derived growth factor subunit B	1	1051143	1051143	1051143	0.71	4.8E-01	0
Depressive symptoms (univariate)	53	767688	1141800	149863	0.71	4.8E-01	0
MFGE8 - Lactadherin	1	1055668	1055668	1055668	0.71	4.8E-01	0
Periodontal complex trait 5 - Pg trait	2	943671	982687	904656	0.71	4.8E-01	0
Triglyceride / High-density lipoprotein cholesterol ratio (at exam 1, GEE, adjusted for multivariable)	1	1060918	1060918	1060918	0.71	4.8E-01	0
Illnesses of siblings: Breast cancer	3	951490	1005368	501975	0.71	4.8E-01	0
MAPK3 - Mitogen-activated protein kinase 3	1	1054850	1054850	1054850	0.71	4.8E-01	0
Alkaline phosphatase (at exam 2, GEE, adjusted for age and sex)	1	1050385	1050385	1050385	0.71	4.8E-01	0
Xenobiotics::Benzoate metabolism::4-vinylphenol sulfate	1	1060360	1060360	1060360	0.71	4.8E-01	0
Diagnoses - secondary ICD10: E78 Disorders of lipoprotein metabolism and other lipidemias	21	818555	1079695	214394	0.71	4.8E-01	0
Facial attractiveness (male-coder, female samples)	1	1052485	1052485	1052485	0.71	4.8E-01	0
Reaction time test - Mean time to correctly identify matches	37	783943	1105768	73004	0.71	4.8E-01	0
Total cholesterol in large HDL	10	853804	1051374	596580	0.71	4.8E-01	0
High-density lipoprotein cholesterol	100	742574	1117746	230108	0.71	4.7E-01	0
Heart rate recovery at 40 secnds	18	818834	1056066	381888	0.72	4.7E-01	0
Heart rate recovery at 50 secnds	18	818834	1075021	381888	0.72	4.7E-01	0
Diagnoses - secondary ICD10: K57 Diverticular disease of intestine	10	849669	1025939	205592	0.72	4.7E-01	0
FAP - Seprase	1	1065780	1065780	1065780	0.72	4.7E-01	0
Sitting height	659	700768	1127885	108483	0.72	4.7E-01	0
DYNLRB1 - Dynein light chain roadblock-type 1	1	1062243	1062243	1062243	0.72	4.7E-01	0
CD209 - CD209 antigen	1	1064218	1064218	1064218	0.72	4.7E-01	0
METAP2 - Methionine aminopeptidase 2	1	1062243	1062243	1062243	0.73	4.7E-01	0
Pulse rate (automated reading)	202	723834	1153959	196015	0.73	4.7E-01	0
Corrected insulin response	3	960418	1036844	547583	0.73	4.6E-01	0
CAT - Catalase	2	953029	1052771	853287	0.73	4.6E-01	0
:::X-13859	2	956335	1410120	502550	0.74	4.6E-01	0
MonoLunsaturated fatty acids	6	883811	988469	250732	0.74	4.6E-01	0
Medication for cholesterol, blood pressure or diabetes: Blood pressure medication	50	770760	1296984	288661	0.74	4.6E-01	0
Xenobiotics::Xanthine metabolism::3-methylxanthine	2	953061	958687	947436	0.74	4.6E-01	0
Vitamin and mineral supplements: Vitamin E	1	1067763	1067763	1067763	0.74	4.6E-01	0
:::X-13435	2	948226	1030456	865997	0.74	4.6E-01	0
Asthma (random effect model)	18	825820	1147311	395958	0.74	4.6E-01	0
Free thyroxine (FT4)	18	822718	1196573	448066	0.75	4.6E-01	0
Amino acid::Cysteine, methionine, SAM, taurine metabolism::X-11786--methylcysteine	1	1075038	1075038	1075038	0.75	4.6E-01	0
Age stopped smoking	1	1076735	1076735	1076735	0.75	4.5E-01	0

Medication for cholesterol, blood pressure, diabetes, or take exogenous hormones: Cholesterol l	27	809510	1178439	417343	0.75	4.5E-01	0
ARSB - Arylsulfatase B	1	1073073	1073073	1073073	0.75	4.5E-01	0
GNLY - Granulysin	1	1083200	1083200	1083200	0.75	4.5E-01	0
FCER2 - Low affinity immunoglobulin epsilon Fc receptor	1	1080683	1080683	1080683	0.75	4.5E-01	0
Eotaxin (CCL11)	3	971555	1741565	500645	0.75	4.5E-01	0
::::X-08988	3	972713	992768	888729	0.76	4.5E-01	0
Mean low-density lipoprotein cholesterol fromexam 1-7 (FBAT, adjusted for multivariable)	1	1085575	1085575	1085575	0.76	4.5E-01	0
Peptide::Polypeptide::bradykinin, des-arg(9)	3	972068	1051986	846734	0.76	4.5E-01	0
Body fat percentage	9	878838	1353228	382215	0.76	4.5E-01	0
CMPK1 - UMP-CMP kinase	1	1089855	1089855	1089855	0.76	4.5E-01	0
Xenobiotics::Xanthine metabolism::caffeine	1	1082660	1082660	1082660	0.76	4.5E-01	0
Platelet distribution width (three-way meta)	113	742700	1092335	354748	0.76	4.4E-01	0
Vigorous physical activity	5	930240	1133225	751333	0.77	4.4E-01	0
Height SDS	4	915130	1273486	454842	0.77	4.4E-01	0
IL18R1 - Interleukin-18 receptor 1	1	1088285	1088285	1088285	0.77	4.4E-01	0
Guilty feelings (GUILT)	12	854145	965692	378950	0.77	4.4E-01	0
Vascular/heart problems diagnosed by doctor: Angina	14	842514	1116611	321236	0.77	4.4E-01	0
PTH1H - Parathyroid hormone-related protein	1	1088588	1088588	1088588	0.77	4.4E-01	0
CAMK1D - Calcium/calmodulin-dependent protein kinase type 1D	1	1089855	1089855	1089855	0.78	4.4E-01	0
Lipid::Carnitine metabolism::carnitine	16	838394	1061705	445802	0.78	4.4E-01	0
Mental distress - Ever suffered mental distress preventing usual activities	4	915493	1171415	523001	0.78	4.4E-01	0
Left accumbens area	6	894191	1283032	204119	0.78	4.4E-01	0
Cholesterol esters in large HDL	9	889053	946992	586548	0.78	4.4E-01	0
IL5 - Interleukin-5	1	1089855	1089855	1089855	0.78	4.3E-01	0
Mean low-density lipoprotein cholesterol fromexam 1-7 (FBAT, adjusted for age and sex)	1	1085575	1085575	1085575	0.78	4.3E-01	0
Ejection fraction	2	970369	1028559	912178	0.78	4.3E-01	0
Large high-density lipoprotein by NMR (at exam 4, GEE, adjusted for age and sex)	1	1086448	1086448	1086448	0.79	4.3E-01	0
Impedance measures - Impedance of leg (right)	458	709886	1144254	164261	0.79	4.3E-01	0
PRSS27 - Serine protease 27	1	1089855	1089855	1089855	0.79	4.3E-01	0
Diagnoses - secondary ICD10: I25 Chronic ischemic heart disease	15	851270	1309281	431029	0.79	4.3E-01	0
WISP1 - WNT1-inducible-signaling pathway protein 1	1	1089855	1089855	1089855	0.79	4.3E-01	0
Alcohol - Alcohol drinker status: Never	6	898186	1250929	253162	0.79	4.3E-01	0
Traumatic events - Felt loved as child	3	976820	1178106	741361	0.79	4.3E-01	0
Superior corona radiata mode of anisotropy	3	982630	1103274	529679	0.79	4.3E-01	0
SEMA3A - Semaphorin-3A	2	974509	1032182	916836	0.79	4.3E-01	0
Other serious medical condition/disability (diagnosed by doctor)	3	991493	1408148	546305	0.79	4.3E-01	0
Left rostral anterior cingulate	4	922554	1338835	389791	0.79	4.3E-01	0
Posterior corona radiata mode of anisotropy	3	988860	1428891	754460	0.79	4.3E-01	0
Red blood cell count	41	787993	1045680	245007	0.79	4.3E-01	0
Femoral Neck BMD	36	796618	1241681	419366	0.79	4.3E-01	0
::::X-12798	3	986395	1216105	523425	0.80	4.3E-01	0
Diagnoses - secondary ICD10: Z95 Presence of cardiac and vascular implants and grafts	9	890533	1034870	678693	0.80	4.3E-01	0
Lipid::Long chain fatty acid::myristoleate (14:1n5)	1	1113115	1113115	1113115	0.80	4.3E-01	0

VLDL diameter	10	871420	1266549	782259	0.80	4.3E-01	0
Lipid::Long chain fatty acid::margarate (17:0)	1	1113115	1113115	1113115	0.80	4.3E-01	0
Headaches for 3+ months	4	924608	1075645	649757	0.80	4.2E-01	0
Anti-inflammatory and antirheumatic products, non-steroids	6	903869	1095183	247398	0.80	4.2E-01	0
Pain type(s) experienced in last month: Back pain	8	887976	998662	670678	0.80	4.2E-01	0
Medication for pain relief, constipation, heartburn: Ibuprofen (e.g. Nurofen)	7	912318	1326158	444606	0.80	4.2E-01	0
Change in serum creatinine from exam 2 to 7 (GEE, adjusted for age and sex)	1	1110343	1110343	1110343	0.81	4.2E-01	0
Corticospinal tract radial diuivities	5	948305	1178285	870740	0.81	4.2E-01	0
Neck Width (GEE, adjusted for age and sex)	1	1100235	1100235	1100235	0.81	4.2E-01	0
Posterior corona radiata radial diuivities	1	1113795	1113795	1113795	0.81	4.2E-01	0
Lipid::Long chain fatty acid::palmitate (16:0)	1	1113115	1113115	1113115	0.81	4.2E-01	0
Birth length	2	988131	1337664	638598	0.82	4.1E-01	0
Lipid::Long chain fatty acid::palmitoleate (16:1n7)	1	1113115	1113115	1113115	0.82	4.1E-01	0
Lipid::Medium chain fatty acid::5-dodecenoate (12:1n7)	1	1113115	1113115	1113115	0.82	4.1E-01	0
Free cholesterol	9	899838	1045825	374945	0.82	4.1E-01	0
Mean corpuscular hemoglobin (three-way meta)	145	738943	1129463	320653	0.82	4.1E-01	0
Automobile speeding propensity	31	813355	1119875	538151	0.82	4.1E-01	0
Lipid::Long chain fatty acid::nonadecanoate (19:0)	1	1113115	1113115	1113115	0.82	4.1E-01	0
OmegaL7 and L9 and saturated fatty acids	5	949068	1001603	818555	0.82	4.1E-01	0
Lipid::Carnitine metabolism::3-dehydrocarnitine*	2	980161	983278	977044	0.82	4.1E-01	0
Triglycerides in very large VLDL	6	910661	1100963	779083	0.82	4.1E-01	0
Lipid::Lysolipid::1-palmitoleoylglycerophosphocholine*	1	1113115	1113115	1113115	0.83	4.1E-01	0
Systolic Blood Pressure (automated reading)	209	730453	1122473	139634	0.83	4.1E-01	0
APCS - Serum amyloid P-component	1	1116670	1116670	1116670	0.83	4.1E-01	0
Free cholesterol in large HDL	11	889053	1130259	606613	0.83	4.1E-01	0
PLXNC1 - Plexin-C1	1	1116948	1116948	1116948	0.83	4.1E-01	0
Open-angle glaucoma (random-effect model)	37	806553	1044898	168601	0.83	4.1E-01	0
Lymphocyte count (three-way meta)	114	749410	1111608	171860	0.83	4.0E-01	0
Tyrosine	3	998693	1148823	528410	0.83	4.0E-01	0
ADAMTS13 - A disintegrin and metalloproteinase with thrombospondin motifs 13	1	1120203	1120203	1120203	0.83	4.0E-01	0
Age started hormone-replacement therapy (HRT) (female)	7	922255	1408741	442714	0.84	4.0E-01	0
Offspring birthweight (maternal)	7	924228	1220385	660623	0.84	4.0E-01	0
KIR2DL4 - Killer cell immunoglobulin-like receptor 2DL4	1	1123560	1123560	1123560	0.84	4.0E-01	0
PPP3CA PPP3R1 - Calcineurin	1	1120980	1120980	1120980	0.84	4.0E-01	0
Agents acting on the renin-angiotensin system	145	741878	1136463	114163	0.84	4.0E-01	0
KLK11 - Kallikrein-11	1	1135173	1135173	1135173	0.85	4.0E-01	0
High light scatter reticulocyte count (three-way meta)	120	748144	1137496	190531	0.85	4.0E-01	0
Total cholesterol in medium VLDL	10	883811	1099398	482911	0.85	4.0E-01	0
Lipid::Lysolipid::1-stearoylglycerophosphoethanolamine	1	1123655	1123655	1123655	0.85	4.0E-01	0
SPARCL1 - SPARC-like protein 1	1	1135330	1135330	1135330	0.85	4.0E-01	0
Triglycerides in chylomicrons and extremely large VLDL	6	914148	1102706	303142	0.85	4.0E-01	0
::::X-08402	2	991993	1026720	957265	0.85	3.9E-01	0
Hearing difficulty/problems with background noise	25	830990	1001603	84269	0.85	3.9E-01	0

Concentration of medium VLDL particles	10	889718	1139916	625655	0.85	3.9E-01	0
Guilty feelings	13	881448	1264640	654675	0.86	3.9E-01	0
Attention deficit hyperactivity disorder	11	892855	1212943	497249	0.86	3.9E-01	0
Fractional shortening	3	1017888	1075320	935938	0.86	3.9E-01	0
Amino acid::Lysine metabolism::lysine	1	1137315	1137315	1137315	0.86	3.9E-01	0
Fornix (cres) / Stria terminalis fractional anisotropy	1	1138703	1138703	1138703	0.86	3.9E-01	0
Comparative height size at age 10	457	713448	1114073	168115	0.86	3.9E-01	0
Hip circumference (male)	24	833950	1196401	458584	0.86	3.9E-01	0
Amino acid::Tryptophan metabolism::tryptophan	17	856618	1022270	525145	0.87	3.9E-01	0
Illnesses of father: Heart disease	20	846216	1119437	363832	0.88	3.8E-01	0
Sagittal diameter by CT (GEE, adjusted for age and sex)	1	1127085	1127085	1127085	0.88	3.8E-01	0
Percent predicted FEF25-75 for latest exam (GEE, adjusted for multiple covariates)	4	950311	1321710	604336	0.88	3.8E-01	0
Mental health - Illness, injury, bereavement, stress in last 2 years: Financial difficulties	3	1023008	1167565	854443	0.88	3.8E-01	0
Beta blocking agents	47	795763	1235108	491945	0.88	3.8E-01	0
White matter hyperintensity volume (GEE, adjusted for multivariable with APOE)	4	956653	1114440	849339	0.88	3.8E-01	0
Lymphocyte percentage of white cells (two-way meta)	83	768645	1144873	196233	0.88	3.8E-01	0
Xenobiotics::Xanthine metabolism::1-methylxanthine	1	1165490	1165490	1165490	0.88	3.8E-01	0
Open-angle glaucoma (fixed-effect model)	41	806553	1059860	174462	0.88	3.8E-01	0
Lipid::Medium chain fatty acid::pelargonate (9:0)	1	1151108	1151108	1151108	0.88	3.8E-01	0
Neuroticism general factor	46	796220	1230458	99213	0.88	3.8E-01	0
CFHR5 - Complement factor H-related protein 5	1	1151555	1151555	1151555	0.88	3.8E-01	0
Anterior limb of internal capsule axial diuivities	2	1013764	1256476	771052	0.89	3.8E-01	0
Treatment/medication code: metformin	29	832305	1152513	428733	0.89	3.8E-01	0
Left ventral DC	6	933798	1184813	300938	0.89	3.7E-01	0
Waist circumference (male, adjusted for BMI)	37	813175	1190793	112308	0.89	3.7E-01	0
Free cholesterol in large VLDL	8	919409	1118562	805398	0.89	3.7E-01	0
Mean arterial pressure	21	848045	1122783	263795	0.89	3.7E-01	0
Total lipids in very small VLDL	12	883811	1050478	379486	0.89	3.7E-01	0
Total cholesterol / High-density lipoprotein cholesterol ratio (at exam 6, GEE, adjusted for age and sex)	2	1013751	1234507	792996	0.89	3.7E-01	0
Concentration of large HDL particles	8	916110	1110696	760553	0.89	3.7E-01	0
Acetoacetate	2	1016169	1114976	917362	0.89	3.7E-01	0
Lung cancer (adjusted for age)	3	1026643	1160283	980650	0.89	3.7E-01	0
Mean corpuscular volume	75	769498	1076421	198935	0.90	3.7E-01	0
Lipid::Long chain fatty acid::X-12442--5,8-tetradecadienoate	1	1158020	1158020	1158020	0.90	3.7E-01	0
Daytime napping	7	946520	1066675	399486	0.90	3.7E-01	0
Amino acid::Phenylalanine & tyrosine metabolism::phenylalanine	1	1148495	1148495	1148495	0.90	3.7E-01	0
Concentration of very small VLDL particles	12	883811	1070123	381858	0.90	3.7E-01	0
Concentration of very large VLDL particles	7	949068	1071718	669135	0.90	3.7E-01	0
Amyotrophic lateral sclerosis	6	935901	1369743	171442	0.90	3.7E-01	0
NRP1 - Neuropilin-1	1	1147413	1147413	1147413	0.90	3.7E-01	0
Amino acid::Glycine, serine and threonine metabolism::N-acetylglycine	2	1018876	1125942	911811	0.90	3.7E-01	0
Total body BMD	61	781903	1203333	339343	0.90	3.7E-01	0
Anterior corona radiata mean diuivities	5	975900	1147350	466160	0.91	3.6E-01	0

RGMA - Repulsive guidance molecule A	1	1152513	1152513	1152513	0.91	3.6E-01	0
Total lipids in very large VLDL	7	949068	1071718	486283	0.91	3.6E-01	0
GRN - Granulins	1	1152513	1152513	1152513	0.91	3.6E-01	0
Total lipids in large HDL	8	916110	1110696	760553	0.91	3.6E-01	0
Noisy workplace	1	1164618	1164618	1164618	0.91	3.6E-01	0
Left lingual	5	983585	1497278	94282	0.91	3.6E-01	0
Open-angle glaucoma	6	935514	1277202	646358	0.91	3.6E-01	0
Lipid::Lysolipid::1-arachidonoylglycerophosphoinositol*	4	968436	1194688	708983	0.91	3.6E-01	0
PPID - Peptidyl-prolyl cis-trans isomerase D	1	1163780	1163780	1163780	0.92	3.6E-01	0
Waist-hip ratio (male, adjusted for BMI)	10	905414	1397184	692481	0.92	3.6E-01	0
Lamb/mutton intake	18	867938	1034478	69147	0.92	3.6E-01	0
Comparative body size at age 10	172	740809	1201341	137596	0.92	3.6E-01	0
Total cholesterol	121	755865	1162523	387173	0.92	3.6E-01	0
Percent predicted FEF25-75/FVC for latest exam (GEE, adjusted for multiple covariates)	4	969626	1350683	562959	0.92	3.6E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::leucine	11	913785	1076463	599483	0.92	3.6E-01	0
Worry too long after embarrassment (WORR-EMB)	18	861511	1050194	352567	0.92	3.6E-01	0
Mean corpuscular volume (two-way meta)	147	748590	1158769	158722	0.92	3.6E-01	0
Number of self-reported non-cancer illnesses	36	817938	1414458	363062	0.92	3.6E-01	0
Male pattern baldness (BOLT LMM non-infinitesimal mixed model)	347	723280	1105631	179495	0.92	3.6E-01	0
IMPDH2 - Inosine-5'-monophosphate dehydrogenase 2	1	1162328	1162328	1162328	0.92	3.6E-01	0
Amino acid::Glycine, serine and threonine metabolism::betaine	3	1036218	1223268	920481	0.92	3.6E-01	0
Diagnoses - main ICD10: K80 Cholelithiasis	15	881008	1127658	80472	0.92	3.6E-01	0
GPC5 - Glypican-5	1	1184868	1184868	1184868	0.93	3.5E-01	0
CNTN2 - Contactin-2	1	1175578	1175578	1175578	0.93	3.5E-01	0
GOT1 - Aspartate aminotransferase, cytoplasmic	1	1154430	1154430	1154430	0.93	3.5E-01	0
Shaft Section Modulus (GEE, male, adjsusted for multivariable)	1	1167850	1167850	1167850	0.93	3.5E-01	0
Aspartate aminotransferase (at exam 2, GEE, adjusted for multivariable)	2	1036616	1174206	899027	0.94	3.5E-01	0
Shaft Width (GEE, male, adjsusted for multivariable)	1	1167850	1167850	1167850	0.94	3.5E-01	0
Impedance measures - Trunk fat mass	428	717713	1141230	118706	0.94	3.5E-01	0
Moderate to vigorous physical activity levels	19	873448	1319581	61573	0.94	3.5E-01	0
Diverticular disease	61	789088	1138955	162788	0.94	3.5E-01	0
Shaft cross-sectional moment of inertia (GEE, male, adjsusted for multivariable)	1	1167850	1167850	1167850	0.95	3.4E-01	0
PEF	266	730150	1167076	165896	0.95	3.4E-01	0
Lymphocyte count (two-way meta)	112	760833	1144230	205409	0.95	3.4E-01	0
Serum creatinine	51	804745	1107733	201162	0.95	3.4E-01	0
Happiness and subjective well-being - General happiness	1	1181195	1181195	1181195	0.95	3.4E-01	0
Left superior temporal	1	1191618	1191618	1191618	0.95	3.4E-01	0
Lipid::Long chain fatty acid::stearidonate (18:4n3)	1	1181688	1181688	1181688	0.95	3.4E-01	0
Cancer register - Type of cancer: ICD10: C50 Malignant neoplasm of breast	9	936240	1069450	464265	0.95	3.4E-01	0
Never eat eggs, dairy, wheat, sugar: I eat all of the above	11	924228	1128154	624635	0.95	3.4E-01	0
Diagnoses - secondary ICD10: Z92 Personal history of medical treatment	3	1053010	1791330	1049563	0.96	3.4E-01	0
Age hay fever, rhinitis or eczema diagnosed	24	849218	1202956	498121	0.96	3.4E-01	0
Phospholipids in large HDL	9	943168	1141990	818555	0.96	3.4E-01	0

Amino acid::Alanine and aspartate metabolism::alanine	2	1036141	1334754	737528	0.96	3.4E-01	0
Systolic Blood Pressure	29	848045	1103473	223135	0.96	3.4E-01	0
Triglyceride / High-density lipoprotein cholesterol ratio (at exam 2, GEE, adjusted for age and sex)	1	1183588	1183588	1183588	0.96	3.4E-01	0
Microalbuminuria	1	1187663	1187663	1187663	0.96	3.4E-01	0
Glioma	12	899935	1304187	617321	0.96	3.3E-01	0
Other polyunsaturated fatty acids than 18:2	6	957164	1027002	636089	0.97	3.3E-01	0
Mean erythrocyte cell volume	4	978601	1075023	887002	0.97	3.3E-01	0
Follicle stimulating hormone (at exam 3, GEE, adjusted for age and sex)	3	1058510	1095961	563762	0.97	3.3E-01	0
Social support - Leisure/social activities: Sports club or gym	9	948488	1036333	104020	0.97	3.3E-01	0
Left basal forebrain	3	1065723	1487795	555382	0.97	3.3E-01	0
Medication for cholesterol, blood pressure or diabetes: Cholesterol lowering medication	33	833758	1047450	229329	0.97	3.3E-01	0
EDAR - Tumor necrosis factor receptor superfamily member EDAR	2	1044644	1280314	808973	0.98	3.3E-01	0
Stem cell growth factor beta	2	1044773	1117041	972504	0.98	3.3E-01	0
Non-cancer illness code, self-reported: hypothyroidism/myxoedema	75	783140	1139713	327709	0.98	3.3E-01	0
Total lipids in very large HDL	9	946993	1100265	797550	0.98	3.3E-01	0
Lactate dehydrogenase	5	1004188	1217050	617268	0.98	3.3E-01	0
Parkinson Disease	6	956171	1299603	637970	0.99	3.2E-01	0
CCL4L1 - C-C motif chemokine 4-like	1	1196450	1196450	1196450	0.99	3.2E-01	0
Anxiety disorder (case/control)	1	1201733	1201733	1201733	0.99	3.2E-01	0
Illnesses of father: Bowel cancer	3	1064808	1233548	842486	0.99	3.2E-01	0
Pain type(s) experienced in last month: Knee pain	8	942316	1020380	732324	0.99	3.2E-01	0
4th ventricle	13	918940	1192940	158949	0.99	3.2E-01	0
Nervous feelings (NERV-FEEL)	35	835355	1175465	235547	0.99	3.2E-01	0
Diagnoses - secondary ICD10: Z82 Family history of certain disabilities and chronic diseases (lea	6	964495	1123575	380211	0.99	3.2E-01	0
Illnesses of mother: High blood pressure	17	892065	1073905	341380	1.00	3.2E-01	0
TGFBI - Transforming growth factor-beta-induced protein ig-h3	1	1206840	1206840	1206840	1.00	3.2E-01	0
Impedance measures - Basal metabolic rate	583	713940	1157539	106956	1.00	3.2E-01	0
Right isthmus cingulate	3	1073430	1189656	992874	1.00	3.2E-01	0
CFP - Properdin	1	1217590	1217590	1217590	1.01	3.1E-01	0
CAST - Calpastatin	1	1201003	1201003	1201003	1.01	3.1E-01	0
Phospholipids in very large HDL	10	927768	1087011	598784	1.01	3.1E-01	0
Rapid alternating stimulus test for letters/numbers	1	1213078	1213078	1213078	1.01	3.1E-01	0
MBL2 - Mannose-binding protein C	2	1068624	1236331	900917	1.01	3.1E-01	0
3rd ventricle	13	921338	1065428	398773	1.01	3.1E-01	0
Hip circumference (female, adjusted for BMI)	54	807940	1223229	189748	1.01	3.1E-01	0
AGRP - Agouti-related protein	1	1225853	1225853	1225853	1.02	3.1E-01	0
Opioids	2	1048161	1179488	916834	1.02	3.1E-01	0
IL1RAP - Interleukin-1 Receptor accessory protein	1	1231095	1231095	1231095	1.02	3.1E-01	0
Rapid automatised naming and rapid alternating stimulus test performance	1	1213078	1213078	1213078	1.02	3.1E-01	0
Illnesses of mother: Diabetes	19	889053	1137050	314279	1.02	3.1E-01	0
Insomnia (female)	8	948676	1381783	76377	1.02	3.1E-01	0
Number of sleep episodes	19	889053	973685	247575	1.02	3.1E-01	0
Calcium	13	927923	1173788	602963	1.02	3.1E-01	0

Right inferior parietal	6	973244	1042853	896782	1.02	3.1E-01	0
FCN2 - Ficolin-2	1	1217490	1217490	1217490	1.03	3.0E-01	0
Rate of decline FEF25-75 (GEE, adjusted for multiple covariates)	3	1081133	1268198	809241	1.03	3.0E-01	0
Antiglaucoma preparations and miotics	11	940400	1241610	149024	1.03	3.0E-01	0
Never eat eggs, dairy, wheat, sugar: Sugar or foods/drinks containing sugar	7	991630	1132256	486269	1.03	3.0E-01	0
Height (female)	52	807424	1156217	151947	1.03	3.0E-01	0
Frequency of walking for pleasure in last 4 weeks	5	1025960	1286093	972390	1.03	3.0E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::valine	1	1226363	1226363	1226363	1.03	3.0E-01	0
Low-density lipoprotein cholesterol (at exam 1, GEE, adjusted for age and sex)	1	1214963	1214963	1214963	1.03	3.0E-01	0
Right handed	1	1233555	1233555	1233555	1.03	3.0E-01	0
Symbol digit substitution test - Number of symbol digit matches made correctly	4	1003465	1162194	775033	1.03	3.0E-01	0
POMC - Beta-endorphin	1	1234340	1234340	1234340	1.03	3.0E-01	0
Cryptorchidism (group 2)	5	1031778	1061213	78554	1.04	3.0E-01	0
Irritability (IRR)	35	844035	1222873	187028	1.04	3.0E-01	0
Hemoglobin	11	946020	1321773	266267	1.04	3.0E-01	0
Diagnoses - secondary ICD10: I20 Angina pectoris	12	921491	1185414	543718	1.04	3.0E-01	0
Phosphatidylcholine and other cholines	4	1008179	1067793	963848	1.04	3.0E-01	0
Neck width (GEE, female, adjusted for age)	2	1063098	1081666	1044529	1.04	3.0E-01	0
Neuroblastoma	5	1027838	1050213	787600	1.04	3.0E-01	0
Monocyte chemoattractant protein 1 (at exam 7, GEE, adjusted for age and sex)	1	1242235	1242235	1242235	1.05	2.9E-01	0
Osteoarthritis of hip or knee	22	874041	1222210	167860	1.05	2.9E-01	0
Number of days/week walked 10+ minutes	10	945119	1173691	89270	1.05	2.9E-01	0
Baldness	59	803585	1165716	433620	1.05	2.9E-01	0
Total fatty acids	9	970533	1097950	889053	1.05	2.9E-01	0
Esterified cholesterol	9	970533	1048933	385130	1.06	2.9E-01	0
Monocyte chemoattractant protein 1 (at exam 7, FBAT, adjusted for multivariable)	1	1242235	1242235	1242235	1.06	2.9E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::3-methyl-2-oxobutyrate	1	1226363	1226363	1226363	1.06	2.9E-01	0
Diagnoses - main ICD10: R07 Pain in throat and chest	1	1246235	1246235	1246235	1.07	2.9E-01	0
Mean FEV1/FVC from exam 3 and 5 (GEE, adjusted for multiple covariates)	2	1078585	1172401	984769	1.07	2.9E-01	0
Current tobacco smoking	11	957335	1211318	260396	1.07	2.8E-01	0
::::X-12728	1	1244233	1244233	1244233	1.07	2.8E-01	0
OmegaL6 fatty acids	7	1001603	1073441	677831	1.07	2.8E-01	0
Anterior corona radiata radial diuivities	9	975900	1268678	466160	1.07	2.8E-01	0
::::X-09789	2	1078950	1149318	1008583	1.08	2.8E-01	0
Ratio of visceral-tosubcutaneous adipose tissue volume	3	1109360	1275428	607840	1.08	2.8E-01	0
Types of physical activity in last 4 weeks: Heavy DIY (eg: weeding, lawn mowing, carpentry, diggi	6	983833	1250692	846796	1.08	2.8E-01	0
Gastric cancer	4	1026389	1326258	716506	1.08	2.8E-01	0
CCL28 - C-C motif chemokine 28	1	1241580	1241580	1241580	1.08	2.8E-01	0
Carbohydrate::Glycolysis, gluconeogenesis, pyruvate metabolism::1,6-anhydroglucose	1	1260335	1260335	1260335	1.08	2.8E-01	0
Cutaneous T-cell attracting (CCL27)	3	1103595	1213264	564904	1.08	2.8E-01	0
Lipid::Carnitine metabolism::acetylcarnitine	1	1255280	1255280	1255280	1.08	2.8E-01	0
Hair colour (natural, before greying): Black	148	762259	1158253	99273	1.08	2.8E-01	0
Ratio of bisLallylic bonds to total fatty acids in lipids	2	1083444	1358406	808482	1.09	2.8E-01	0

Superior longitudinal fasciculus mode of anisotropy	1	1255143	1255143	1255143	1.09	2.8E-01	0
High-density lipoprotein - Birth cohorts	4	1025219	1240917	912017	1.09	2.7E-01	0
Illnesses of father: Chronic bronchitis/emphysema	4	1026484	1485056	431966	1.09	2.7E-01	0
Illnesses of father: High blood pressure	9	985248	1091518	479195	1.09	2.7E-01	0
Lipid::Carnitine metabolism::2-tetradecenoyl carnitine	1	1255280	1255280	1255280	1.09	2.7E-01	0
Amino acid::Guanidino and acetamido metabolism::4-acetamidobutanoate	2	1078410	1149521	1007299	1.10	2.7E-01	0
Doctor diagnosed hayfever or allergic rhinitis	21	896303	1174765	476268	1.10	2.7E-01	0
Right inferior temporal	2	1086555	1407824	765286	1.10	2.7E-01	0
Hematocrit	16	913133	1317203	374489	1.10	2.7E-01	0
::::X-10395	1	1267410	1267410	1267410	1.10	2.7E-01	0
Mean platelet volume (two-way meta)	147	763848	1170245	323021	1.11	2.7E-01	0
::::X-10429	1	1267410	1267410	1267410	1.11	2.7E-01	0
Lipid::Carnitine metabolism::decanoylcarnitine	3	1112685	1138233	825368	1.11	2.7E-01	0
RARRES2 - Retinoic acid receptor responder protein 2	1	1266463	1266463	1266463	1.11	2.7E-01	0
Amount of alcohol drunk on a typical drinking day	6	999435	1344179	841460	1.12	2.6E-01	0
ERAP1 - Endoplasmic reticulum aminopeptidase 1	1	1264990	1264990	1264990	1.12	2.6E-01	0
ASAH2 - Neutral ceramidase	1	1275198	1275198	1275198	1.12	2.6E-01	0
Amino acid::Cysteine, methionine, SAM, taurine metabolism::methionine	1	1270505	1270505	1270505	1.12	2.6E-01	0
C-reactive protein - Birth cohorts	2	1100296	1377998	822594	1.12	2.6E-01	0
IGFBP7 - Insulin-like growth factor-binding protein 7	1	1272163	1272163	1272163	1.12	2.6E-01	0
Total phosphoglycerides	6	1008179	1111728	950479	1.12	2.6E-01	0
Parkinson's disease age at onset	1	1275658	1275658	1275658	1.13	2.6E-01	0
Epstein Barr Virus antigen EBNA seropositivity	1	1266218	1266218	1266218	1.13	2.6E-01	0
Left cerebellum white matter	11	977470	1141903	675613	1.13	2.6E-01	0
Resistin (GEE, adjusted for age and sex)	3	1133978	1200203	861174	1.13	2.6E-01	0
High light scatter percentage of red cells (two-way meta)	103	783420	1135919	194959	1.14	2.6E-01	0
IMPDH1 - Inosine-5'-monophosphate dehydrogenase 1	3	1129118	1327356	1095680	1.14	2.6E-01	0
CD109 - CD109 antigen	1	1288055	1288055	1288055	1.14	2.6E-01	0
Nervous feelings	30	868378	1199436	373306	1.14	2.6E-01	0
Treatment/medication code: atenolol	7	1027155	1152028	631976	1.14	2.5E-01	0
Neutrophil count (two-way meta)	68	806130	1222529	97643	1.14	2.5E-01	0
Illnesses of siblings: Diabetes	7	1027155	1168869	957019	1.14	2.5E-01	0
Alanine aminotransferase	21	905515	1113980	392805	1.14	2.5E-01	0
Reticulocyte count (two-way meta)	110	778138	1085710	132467	1.14	2.5E-01	0
Neovascular disease	10	966043	1142473	580831	1.15	2.5E-01	0
Type 2 Diabetes (adjusted for BMI)	153	763233	1077243	353550	1.15	2.5E-01	0
Waist circumference (male)	23	898940	1300483	499163	1.15	2.5E-01	0
Schizophrenia	193	755908	1223613	128092	1.16	2.5E-01	0
Cigarettes per day	19	922358	1098394	322805	1.16	2.5E-01	0
Nucleotide::Purine metabolism, urate metabolism::urate	1	1294678	1294678	1294678	1.16	2.5E-01	0
Lipid::Long chain fatty acid::10-nonadecenoate (19:1n9)	1	1301655	1301655	1301655	1.17	2.4E-01	0
Antimigraine preparations	12	956521	1305876	419438	1.17	2.4E-01	0
Aspartate aminotransferase (at exam 2, GEE, adjusted for age and sex)	1	1311795	1311795	1311795	1.17	2.4E-01	0

Cereal intake	27	889053	1246224	83385	1.17	2.4E-01	0
Growth regulated oncogene (CXCL1)	2	1120801	1195424	1046178	1.17	2.4E-01	0
.....X-12704	1	1285133	1285133	1285133	1.17	2.4E-01	0
Illnesses of mother: Heart disease	2	1122575	1258228	986923	1.18	2.4E-01	0
Male-specific factors - Hair/balding pattern: Pattern 1	166	764678	1093732	345728	1.18	2.4E-01	0
DAPK2 - Death-associated protein kinase 2	1	1305810	1305810	1305810	1.19	2.4E-01	0
Lipid::Long chain fatty acid::oleate (18:1n9)	1	1301655	1301655	1301655	1.19	2.4E-01	0
Neuroticism (univariate)	72	807849	1108384	503082	1.19	2.3E-01	0
Fed-up feelings	27	889275	1346724	93923	1.19	2.3E-01	0
Paternal history of Alzheimer's disease	2	1126449	1245147	1007751	1.19	2.3E-01	0
CXCL5 - C-X-C motif chemokine 5	1	1298125	1298125	1298125	1.19	2.3E-01	0
Mean corpuscular volume (three-way meta)	162	765151	1153711	202809	1.19	2.3E-01	0
Mental distress - Ever sought or received professional help for mental distress	2	1129539	1134594	1124483	1.19	2.3E-01	0
Low-density lipoprotein - Birth cohorts	3	1152513	1276488	940048	1.19	2.3E-01	0
Excessive hairiness	3	1145635	1332681	912813	1.19	2.3E-01	0
Total lipids in IDL	13	970533	1055113	385130	1.20	2.3E-01	0
Irritability	34	869086	1230843	195670	1.20	2.3E-01	0
SPINT2 - Kunitz-type protease inhibitor 2	1	1313543	1313543	1313543	1.21	2.3E-01	0
Right fusiform	1	1317115	1317115	1317115	1.21	2.3E-01	0
HMG CoA reductase inhibitors	58	826156	1142679	194463	1.21	2.3E-01	0
Strenuous sports or other exercises	12	966571	1341801	557027	1.21	2.3E-01	0
High light scatter reticulocyte count (two-way meta)	98	791799	1131342	261510	1.21	2.2E-01	0
Left entorhinal	4	1068055	1685108	392550	1.22	2.2E-01	0
Free cholesterol in IDL	11	996508	1132234	84490	1.22	2.2E-01	0
Autism spectrum disorder	3	1164070	1190443	970190	1.22	2.2E-01	0
Coronary artery disease in diabetes	1	1335308	1335308	1335308	1.23	2.2E-01	0
C7 - Complement component C7	2	1140420	1208021	1072819	1.23	2.2E-01	0
IL6ST - Interleukin-6 receptor subunit beta	1	1329585	1329585	1329585	1.23	2.2E-01	0
Daytime dozing / sleeping (narcolepsy)	26	897286	1134078	242213	1.23	2.2E-01	0
Ever smoked regularly	100	793695	1193218	160938	1.23	2.2E-01	0
Sleep sedentary	5	1102738	1605853	759793	1.23	2.2E-01	0
Triglycerides in IDL	12	976043	1106157	705657	1.23	2.2E-01	0
Trail making test - Duration to complete alphanumeric path (trail #2)	8	1011706	1550558	847574	1.23	2.2E-01	0
Heel bone mineral density	308	741698	1114096	149482	1.23	2.2E-01	0
CST7 - Cystatin-F	1	1331835	1331835	1331835	1.24	2.2E-01	0
Cingulum (hippocampus) radial diffusivities	1	1347053	1347053	1347053	1.24	2.2E-01	0
Peptide::Dipeptide::X-14205--alpha-glutamyltyrosine	2	1143096	1212176	1074017	1.24	2.2E-01	0
Xenobiotics::Xanthine metabolism::1-methylurate	1	1346083	1346083	1346083	1.24	2.1E-01	0
Job involves heavy manual or physical work	8	1018508	1274003	561957	1.24	2.1E-01	0
Amino acid::Butanoate metabolism::2-aminobutyrate	2	1149435	1207090	1091780	1.25	2.1E-01	0
CXCL11 - C-X-C motif chemokine 11	1	1336048	1336048	1336048	1.25	2.1E-01	0
Taking other prescription medications	10	994278	1603742	489303	1.26	2.1E-01	0
Standing height	876	715844	1114119	124907	1.26	2.1E-01	0

Free cholesterol in very large HDL	10	997120	1266549	669396	1.26	2.1E-01	0
Skin fluorescence	1	1346083	1346083	1346083	1.27	2.1E-01	0
Amino acid::Urea cycle; arginine-, proline-, metabolism::proline	2	1151220	1207369	1095071	1.27	2.0E-01	0
Bread intake	16	951480	1685187	120441	1.27	2.0E-01	0
Right accumbens area	6	1055123	1240547	763986	1.27	2.0E-01	0
Non-cancer illness code, self-reported: asthma	51	848655	1136361	228042	1.27	2.0E-01	0
Male-specific factors - Hair/balding pattern: Pattern 3	40	864370	1164823	210260	1.27	2.0E-01	0
Insulin sensitivity index (adjusted for age, sex, Bmi)	1	1353228	1353228	1353228	1.28	2.0E-01	0
CXCL1 - Growth-regulated alpha protein	1	1355818	1355818	1355818	1.28	2.0E-01	0
Diagnoses - main ICD10: H26 Other cataract	6	1048938	1397449	342022	1.28	2.0E-01	0
NAGK - N-acetyl-D-glucosamine kinase	1	1346420	1346420	1346420	1.28	2.0E-01	0
Coffee type: Ground coffee (include espresso, filter etc)	17	960338	1291558	407690	1.29	2.0E-01	0
Peptide::Dipeptide::X-12244--N-acetylcarnosine	3	1191685	1234166	1125289	1.29	2.0E-01	0
Bipolar disorder	12	984339	1212962	495684	1.30	2.0E-01	0
Impedance measures - Leg fat-free mass (left)	515	728210	1145316	113642	1.30	1.9E-01	0
Plateletcrit (two-way meta)	129	786968	1097068	338498	1.30	1.9E-01	0
White matter	10	1017278	1266022	618400	1.30	1.9E-01	0
DPT - Dermatopontin	1	1368958	1368958	1368958	1.30	1.9E-01	0
Energy::Krebs cycle::citrate	4	1108011	1261512	879573	1.30	1.9E-01	0
PDK1 - [Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial	1	1372680	1372680	1372680	1.30	1.9E-01	0
::::X-12556	1	1361353	1361353	1361353	1.31	1.9E-01	0
Duration of walks	5	1121600	1341578	757313	1.31	1.9E-01	0
Superior fronto-occipital fasciculus axial diusivities	1	1381228	1381228	1381228	1.31	1.9E-01	0
Ever smoked	41	869535	1255143	96500	1.31	1.9E-01	0
NKeff:%314-R7-	1	1371008	1371008	1371008	1.32	1.9E-01	0
Neuroticism score	72	823763	1246051	393650	1.32	1.9E-01	0
Blood clot, DVT, bronchitis, emphysema, asthma, rhinitis, eczema, allergy diagnosed by doctor: A	66	830396	1120137	217690	1.32	1.9E-01	0
Leptin (adjusted for BMI)	2	1159548	1169260	1149835	1.32	1.9E-01	0
Anilides	7	1088348	1271423	553504	1.32	1.9E-01	0
Mania - Ever had period extreme irritability	1	1360448	1360448	1360448	1.33	1.8E-01	0
Sagittal stratum fractional anisotropy	6	1070869	1154893	876299	1.33	1.8E-01	0
Xenobiotics::Drug::metoprolol acid metabolite*	1	1381228	1381228	1381228	1.33	1.8E-01	0
Types of physical activity in last 4 weeks: Strenuous sports	4	1107429	1337814	688202	1.33	1.8E-01	0
Impedance measures - Trunk fat percentage	352	744063	1170616	102215	1.33	1.8E-01	0
IDUA - alpha-L-iduronidase	1	1390215	1390215	1390215	1.33	1.8E-01	0
NKearly:%335+314-	1	1371008	1371008	1371008	1.33	1.8E-01	0
TEK - Angiopoietin-1 receptor, soluble	1	1386483	1386483	1386483	1.33	1.8E-01	0
Left caudate	8	1049194	1116236	901826	1.34	1.8E-01	0
Illnesses of mother: Severe depression	1	1401083	1401083	1401083	1.34	1.8E-01	0
Sum eosinophil basophil count (three-way meta)	125	791080	1089978	159373	1.34	1.8E-01	0
Diuretics	72	827005	1110203	341408	1.35	1.8E-01	0
Non-cancer illness code, self-reported: high cholesterol	48	860018	1209234	392902	1.35	1.8E-01	0
Amino acid::Phenylalanine & tyrosine metabolism::tyrosine	3	1217793	1366889	864193	1.35	1.8E-01	0

Femoral Neck BMD (males)	1	1384985	1384985	1384985	1.35	1.8E-01	0
Average weekly red wine intake	5	1131905	1158533	831242	1.35	1.8E-01	0
Illnesses of mother: Alzheimer's disease/dementia	2	1183306	1273576	1093037	1.35	1.8E-01	0
Maternal history of Alzheimer's disease	2	1183306	1273576	1093037	1.36	1.8E-01	0
Length of mobile phone use	21	948435	1247098	119511	1.36	1.8E-01	0
Right pericalcarine	3	1220193	1407921	1160199	1.36	1.7E-01	0
Heart rate increase	15	997005	1280579	671900	1.36	1.7E-01	0
Posterior limb of internal capsule radial diuivities	8	1050655	1283801	532716	1.36	1.7E-01	0
RET - Proto-oncogene tyrosine-protein kinase receptor Ret	1	1393185	1393185	1393185	1.36	1.7E-01	0
Vasodilators used in cardiac diseases	1	1393880	1393880	1393880	1.36	1.7E-01	0
C-reactive protein	14	988990	1190721	318864	1.37	1.7E-01	0
Lean body mass (whole body)	1	1408560	1408560	1408560	1.37	1.7E-01	0
Mood swings	36	888069	1397594	231215	1.37	1.7E-01	0
Estimated BMD	194	768539	1158503	209888	1.37	1.7E-01	0
Impedance measures - Body fat percentage	389	741980	1148463	108235	1.37	1.7E-01	0
Corticospinal tract mean diuivities	2	1196910	1206223	1187598	1.37	1.7E-01	0
Fractures	16	976246	1276098	548429	1.38	1.7E-01	0
Lumbar Spine BMD (females)	20	953276	1213724	385099	1.38	1.7E-01	0
Neuroticism sum score	92	812364	1268068	187236	1.38	1.7E-01	0
Uncinate fasciculus mode of anisotropy	1	1409495	1409495	1409495	1.38	1.7E-01	0
Loneliness	12	1010251	1348374	156278	1.39	1.7E-01	0
Diastolic Blood Pressure	24	935636	1244447	407697	1.39	1.6E-01	0
Illnesses of father: Diabetes	19	975063	1239001	472826	1.39	1.6E-01	0
:::X-13671	1	1432335	1432335	1432335	1.40	1.6E-01	0
Posterior corona radiata mean diuivities	1	1423275	1423275	1423275	1.40	1.6E-01	0
Lipid::Long chain fatty acid::stearate (18:0)	2	1207385	1254520	1160250	1.40	1.6E-01	0
MMSE score (at age 65, GEE, adjusted for multivariable)	3	1238728	1355005	915233	1.40	1.6E-01	0
Treatment/medication code: amlodipine	15	1005775	1356610	769329	1.40	1.6E-01	0
Amino acid::Valine, leucine and isoleucine metabolism::2-hydroxyisobutyrate	3	1233350	1380466	1152186	1.40	1.6E-01	0
Risk taking	16	982553	1272574	294044	1.40	1.6E-01	0
Hip circumference (adjusted for BMI)	102	810285	1126301	248288	1.41	1.6E-01	0
Childhood Absence Epilepsy	2	1201125	1328860	1073390	1.41	1.6E-01	0
Weekly usage of mobile phone in last 3 months	8	1059716	1351618	1000390	1.41	1.6E-01	0
Mood swings (MOOD)	40	888069	1370185	132709	1.41	1.6E-01	0
TNFSF8 - Tumor necrosis factor ligand superfamily member 8	1	1440178	1440178	1440178	1.42	1.6E-01	0
Glucose - Birth cohorts	1	1422368	1422368	1422368	1.42	1.6E-01	0
Long-standing illness, disability or infirmity	12	1021243	1503525	508155	1.42	1.6E-01	0
ECM1 - Extracellular matrix protein 1	1	1438543	1438543	1438543	1.42	1.6E-01	0
NID1 - Nidogen-1	1	1427540	1427540	1427540	1.42	1.5E-01	0
Pericardial adipose tissue volume	2	1218301	1348081	1088522	1.42	1.5E-01	0
Non-cancer illness code, self-reported: hypertension	151	788825	1139530	161005	1.43	1.5E-01	0
Impedance measures - Leg predicted mass (left)	513	735633	1170118	114349	1.43	1.5E-01	0
Waist-hip ratio (female, adjusted for BMI)	42	884941	1215864	470843	1.43	1.5E-01	0

Amino acid::Urea cycle; arginine-, proline-, metabolism::dimethylarginine (SDMA + ADMA)	1	1443173	1443173	1443173	1.44	1.5E-01	0
Vascular/heart problems diagnosed by doctor: High blood pressure	189	776138	1124403	174418	1.44	1.5E-01	0
Lumbar Spine BMD	38	894429	1223609	403358	1.44	1.5E-01	0
Uric acid	21	963458	1223408	70411	1.44	1.5E-01	0
PR interval	7	1119863	1212410	889086	1.44	1.5E-01	0
Milk type used: Full cream	4	1148098	1407964	742005	1.44	1.5E-01	0
Loneliness, isolation	4	1141716	1363014	813379	1.45	1.5E-01	0
IL7R - Interleukin-7 receptor subunit alpha	1	1439100	1439100	1439100	1.45	1.5E-01	0
Low-density lipoprotein cholesterol	77	833758	1278630	471527	1.45	1.5E-01	0
Ease of getting up in the morning	53	866553	1234990	187736	1.45	1.5E-01	0
NK:%Eff	1	1454618	1454618	1454618	1.45	1.5E-01	0
Depressive affect subcluster	58	855294	1307893	220314	1.45	1.5E-01	0
IGF2R - Cation-independent mannose-6-phosphate receptor	1	1455465	1455465	1455465	1.47	1.4E-01	0
Right insula	5	1176590	1426355	854958	1.47	1.4E-01	0
Amyotrophic lateral sclerosis (logistic)	3	1263588	1334358	675340	1.47	1.4E-01	0
Estimated bone mineral density from heel ultrasounds	517	736918	1128618	201271	1.47	1.4E-01	0
Vitamin and mineral supplements: Vitamin D	1	1466193	1466193	1466193	1.47	1.4E-01	0
FUT3 - Galactoside 3(4)-L-fucosyltransferase	1	1464083	1464083	1464083	1.47	1.4E-01	0
Valine	3	1264745	1382799	1153795	1.48	1.4E-01	0
Diagnoses - secondary ICD10: I10 Essential (primary) hypertension	82	831810	1139037	359159	1.48	1.4E-01	0
CD163 - Scavenger receptor cysteine-rich type 1 protein M130	1	1464448	1464448	1464448	1.49	1.4E-01	0
Tense / 'highly strung' (TENSE)	20	976814	1202053	345118	1.49	1.4E-01	0
Adenocarcinoma (adjusted for age)	4	1160283	1346019	942873	1.49	1.4E-01	0
High-density lipoprotein 3 cholesterol (at exam 5, GEE, adjusted for multivariable)	1	1455263	1455263	1455263	1.49	1.4E-01	0
CD8:%39+	1	1480198	1480198	1480198	1.50	1.3E-01	0
Reticulocyte fraction of red cells (two-way meta)	108	816821	1102706	264560	1.50	1.3E-01	0
Plateletcrit (three-way meta)	163	786968	1148721	331799	1.51	1.3E-01	0
Ankylosing spondylitis	16	1009141	1215242	412496	1.51	1.3E-01	0
Alcohol consumption	1	1484388	1484388	1484388	1.51	1.3E-01	0
Neck/shoulder pain for 3+ months	1	1477533	1477533	1477533	1.51	1.3E-01	0
Mean corpuscular hemoglobin concentration	35	924508	1191553	170161	1.52	1.3E-01	0
Frequency of unenthusiasm / disinterest in last 2 weeks	4	1168816	1387924	801984	1.52	1.3E-01	0
Chronotype	168	788309	1169536	120038	1.52	1.3E-01	0
High frequency power HRV (cohort exam 18 offspring exam 3, GEE, adjusted for age and HR)	1	1491978	1491978	1491978	1.52	1.3E-01	0
Bread type: White	13	1051725	1229118	114657	1.52	1.3E-01	0
Right caudate	6	1129000	1171759	1021284	1.53	1.3E-01	0
Lipid::Inositol metabolism::myo-inositol	2	1247600	1248508	1246693	1.53	1.3E-01	0
Illnesses of siblings: High blood pressure	15	1035558	1242953	388766	1.53	1.3E-01	0
SAA1 - Serum amyloid A-1 protein	1	1485705	1485705	1485705	1.54	1.2E-01	0
CD8:%SCM	1	1489373	1489373	1489373	1.54	1.2E-01	0
Male pattern baldness (BOLT LMM infinitesimal mixed model)	326	757014	1093209	242427	1.54	1.2E-01	0
Residual from predicted FEF25-75 for latest exam (GEE, adjusted for multiple covariates)	3	1295718	1347703	950311	1.54	1.2E-01	0
IL19 - Interleukin-19	2	1248780	1609211	888349	1.55	1.2E-01	0

Lipid::Medium chain fatty acid::heptanoate (7:0)	2	1267661	1356518	1178804	1.56	1.2E-01	0
Impedance measures - Leg predicted mass (right)	525	740235	1158053	111811	1.56	1.2E-01	0
::::X-12850	2	1267595	1350481	1184709	1.56	1.2E-01	0
Breastfed as a baby	1	1504390	1504390	1504390	1.56	1.2E-01	0
CCL5 - C-C motif chemokine 5	1	1496075	1496075	1496075	1.57	1.2E-01	0
Neuroticism	152	798790	1187466	226861	1.57	1.2E-01	0
Waist-hip ratio (female <= 50 yrs, adjusted for BMI)	9	1131123	1348585	792000	1.57	1.2E-01	0
Non-cancer illness code, self-reported: eczema/dermatitis	12	1063461	1186424	731673	1.57	1.2E-01	0
::::X-12696	2	1265263	1684281	846244	1.57	1.2E-01	0
Right putamen	10	1084045	1411990	235232	1.58	1.1E-01	0
Amyotrophic lateral sclerosis (linear mixed model)	5	1224425	1263588	1174275	1.58	1.1E-01	0
Ratio of visceral-tosubcutaneous adipose tissue volume (female)	1	1505643	1505643	1505643	1.58	1.1E-01	0
Leg pain on walking	1	1525045	1525045	1525045	1.58	1.1E-01	0
Impedance measures - Arm fat-free mass (left)	553	740420	1170118	104035	1.58	1.1E-01	0
AGT - Angiotensinogen	1	1516068	1516068	1516068	1.59	1.1E-01	0
Shaft Section Modulus (GEE, female, adjsusted for multivariable)	1	1527753	1527753	1527753	1.59	1.1E-01	0
Drinks per day	28	952556	1272131	87686	1.59	1.1E-01	0
Lipid::Medium chain fatty acid::laurate (12:0)	2	1276010	1437755	1114265	1.60	1.1E-01	0
General risk tolerance	24	978341	1113830	548938	1.60	1.1E-01	0
Body Mass Index (Dominance deviation model)	1	1527753	1527753	1527753	1.60	1.1E-01	0
Myeloid white cell count (two-way meta)	82	845603	1210711	119599	1.61	1.1E-01	0
Lipid::Bile acid metabolism::deoxycholate	1	1529150	1529150	1529150	1.61	1.1E-01	0
Fluid intelligence test - Number of fluid intelligence questions attempted within time limit	9	1137883	1319015	160094	1.61	1.1E-01	0
Hip circumference (male, adjusted for BMI)	38	922968	1252582	141925	1.62	1.1E-01	0
Lipid::Carnitine metabolism::hexanoylcarnitine	4	1200301	1352965	830523	1.62	1.1E-01	0
Diagnoses - secondary ICD10: Z72 Problems related to lifestyle	1	1529998	1529998	1529998	1.62	1.1E-01	0
REL1 - Tumor necrosis factor receptor superfamily member 19L	1	1537180	1537180	1537180	1.62	1.1E-01	0
Biliary atresia	3	1330175	1602635	1157248	1.62	1.0E-01	0
TNFAIP6 - Tumor necrosis factor-inducible gene 6 protein	1	1543070	1543070	1543070	1.63	1.0E-01	0
Alcohol intake versus 10 years previously	10	1101795	1591109	794321	1.63	1.0E-01	0
Alzheimer's disease	11	1109820	1196119	576701	1.63	1.0E-01	0
Galactosylation	8	1131278	1199662	845010	1.64	1.0E-01	0
Arms-arm fat ratio (male)	34	942438	1231051	222527	1.64	1.0E-01	0
Frequency of tiredness / lethargy in last 2 weeks	21	1011308	1222053	398010	1.64	1.0E-01	0
CNTN5 - Contactin-5	1	1536328	1536328	1536328	1.64	1.0E-01	0
Adiponectin level	11	1111730	1281746	589694	1.64	1.0E-01	0
PLAU - Urokinase-type plasminogen activator	1	1547740	1547740	1547740	1.65	1.0E-01	0
Treatment/medication code: glucosamine product	1	1558458	1558458	1558458	1.65	1.0E-01	0
Generalised epilepsy	10	1098946	1325679	772659	1.65	9.9E-02	0
Transport type for commuting to job workplace: Cycle	1	1559753	1559753	1559753	1.65	9.8E-02	0
Left inferior parietal	4	1214493	1386809	799920	1.66	9.7E-02	0
Sialylation	3	1343885	1737911	1089655	1.66	9.7E-02	0
Total cholesterol in medium HDL	5	1249520	1391218	889053	1.66	9.7E-02	0

Red blood cell count (three-way meta)	132	812140	1141739	281164	1.67	9.5E-02	0
Parkinson disease of sibling pairs (tier 1)	17	1047335	1358525	557648	1.67	9.5E-02	0
Thyroid preparations	99	839208	1173291	436561	1.68	9.3E-02	0
Sum basophil neutrophil count (two-way meta)	71	865400	1231061	101524	1.68	9.2E-02	0
Lumbar Spine BMD (males)	3	1356720	1525356	936653	1.69	9.1E-02	0
Past tobacco smoking	65	876990	1208848	87778	1.69	9.1E-02	0
Time spend outdoors in summer	47	914723	1164664	103434	1.69	9.1E-02	0
Peptide::gamma-glutamyl::gamma-glutamylvaline	1	1565210	1565210	1565210	1.69	9.0E-02	0
Impedance measures - Arm predicted mass (right)	526	745993	1162627	108436	1.69	9.0E-02	0
Osteoarthritis (self reported)	1	1573255	1573255	1573255	1.70	8.8E-02	0
Fraction of accelerations	2	1315089	1408074	1222103	1.71	8.8E-02	0
Sum neutrophil eosinophil count (two-way meta)	77	865400	1216848	169561	1.71	8.7E-02	0
Calcium channel blockers	82	858356	1221251	317506	1.72	8.6E-02	0
Treatment/medication code: paracetamol	4	1243300	1426584	1081704	1.72	8.6E-02	0
Late pubertal growth	1	1588765	1588765	1588765	1.72	8.6E-02	0
CD4:%Treg(39+73-)	1	1592028	1592028	1592028	1.72	8.6E-02	0
Well-being spectrum	129	820555	1240205	126968	1.72	8.6E-02	0
Serum Urate	23	1015240	1329810	453078	1.72	8.5E-02	0
Superior fronto-occipital fasciculus radial diuivities	2	1332534	1489222	1175846	1.73	8.4E-02	0
CD4:%Treg(39+)	1	1592028	1592028	1592028	1.73	8.4E-02	0
Light smokers, at least 100 smokes in lifetime	2	1328129	1415968	1240289	1.73	8.3E-02	0
Diastolic Blood Pressure (automated reading)	194	796325	1152338	139206	1.73	8.3E-02	0
Waist-hip ratio (female > 50 yrs, adjusted for BMI)	13	1109360	1305485	743133	1.73	8.3E-02	0
CD39 on CD4 T	1	1611068	1611068	1611068	1.74	8.2E-02	0
Drugs used in diabetes	45	922743	1007783	353550	1.74	8.1E-02	0
Tanner scale	1	1613123	1613123	1613123	1.74	8.1E-02	0
Right pallidum	14	1080873	1448788	982972	1.75	8.0E-02	0
Fasting insulin main effect	3	1382225	1433306	1214708	1.75	7.9E-02	0
Major depressive disorder (ICD-coded)	1	1604963	1604963	1604963	1.76	7.9E-02	0
Impedance measures - Leg fat percentage (right)	378	761860	1166589	211315	1.76	7.8E-02	0
Triglycerides cholesterol	61	895060	1138703	417360	1.76	7.8E-02	0
Monogalactosylation	2	1335314	1733626	937002	1.77	7.8E-02	0
FVC	398	761659	1180471	212957	1.77	7.7E-02	0
Number of cigarettes previously smoked daily	2	1347998	1502146	1193849	1.77	7.6E-02	0
Triglycerides - Birth cohorts	1	1633368	1633368	1633368	1.77	7.6E-02	0
Fucosylation	2	1335314	1733626	937002	1.78	7.6E-02	0
Impedance measures - Leg fat-free mass (right)	517	750835	1173203	114014	1.78	7.6E-02	0
Rheumatoid Arthritis	66	886414	1181998	439329	1.78	7.6E-02	0
Sensitivity / hurt feelings	30	984788	1155241	102087	1.78	7.5E-02	0
White blood cell count (three-way meta)	121	832258	1216848	241180	1.78	7.4E-02	0
ALPL - Alkaline phosphatase, tissue-nonspecific isozyme	1	1633185	1633185	1633185	1.79	7.4E-02	0
Diagnoses - secondary ICD10: K44 Diaphragmatic hernia	3	1398910	1434606	1106865	1.79	7.4E-02	0
Amino acid::Tryptophan metabolism::kynurenine	2	1332175	1733535	930815	1.79	7.4E-02	0

Schizophrenia vs Bipolar disorder	75	873278	1273734	166938	1.79	7.3E-02	0
Tense / 'highly strung'	21	1039700	1240205	773518	1.79	7.3E-02	0
Impedance measures - Trunk fat-free mass	640	743453	1189853	138389	1.79	7.3E-02	0
Types of physical activity in last 4 weeks: Walking for pleasure (not as a means of transport)	3	1400850	1478315	752347	1.79	7.3E-02	0
Impedance measures - Trunk predicted mass	640	743453	1192461	145750	1.80	7.3E-02	0
LY9 - T-lymphocyte surface antigen Ly-9	1	1614420	1614420	1614420	1.80	7.2E-02	0
Impedance measures - Body Mass Index (BMI)	401	763488	1183325	244295	1.80	7.2E-02	0
Pyruvate	1	1633368	1633368	1633368	1.80	7.1E-02	0
Low-density lipoprotein particle size by NMR (at exam 4, GEE, adjusted for multivariable)	2	1353031	1661883	1044179	1.81	7.0E-02	0
Medication for pain relief, constipation, heartburn: Paracetamol	9	1193768	1440695	1061773	1.81	7.0E-02	0
Carbohydrate::Fructose, mannose, galactose, starch, and sucrose metabolism::mannose	1	1633368	1633368	1633368	1.81	7.0E-02	0
Depressive symptoms	11	1162908	1220804	457311	1.81	7.0E-02	0
Hematocrit (two-way meta)	91	859663	1147904	245206	1.82	7.0E-02	0
Impedance measures - Arm fat-free mass (right)	527	751563	1188536	110709	1.84	6.6E-02	0
Mean corpuscular hemoglobin concentration (two-way meta)	43	949068	1230773	543046	1.84	6.6E-02	0
Pubertal growth	1	1642628	1642628	1642628	1.85	6.5E-02	0
PDE5A - cGMP-specific 3',5'-cyclic phosphodiesterase	1	1653040	1653040	1653040	1.85	6.5E-02	0
Mother's age	2	1362870	1561574	1164166	1.86	6.3E-02	0
Total cholesterol / High-density lipoprotein cholesterol ratio (at exam 1, GEE, adjusted for multiva	1	1655515	1655515	1655515	1.86	6.3E-02	0
Amino acid::Valine, leucine and isoleucine metabolism::4-methyl-2-oxopentanoate	2	1364501	1433571	1295432	1.86	6.3E-02	0
IL1RL2 - Interleukin-1 receptor-like 2	1	1661675	1661675	1661675	1.86	6.2E-02	0
Type 2 Diabetes	417	763233	1115525	357085	1.87	6.1E-02	0
Amino acid::Amino fatty acid::X-12510--2-aminooctanoic acid	2	1378240	1449574	1306906	1.88	6.1E-02	0
FEV1/FVC ratio	478	757640	1155103	162547	1.88	6.0E-02	0
CD4:%Treg(73+)	1	1680665	1680665	1680665	1.88	6.0E-02	0
CD4:%Treg(39-73+)	1	1680665	1680665	1680665	1.88	6.0E-02	0
Treatment/medication code: atorvastatin	16	1097148	1162892	741303	1.88	6.0E-02	0
Time spent outdoors in winter	11	1181195	1235116	555412	1.88	5.9E-02	0
Age at first birth	8	1209933	1261298	869150	1.90	5.7E-02	0
Granulocyte count (two-way meta)	76	889219	1232085	248232	1.91	5.7E-02	0
Overall activity	2	1395661	1403164	1388158	1.92	5.5E-02	0
Left putamen	9	1231710	1265200	1042845	1.92	5.5E-02	0
Platelet count (two-way meta)	141	832258	1144778	151916	1.92	5.5E-02	0
:::X-12063	4	1313896	1412121	926203	1.93	5.4E-02	0
Proxy and clinically diagnosed Alzheimer's disease	33	998360	1277675	127536	1.93	5.4E-02	0
Hair colour (natural, before greying): Blonde	124	844196	1116346	253876	1.94	5.2E-02	0
Sensitivity / hurt feelings (HURT)	26	1034370	1155241	311621	1.95	5.2E-02	0
Monocyte chemoattractant protein 1 (at exam 7, GEE, adjusted for multivariable)	2	1401405	1480990	1321820	1.95	5.1E-02	0
Impedance measures - Arm predicted mass (left)	548	754924	1172258	129881	1.95	5.1E-02	0
EPHA1 - Ephrin type-A receptor 1	1	1697610	1697610	1697610	1.95	5.1E-02	0
Waist-hip ratio (adjusted for BMI)	60	916700	1301019	420873	1.95	5.1E-02	0
Platelet count (three-way meta)	171	821920	1174625	212250	1.95	5.1E-02	0
Frequent insomnia symptoms	40	970969	1204728	282681	1.96	4.9E-02	0

Height (male)	38	981094	1174986	303788	1.97	4.9E-02	0
Impedance measures - Whole body fat-free mass	631	751563	1188323	123781	1.97	4.9E-02	0
Sleeplessness / insomnia	28	1022165	1090000	490857	1.97	4.9E-02	0
Juvenile Myoclonic Epilepsy (JME)	1	1725310	1725310	1725310	1.98	4.8E-02	0
Amino acid::Valine, leucine and isoleucine metabolism::3-methyl-2-oxovalerate	2	1429865	1531616	1328114	1.99	4.7E-02	0
Able to confide	8	1230328	1433348	842774	1.99	4.7E-02	0
Fornix (cres) / Stria terminalis radial diuivities	2	1420088	1560780	1279395	2.00	4.6E-02	0
Amyotrophic lateral sclerosis (LMM)	4	1334358	1863639	969464	2.00	4.6E-02	0
Coronary artery disease and triglyceride (bivariate)	125	850163	1055668	388948	2.00	4.6E-02	0
Genu of corpus callosum fractional anisotropy	5	1377788	1381305	577610	2.00	4.5E-02	0
Neuroticism (MA GWAMA)	138	840680	1297067	433145	2.00	4.5E-02	0
Left pallidum	12	1174571	1424523	1031357	2.00	4.5E-02	0
Impedance measures - Impedance of whole body	495	762915	1174960	133896	2.01	4.5E-02	0
Mean platelet volume (three-way meta)	156	829454	1151882	276298	2.01	4.4E-02	0
Cerebellar vermal lobules VIII X	25	1063038	1375498	596680	2.02	4.4E-02	0
Platelet count	75	897073	1147104	415343	2.02	4.3E-02	0
Extreme Height	49	955428	1164553	345608	2.02	4.3E-02	0
Left inferior temporal	2	1438299	1493834	1382763	2.03	4.2E-02	0
Age at menarche	254	798183	1153408	326588	2.04	4.1E-02	0
Superior fronto-occipital fasciculus mean diuivities	3	1499188	1602503	1468346	2.05	4.1E-02	0
Age first had sexual intercourse	90	884554	1258953	444909	2.05	4.0E-02	0
Impedance measures - Whole body fat mass	416	772084	1141230	141360	2.05	4.0E-02	0
Epilepsy	4	1357533	1549868	1062998	2.06	3.9E-02	0
FGF2 - Fibroblast growth factor 2	1	1783258	1783258	1783258	2.06	3.9E-02	0
Sum eosinophil basophil count (two-way meta)	104	874868	1138026	238267	2.07	3.9E-02	0
Large low-density lipoprotein by NMR (at exam 4, GEE, adjusted for age and sex)	1	1766975	1766975	1766975	2.07	3.8E-02	0
Right middle temporal	1	1772910	1772910	1772910	2.08	3.8E-02	0
Impedance measures - Weight	534	762673	1167138	139750	2.08	3.8E-02	0
Total body BMD (45-60 years old)	16	1143158	1458020	525667	2.09	3.7E-02	0
Carbohydrate::Aminosugars metabolism::erythronate*	3	1516068	1629749	1335585	2.09	3.6E-02	0
Phospholipids in medium HDL	4	1363576	1384329	1155333	2.11	3.5E-02	0
Medication for cholesterol, blood pressure, diabetes, or take exogenous hormones: Blood pressu	76	912393	1185896	201241	2.12	3.4E-02	0
Hemoglobin concentration (two-way meta)	85	896078	1134575	465000	2.12	3.4E-02	0
Weight	549	763615	1183063	164584	2.14	3.2E-02	0
Free cholesterol in medium HDL	4	1386433	1415448	1183306	2.16	3.1E-02	0
Red cell distribution width (three-way meta)	119	870308	1173549	307930	2.17	3.0E-02	0
Job involves mainly walking or standing	10	1245224	1470354	973370	2.18	2.9E-02	0
Amino acid::Histidine metabolism::histidine	1	1843255	1843255	1843255	2.19	2.8E-02	0
Mean corpuscular hemoglobin concentration (three-way meta)	61	949068	1246753	557063	2.19	2.8E-02	0
Fed-up feelings (FED_UP)	28	1072941	1317129	510283	2.21	2.7E-02	0
Type 1 Diabetes	78	916961	1193800	379350	2.21	2.7E-02	0
Impedance measures - Arm fat percentage (right)	357	788650	1198243	156515	2.21	2.7E-02	0
Impedance measures - Arm fat mass (right)	317	795785	1190990	319590	2.22	2.6E-02	0

Poultry intake	12	1226236	1249541	393457	2.23	2.6E-02	0
Pain type(s) experienced in last month: Headache	31	1061773	1216263	200157	2.25	2.4E-02	0
Large low-density lipoprotein by NMR (at exam 4, GEE, adjusted for multivariable)	2	1511128	1639051	1383204	2.26	2.4E-02	0
White blood cell count (two-way meta)	104	889219	1272826	322686	2.26	2.4E-02	0
Impedance measures - Impedance of arm (left)	426	783736	1189558	155748	2.28	2.3E-02	0
Family history of Alzheimer's disease	6	1365889	1602587	1348568	2.28	2.3E-02	0
Diagnoses - main ICD10: M23 Internal derangement of knee	1	1884003	1884003	1884003	2.29	2.2E-02	0
Impedance measures - Impedance of arm (right)	420	784519	1167779	151590	2.30	2.1E-02	0
Waist-hip ratio (female)	293	806353	1157218	379398	2.31	2.1E-02	0
Impedance measures - Arm fat percentage (left)	364	793465	1177763	240071	2.32	2.1E-02	0
Impedance measures - Arm fat mass (left)	300	803375	1180508	374714	2.32	2.1E-02	0
Estimated glomerular filtration rate	459	779760	1148385	262656	2.32	2.1E-02	0
Birth weight of first child (female)	40	1026731	1303378	134069	2.34	1.9E-02	0
Eczema	10	1296890	1401259	492823	2.35	1.9E-02	0
Waist-hip ratio (male)	133	873133	1210258	318705	2.35	1.9E-02	0
IL16 - Interleukin-16	1	1904160	1904160	1904160	2.35	1.9E-02	0
Smoking status: Never	65	963830	1307260	123532	2.37	1.8E-02	0
Lactate	2	1566465	1599916	1533014	2.38	1.7E-02	0
Waist-hip ratio (adjusted for BMI, female)	317	806353	1140565	265245	2.42	1.5E-02	0
Red cell distribution width (two-way meta)	105	906293	1212675	276643	2.43	1.5E-02	0
IL1B - Interleukin-1 beta	1	1969643	1969643	1969643	2.43	1.5E-02	0
BMP10 - Bone morphogenetic protein 10	1	1969643	1969643	1969643	2.44	1.5E-02	0
Waist circumference (female, adjusted for BMI)	36	1069156	1223924	760473	2.44	1.5E-02	0
Alanine	4	1476583	1625281	1015272	2.45	1.4E-02	0
COLEC11 - Collectin-11	1	1969643	1969643	1969643	2.46	1.4E-02	0
Impedance measures - Leg fat mass (left)	343	805280	1170864	156766	2.46	1.4E-02	0
Fasting insulin main effect (adjusted for BMI)	9	1391218	1518550	936215	2.47	1.4E-02	0
Depressive symptoms (MA GWAMA)	118	894703	1299175	446739	2.47	1.3E-02	0
Hair (Straight/curly)	1	1981195	1981195	1981195	2.48	1.3E-02	0
Birth weight	162	868386	1151339	307451	2.48	1.3E-02	0
Waist circumference	372	801440	1191453	297668	2.48	1.3E-02	0
NACA - Nascent polypeptide-associated complex subunit alpha	1	1969643	1969643	1969643	2.48	1.3E-02	0
Low-density lipoprotein particle size by NMR (at exam 4, GEE, adjusted for age and sex)	1	1970735	1970735	1970735	2.49	1.3E-02	0
Femoral Neck BMD (females)	10	1349605	1404806	992534	2.53	1.1E-02	0
Intelligence	197	852238	1183653	97955	2.56	1.0E-02	0
Why stopped smoking: Health precaution	2	1648120	2260548	1035693	2.60	9.3E-03	0
Ever smoker	161	873400	1234615	159386	2.60	9.2E-03	0
PRSS2 - Trypsin-2	1	2039865	2039865	2039865	2.62	8.7E-03	0
Impedance measures - Whole body water mass	635	778098	1193205	134399	2.66	7.8E-03	0
Hemoglobin concentration (three-way meta)	95	941758	1314673	365079	2.66	7.8E-03	0
Impedance measures - Leg fat percentage (left)	389	805280	1193700	183401	2.66	7.8E-03	0
Hematocrit (three-way meta)	83	963458	1265828	339836	2.67	7.5E-03	0
Excessive sweating	2	1686329	1737813	1634844	2.71	6.8E-03	0

Monosialylation	1	2131938	2131938	2131938	2.76	5.8E-03	0
Getting up in morning	52	1038246	1241453	185757	2.77	5.6E-03	0
Impedance measures - Leg fat mass (right)	341	823015	1190990	232272	2.81	4.9E-03	0
Sleep duration	104	946296	1238599	343410	2.86	4.3E-03	0
Red blood cell count (two-way meta)	121	925328	1219650	489015	2.86	4.3E-03	0
Hip circumference	436	810475	1208070	195594	2.88	4.0E-03	0
High blood pressure	235	858543	1126979	237043	2.89	3.8E-03	0
Salt added to food	72	1011131	1252551	476143	2.91	3.7E-03	0
Body Mass Index (female)	453	813918	1172715	364585	3.04	2.4E-03	0
FEV1	406	826861	1198660	317436	3.15	1.6E-03	0
Waist-hip ratio (adjusted for BMI, male)	128	954580	1197550	273060	3.24	1.2E-03	0
Waist-hip ratio	465	825688	1157315	344535	3.31	9.2E-04	0
Waist circumference (adjusted for BMI)	89	1036333	1250248	550950	3.49	4.9E-04	0
Age at last live birth (female)	1	2660000	2660000	2660000	3.74	1.8E-04	0
Body Mass Index	1671	794265	1180003	210393	4.96	6.9E-07	1
Height	1693	811305	1161105	308065	5.75	9.1E-09	1