

Polygenic Risk Score Report

Complete PRS Analysis — All Scored Traits & Percentiles

Report ID: HGX-07F9AA-5F5

Generated: 04 June 2026

Classification: CONFIDENTIAL — Personal Genetic Data

SPECIMEN INFORMATION

Report ID:	HGX-07F9AA-5F5	Analysis Date:	2026-06-04
Sample Type:	Saliva / Buccal Swab (Microarray)	Platform:	Illumina GSA / OmniExpress
Methodology:	Imputation via Beagle 5.5 + 1000 Genomes Phase 3		

This report is provided for informational and research purposes only. It does not constitute a medical diagnosis, nor should it be used as a substitute for professional medical advice. Genetic risk scores reflect statistical associations observed in population studies and do not determine individual clinical outcomes. Consult a qualified healthcare professional before making any clinical decisions based on these results.







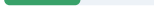
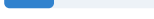
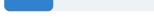
Total scores: 345 | Categories: 28 | Method: plink2 + OpenSNP reference

52
Higher-risk direction




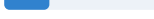
229
Average risk direction

64
Lower-risk / favorable



behavioral (9)

TRAIT	PCTL	Z	MATCHED	PGS ID
time spend outdoors in summer	 89.1%	1.23	5005	PGS001052
increased alcohol consumption versus 10 years	 78.8%	0.80	179	PGS001085
tea intake	 75.0%	0.67	2752	PGS000994
coffee consumption	 73.0%	0.61	8716	PGS001124
tobacco use disorder	 58.5%	0.21	13838	PGS001830
alcohol drinker status	 47.6%	-0.06	1065	PGS001901
never eat sugar	 31.1%	-0.49	2477	PGS000991
alcohol intake frequency	 30.6%	-0.51	7537	PGS001087
aspirin use self reported	 5.2%	-1.62	660	PGS001113

biomarker (25)

TRAIT	PCTL	Z	MATCHED	PGS ID
cholesterol	 99.5%	2.55	16576	PGS001895
apolipoprotein b	 92.9%	1.47	16952	PGS001889
total protein	 91.3%	1.36	69557	PGS002001
lipoprotein a	 87.4%	1.14	31355	PGS002181
phosphate mmol l	 71.0%	0.55	11369	PGS000692
calcium	 63.3%	0.34	48395	PGS001893
estradiol 212 pmol l	 57.9%	0.20	291	PGS001182
igf 1	 57.9%	0.20	87149	PGS001960
vitamin b12 deficiency induced anemia	 57.9%	0.20	95	PGS001305
testosterone	 56.2%	0.15	18179	PGS001914
testosterone nmol l	 55.0%	0.12	7511	PGS000696
high cholesterol	 48.8%	-0.03	5282	PGS000936
potassium in urine	 46.2%	-0.10	21512	PGS001974
vitamin d	 41.9%	-0.20	35123	PGS001982
triglyceride levels	 38.4%	-0.30	105	PGS003401
disorders of iron metabolism	 34.8%	-0.39	6713	PGS002031
hyperthyroidism thyrotoxicosis	 28.2%	-0.58	53	PGS001043
apolipoprotein a	 26.6%	-0.62	74596	PGS001888
hypothyroidism myxoedema	 25.6%	-0.66	4096	PGS000965
sex hormone binding globulin	 25.6%	-0.66	51427	PGS001977
sodium in urine mmol l	 22.5%	-0.76	5258	PGS000695
hypothyroidism	 22.1%	-0.77	11130	PGS001816
microalbumin in urine	 12.8%	-1.13	948	PGS001967
albumin	 12.5%	-1.15	60423	PGS001886
haematocrit percentage	 1.7%	-2.13	67571	PGS001925

cancer (15)

TRAIT	PCTL	Z	MATCHED	PGS ID
number of self reported cancers	 97.2%	1.92	439	PGS001005
skin melanoma	 85.9%	1.07	56	PGS003745

lymphocytic leukemia		84.8%	1.03	74	PGS000077
lung cancer		79.2%	0.81	253	PGS001392
melanoma		77.0%	0.74	65	PGS003430
endometrial cancer		66.6%	0.43	68	PGS002737
male genital tract cancer		63.6%	0.35	203	PGS001111
non melanoma skin cancer		47.5%	-0.06	1387	PGS001040
benign neoplasm of uterus		47.1%	-0.07	1308	PGS001813
number of non cancer illnesses		43.0%	-0.18	4677	PGS001004
benign neoplasm of other parts of digestive s		38.8%	-0.28	801	PGS001812
breast cancer		36.7%	-0.08	251	PGS000214
benign neoplasm of colon		27.1%	-0.61	2231	PGS001811
non cancer illness year age first occurred		22.8%	-0.74	222	PGS001514
basal cell carcinoma		8.8%	-1.35	460	PGS003416

cardiovascular (30)

TRAIT


	PCTL	Z	MATCHED	PGS ID	
qrs duration		96.9%	1.87	1967	PGS001948
mean carotid imtat 120 150 210 240 degrees		92.7%	1.46	11600	PGS001966
high blood pressure age at diagnosis		89.3%	1.24	313	PGS000935
coronary artery disease		88.9%	1.22	197	PGS000058
coronary atherosclerosis		88.7%	1.21	25425	PGS001839
family history of high blood pressure		77.5%	0.76	12623	PGS001324
congestive heart failure nonhypertensive		75.7%	0.70	2759	PGS001842
angina pectoris		72.7%	0.60	2208	PGS001261
pulse rate automated reading		71.3%	0.56	62254	PGS001975
left ventricular mass index		70.7%	0.55	462	PGS003427
ascending thoracic aortic diameter		69.7%	0.52	78	PGS002267
diastolic blood pressure automated reading		67.7%	0.46	66335	PGS001900
circulatory disease nec		66.8%	0.43	594	PGS001847
stroke		64.6%	0.38	5765	PGS004124
essential		56.7%	0.17	10251	PGS000957
nstemi		51.3%	0.03	539	PGS001048
hdl cholesterol		44.4%	-0.14	530	PGS000660
previously blood clot in the leg or lung		44.0%	-0.15	449	PGS001278
volume of ventricular cerebrospinal fluid		43.9%	-0.15	738	PGS001070
pulmonary embolism		41.1%	-0.22	288	PGS003861
qt interval		37.1%	-0.33	2300	PGS001905
blood clot or deep vein thrombosis		33.7%	-0.42	429	PGS000931
atrial flutter		29.2%	-0.55	1808	PGS001263
incident atrial fibrillation		28.8%	-0.56	260	PGS002773
deep vein thrombosis		28.5%	-0.57	1531	PGS001266
atrial fibrillation and flutter		27.1%	-0.61	3980	PGS001841
lv ejection fraction		13.1%	-1.12	204	PGS001412
myocardial infarction		11.2%	-1.22	1562	PGS001316
chronic ischaemic heart disease		10.8%	-1.23	1867	PGS000962
systolic blood pressure automated reading		9.7%	-1.30	68449	PGS002009

cognitive (1)

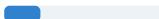
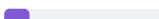
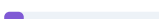

TRAIT

	PCTL	Z	MATCHED	PGS ID	
qualifications		24.3%	-0.70	50413	PGS002012





dental (1)

TRAIT	PCTL	Z	MATCHED	PGS ID
dentures	 51.1%	0.03	5448	PGS000995










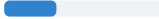

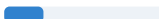

dermatological (4)

TRAIT	PCTL	Z	MATCHED	PGS ID
mouth ulcers	 22.6%	-0.75	1439	PGS000947
seborrheic keratosis	 15.8%	-1.00	1162	PGS001140
use of sun uv protection	 12.2%	-1.16	17282	PGS001993
sebaceous cyst	 4.5%	-1.70	563	PGS001874










endocrine (4)

TRAIT	PCTL	Z	MATCHED	PGS ID
nontoxic multinodular goiter	 69.7%	0.52	322	PGS001814
rhesus isoimmunization in pregnancy	 60.4%	0.26	32414	PGS002080
other non toxic goitre	 54.2%	0.10	147	PGS000928
thyrotoxicosis with or without goiter	 17.2%	-0.95	280	PGS001815

eye (16)

TRAIT	PCTL	Z	MATCHED	PGS ID
corneal dystrophy	 97.0%	1.89	59944	PGS002042
macular degenerationof retina nos	 96.2%	1.77	157	PGS001834
retinal detachments and breaks	 85.0%	1.03	185	PGS000990
diabetic eye disease	 81.0%	0.88	87	PGS001028
spherical power	 69.3%	0.51	6679	PGS001100
logmar in round	 63.5%	0.34	223	PGS001985
retinal disorders in diseases classified else	 60.9%	0.28	138	PGS001276
glaucoma	 59.7%	0.24	7052	PGS001836
retinal detachments and defects	 59.3%	0.23	3737	PGS001833
corneal hysteresis	 32.6%	-0.45	2212	PGS001381
primary open angle glaucoma	 31.0%	-0.49	110	PGS002741
corneal resistance factor	 24.5%	-0.69	3495	PGS001383
3mm weak meridian	 22.9%	-0.74	7825	PGS001362
intraocular pressure	 20.7%	-0.82	136	PGS000879
myopia diagnosis	 12.2%	-1.16	30217	PGS001994
cataract	 9.1%	-1.33	11617	PGS001837

gastrointestinal (17)

TRAIT	PCTL	Z	MATCHED	PGS ID
cholecystitis	 99.7%	2.80	317	PGS000942
gallstones	 99.6%	2.69	760	PGS001256
cholelithiasis	 98.0%	2.06	850	PGS001174
cholelithiasis and cholecystitis	 89.8%	1.27	2059	PGS001861
diaphragmatic hernia	 74.9%	0.67	1623	PGS001050
hiatus hernia	 56.2%	0.16	2218	PGS000939
other biliary tract disease	 54.3%	0.11	151	PGS001862
diverticular disease of intestine	 49.1%	-0.02	5136	PGS000997
duodenal ulcer	 46.7%	-0.08	165	PGS001390

diverticular disease diverticulitis		32.7%	-0.45	306	PGS000996
anal and rectal polyp		28.9%	-0.56	789	PGS001859
duodenitis		25.7%	-0.65	191	PGS001852
diverticulosis		23.3%	-0.73	23800	PGS001857
abdominal pain		18.3%	-0.91	2796	PGS001884
intestinal malabsorption		13.9%	-1.08	368	PGS000940
average number of times bowels opened per day		11.4%	-1.21	695	PGS001376
inguinal hernia		5.2%	-1.62	7326	PGS001854

immune (37)

TRAIT

	PCTL	Z	MATCHED	PGS ID	
basophil percentage		96.9%	1.87	3305	PGS003945
neutrophil percentage		91.1%	1.35	16213	PGS003943
ulcerative colitis		74.4%	0.65	1505	PGS001855
mosaic loss of chromosome y		72.7%	0.60	102	PGS003575
mean reticulocyte volume		68.1%	0.47	24536	PGS002003
basophil count		65.6%	0.40	142	PGS000163
c reactive protein mg l		59.1%	0.23	15979	PGS000675
inflammatory bowel disease		58.5%	0.21	22597	PGS004013
red blood cellcount		54.0%	0.10	26103	PGS003925
rheumatoid arthritis		49.6%	-0.01	26860	PGS004010
mean plateletvolume		40.8%	-0.23	29645	PGS003934
psoriasis		40.4%	-0.24	495	PGS001313
lymphocyte percentage		38.0%	-0.30	19923	PGS003941
eczema dermatitis		37.4%	-0.32	506	PGS000944
crohn s disease		36.5%	-0.34	199	PGS001331
high light scatter reticulocyte percentage		34.5%	-0.40	11143	PGS003951
platelet distribution width		34.4%	-0.40	46157	PGS001972
monocyte count		33.7%	-0.42	46673	PGS001968
platelet count		32.4%	-0.46	31600	PGS003932
systemic lupus erythematosus		30.5%	-0.51	94	PGS000771
red blood celldistribution width		28.6%	-0.56	32431	PGS001908
polymyalgia rheumatica		27.0%	-0.61	142	PGS001878
mc vp1 antigen for merkel cell polyomavirus		26.6%	-0.62	110	PGS001082
atopic eczema or atopic disease		24.5%	-0.69	167	PGS003459
monocyte percentage		24.3%	-0.70	41887	PGS001991
lupus		23.5%	-0.72	87	PGS001870
zebra antigen for epstein barr virus		23.1%	-0.74	116	PGS001772
mean corpuscular volume		19.4%	-0.86	47916	PGS001990
celiac disease		17.0%	-0.96	1661	PGS001856
functional digestive disorders		13.7%	-1.09	764	PGS001858
atopic eczema		9.9%	-1.28	70	PGS003486
white blood cellcount		9.5%	-1.31	17107	PGS003924
mean corpuscular hemoglobin		8.0%	-1.41	44174	PGS001989
eosinophil percentage		6.4%	-1.52	16459	PGS003944
other dermatitis		6.4%	-1.52	203	PGS000927
fluid intelligence score		0.7%	-2.45	26145	PGS001919
haemoglobin concentration		0.2%	-2.95	14159	PGS001400

lifestyle (14)

TRAIT

	PCTL	Z	MATCHED	PGS ID	
time spent watching televisionor using comput		95.4%	1.69	50583	PGS001923
friendship satisfaction		80.9%	0.87	564	PGS001398
risk taking behaviour		79.7%	0.83	3814	PGS001049
cereal consumption		57.8%	0.20	4353	PGS001057

sensitive stomach		55.2%	0.13	3970	PGS002004
getting up in morning		53.5%	0.09	7028	PGS001001
attending social leisure activities		40.3%	-0.25	10293	PGS001019
bread intake		24.2%	-0.70	3018	PGS000978
water intake		24.0%	-0.71	43709	PGS002011
nap during day		23.1%	-0.74	9265	PGS001000
average total household income before tax		18.8%	-0.88	41836	PGS001931
oily fish consumption		13.3%	-1.11	3474	PGS000993
sensitivity hurt feelings		13.3%	-1.11	7100	PGS001016
snoring		3.4%	-1.82	33917	PGS002006

liver (11)

TRAIT

TRAIT	PCTL	Z	MATCHED	PGS ID	
alanine aminotransferase		92.7%	1.45	51849	PGS001940
falls in the last year		89.9%	1.27	9917	PGS001916
gamma glutamyl transferase		82.8%	0.95	193	PGS000817
aspartate aminotransferase u l		73.9%	0.64	11690	PGS000673
other chronic nonalcoholic liver disease		56.4%	0.16	497	PGS001860
alkaline phosphatase		43.6%	-0.16	274	PGS000815
ast to alt ratio		16.2%	-0.98	14252	PGS000674
freq of tiredness lethargy in last 2 weeks		13.4%	-1.11	5023	PGS001080
frequency of unenthusiasm disinterest in last		12.0%	-1.18	2098	PGS001396
degree bothered by feeling tired all the time		11.3%	-1.21	1331	PGS001384
total bilirubin		9.6%	-1.30	33190	PGS001942

longevity (6)

TRAIT

TRAIT	PCTL	Z	MATCHED	PGS ID	
facial aging looking about your age		74.9%	0.67	6079	PGS001071
longevity		74.7%	0.67	322	PGS000906
facial ageing		61.1%	0.28	6909	PGS001141
health satisfaction		48.8%	-0.03	1584	PGS001401
father s age at death		41.2%	-0.22	322	PGS001393
number of medications taken		6.9%	-1.48	7313	PGS001003

metabolic (30)

TRAIT

TRAIT	PCTL	Z	MATCHED	PGS ID	
disorders of lipid metabolism		97.9%	2.03	22313	PGS001821
birth weight		86.6%	1.11	35060	PGS001892
overweight obesity and other hyperalimentatio		86.5%	1.10	13009	PGS001825
predicted visceral adipose tissue		82.1%	0.92	500	PGS000844
arm fat percentage		79.4%	0.82	31279	PGS003915
early life body size		75.0%	0.67	283	PGS000716
type 1 diabetes		72.7%	0.60	45838	PGS004147
weight		70.5%	0.54	37019	PGS003898
insulin secretion rate		68.8%	0.49	305	PGS000835
arm fat mass		59.7%	0.25	28676	PGS003916
insulin sensitivity index		52.6%	0.06	207	PGS000837
diabetes		42.1%	-0.20	3549	PGS001327
glycated haemoglobin		41.1%	-0.23	46566	PGS001953
whole body fat free mass		38.4%	-0.29	40919	PGS003901
insulin resistance		38.3%	-0.30	52	PGS000877
weight change compared with 1 year ago		37.5%	-0.32	2345	PGS001006
body mass index		36.1%	-0.35	360	PGS000830

diabetic retinopathy		34.5%	-0.40	249	PGS001819
whole body water mass		34.4%	-0.40	41248	PGS003902
two hour glucose during ogtt		34.0%	-0.41	208	PGS000839
type 2 diabetes		33.1%	-0.44	79	PGS000125
basal metabolic rate		31.9%	-0.47	44802	PGS003903
waist circumference		30.6%	-0.51	142	PGS000828
obesity		24.5%	-0.69	902	PGS003959
non insulin dependent diabetes		23.5%	-0.72	3060	PGS001294
glucose		21.3%	-0.79	14811	PGS001952
impedance of arm		19.4%	-0.86	34653	PGS003908
fasting proinsulin		14.8%	-1.05	211	PGS000840
hypoglycemia		8.4%	-1.38	187	PGS001820
incident type 2 diabetes		6.2%	-1.54	45553	PGS002779

musculoskeletal (17)

TRAIT

	PCTL	Z	MATCHED	PGS ID
fibroblastic disorders		1.91	195	PGS001031
osteoporosis		1.62	365	PGS001883
heel bone mineral density score automated		0.87	13054	PGS001037
heel quantitative ultrasound index direct ent		0.80	13056	PGS000952
coxarthrosis arthrosis of hip		0.71	539	PGS000967
superficial cellulitis and abscess		0.57	131	PGS001869
osteoarthritis		0.35	497	PGS001290
hand grip strength		0.31	73846	PGS001927
gonarthrosis arthrosis of knee		0.30	3977	PGS001192
contracture of palmar fascia dupuytren s dise		0.15	2443	PGS001880
arthritis		-0.07	881	PGS001135
ankylosing spondylitis		-0.37	22026	PGS002089
enthesitis related juvenile idiopathic arthri		-0.42	133	PGS000324
hallux valgus		-0.63	4527	PGS001881
ganglion and cyst of synovium tendon and burs		-0.78	210	PGS001879
radius fracture		-1.02	296	PGS001258
other arthropathies		-1.10	17363	PGS001877

neuroimaging (4)

TRAIT

	PCTL	Z	MATCHED	PGS ID
volume of brain stem 4th ventricle		-0.02	1005	PGS001539
volume of caudate		-0.07	1651	PGS001543
volume of accumbens		-0.25	533	PGS001537
mean fa in retrolenticular part of internal c		-0.43	1025	PGS001434

neurological (15)

TRAIT

	PCTL	Z	MATCHED	PGS ID
median t2star in putamen		1.76	2164	PGS001512
migraine		1.25	274	PGS001282
volume of white matter		1.09	852	PGS001641
volume of brain grey white matter		1.00	1768	PGS001541
total volume of white matter hyperintensities		0.99	298	PGS001534
volume of grey matter in superior frontal gyr		0.78	899	PGS001597
volume of putamen		0.65	1752	PGS001636
multiple sclerosis		0.24	491	PGS001831
volume of thalamus		0.21	1132	PGS001637
other peripheral nerve disorders		0.12	8393	PGS001832

volume of grey matter in intracalcarine corte		53.6%	0.09	1941	PGS001142
volume of hippocampus		25.0%	-0.67	371	PGS001630
alzheimers disease		20.7%	-0.82	39752	PGS002035
volume of pallidum		19.1%	-0.88	1200	PGS001631
headaches for 3 months		12.5%	-1.15	5709	PGS001928

other (12)

TRAIT

	PCTL		Z	MATCHED	PGS ID
post traumatic stress disorder		79.6%	0.83	53605	PGS005393
zoster herpes zoster		76.2%	0.71	63	PGS001131
other disorders of pancreatic internal secret		69.5%	0.51	50	PGS001014
other intervertebral disk disorders		69.3%	0.50	91	PGS000932
time from waking to first cigarette		68.0%	0.47	67	PGS001532
amyloid beta 42		66.4%	0.42	57	PGS003762
internal derangement of knee		64.5%	0.37	90	PGS001027
polycythemia vera		55.0%	0.13	67	PGS001810
blood clot		52.9%	0.07	89	PGS000930
other diseases of intestine		23.0%	-0.74	64	PGS001516
other systemic involvement of connective tiss		22.3%	-0.76	57	PGS000960
sarcoidosis		14.1%	-1.08	79	PGS001872

pharmacogenomics (4)

TRAIT








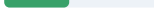
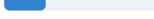
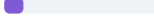
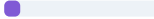
	PCTL		Z	MATCHED	PGS ID
ibuprofen use		80.9%	0.88	140	PGS001116
paracetamol use self reported		77.5%	0.75	4200	PGS001115
glucosamine intake		73.1%	0.61	266	PGS001044
taking other prescription medications		52.0%	0.05	1622	PGS001118

psychiatric (22)




TRAIT

	PCTL		Z	MATCHED	PGS ID
autism spectrum disorder		95.1%	1.66	600	PGS000327
sleep duration		94.9%	1.64	40037	PGS001978
attention deficit hyperactivity disorder		86.1%	1.08	35354	PGS003753
daytime dozing sleeping		79.2%	0.81	27143	PGS001995
chronotype		75.8%	0.70	294	PGS000336
past tobacco smoking		50.2%	0.01	5515	PGS001046
ever smoked		49.7%	-0.01	41266	PGS001911
suffer from nerves		46.3%	-0.09	2946	PGS001017
ever taken cannabis		44.8%	-0.13	9341	PGS001910
smoking initiation		43.4%	-0.17	340	PGS003747
alcohol use disorder		33.8%	-0.42	858	PGS002739
addiction risk factors		32.6%	-0.45	11616	PGS005215
general happiness		32.3%	-0.46	10628	PGS001936
sleeplessness insomnia		30.9%	-0.50	37712	PGS001932
age stopped smoking		29.8%	-0.53	539	PGS001374
feelings of worry or anxiety		28.8%	-0.56	8807	PGS001021
major depression		22.3%	-0.76	22156	PGS000141
neuroticism score		21.1%	-0.80	54715	PGS001996
loneliness		10.1%	-1.27	538	PGS001091
ever depressed for a whole week		9.2%	-1.33	5777	PGS001898
lifetime major depressive disorder		8.2%	-1.39	21438	PGS000139
recent feelings of foreboding		4.4%	-1.71	2894	PGS001920







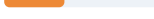
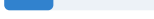
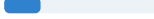
renal (11)

TRAIT	PCTL	Z	MATCHED	PGS ID
chronic kidney disease	 94.7%	1.61	8508	PGS004128
creatinine	 79.2%	0.81	76800	PGS001945
urine albumin to creatinine ratio	 75.6%	0.69	91	PGS000861
urea mmol l	 71.0%	0.55	11303	PGS000701
serum urate	 66.6%	0.43	113	PGS000126
calculus of kidney and ureter	 49.4%	-0.01	252	PGS001250
gout	 40.6%	-0.24	19071	PGS004006
creatinine in urine	 25.9%	-0.65	37529	PGS001944
urea	 12.0%	-1.17	56782	PGS001980
estimated glomerular filtration rate	 10.0%	-1.28	40042	PGS000884
cystatin c mg l	 8.1%	-1.40	22521	PGS000680



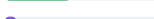
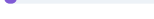
reproductive (3)

TRAIT	PCTL	Z	MATCHED	PGS ID
endometriosis	 91.8%	1.39	399	PGS001866
age at first live birth	 60.7%	0.27	15201	PGS001912
age first had sexual intercourse	 1.0%	-2.34	64164	PGS001938








respiratory (9)

TRAIT	PCTL	Z	MATCHED	PGS ID
vasomotor and allergic rhinitis	 86.8%	1.12	1655	PGS001109
asthma	 78.1%	0.77	5798	PGS001343
unspecified acute lower respiratory infection	 74.9%	0.67	322	PGS000925
hayfever allergic rhinitis	 64.7%	0.38	293	PGS001259
allergic disease	 55.2%	0.13	128	PGS000810
forced expiratory volume in 1 second best mea	 37.6%	-0.32	79136	PGS001918
nasal polyps	 30.7%	-0.51	1783	PGS001848
chronic airway obstruction	 22.7%	-0.75	7347	PGS001850
lung function	 9.8%	-1.29	19086	PGS001237

sensory (4)

TRAIT	PCTL	Z	MATCHED	PGS ID
hearing difficulty problems	 43.8%	-0.16	19960	PGS001891
tinnitus severity	 42.0%	-0.20	282	PGS001533
hearing difficulty	 7.9%	-1.41	2697	PGS001253
hearing difficulty and deafness	 7.7%	-1.42	3274	PGS001252

traits (19)

TRAIT	PCTL	Z	MATCHED	PGS ID
childhood sunburn	 97.6%	1.97	437	PGS001257
p duration	 95.9%	1.74	640	PGS001902
pq interval	 95.0%	1.64	826	PGS001904
ease of skin tanning	 91.7%	1.38	16197	PGS001937
skin changes due to chronic exposure to nonio	 91.6%	1.38	128	PGS000950
left arm mass	 78.4%	0.78	28034	PGS001234
sitting height	 71.6%	0.57	42707	PGS003896

ankle spacing width		69.1%	0.50	19886	PGS001241
rr interval		66.4%	0.42	1964	PGS001907
usual walking pace		61.4%	0.29	6779	PGS001075
position of the pulse wave peak		58.5%	0.22	1186	PGS001520
pef pred ratio		55.0%	0.12	13837	PGS001010
hip circumference		39.9%	-0.26	31471	PGS003894
hair balding pattern		37.0%	-0.33	23692	PGS001987
follicular cysts of skin and subcutaneous tis		31.0%	-0.50	209	PGS000963
height		30.0%	-0.53	33624	PGS000758
skin color		27.0%	-0.61	15817	PGS001897
diseases of hair and hair follicles		22.3%	-0.76	461	PGS001873
hair colour dark brown		17.4%	-0.94	5085	PGS001095

urological (2)

TRAIT

	PCTL		Z	MATCHED	PGS ID
urinary calculus		19.4%	-0.86	5599	PGS001864
hematuria		0.1%	-2.97	794	PGS001863

vascular (3)

TRAIT

	PCTL		Z	MATCHED	PGS ID
phlebitis and thrombophlebitis		25.8%	-0.65	954	PGS000961
varicose veins		9.3%	-1.32	15748	PGS001845
hemorrhoid		5.1%	-1.64	656	PGS001024

Scoring Method

Polygenic risk scores were calculated using plink2 --score with effect allele weights from the PGS Catalog. Genotypes were imputed to ~30 million variants using Beagle 5.4 with 1000 Genomes Phase 3 reference panel. Scoring was restricted to HapMap3 variants (~1.2M SNPs) to ensure comparability with the reference distribution.

Reference Population

Percentiles were computed against a reference panel of ~4,257 OpenSNP genomes (European ancestry), scored with the same weight files and variant set. Empirical percentile = rank position in the sorted reference score distribution.

Disclaimer

This report is for informational and educational purposes only. It is not a medical diagnosis. Polygenic risk scores represent statistical associations and do not account for lifestyle, environment, or family history. Consult a healthcare professional before making medical decisions based on genetic data.

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