

Supplemental Tables

Table S1. Statistics of the PRS distribution of the three selected polygenic reports.

Report	Version	# of Loci	Min	Median	Mean	Max	IQR	IDR *
AD	First 100 Users	53	-0.98	0.01	0	0.96	1.07	1.77
AD	First 300 Users	53	-2.11	-0.01	0	2.23	1.18	2.67
AD	First 1000 Users	53	-2.61	0.00	0	4.41	1.37	3.06
AD	First 3000 Users	53	-2.59	-0.01	0	4.43	1.25	2.95
AD	First 10000 Users	53	-3.24	-0.02	0	3.21	1.22	2.86
AD	2015-01	53	-3.13	-0.01	0	3.20	1.22	2.84
AD	2017-09	66	-3.71	-0.01	0	4.14	1.36	3.29
AD	2018-02	68	-3.88	-0.01	0	5.03	1.46	3.49
AD	2019-03	80	-5.63	-0.02	0	6.59	1.62	3.98
AD	2019-10	84	-5.56	-0.03	0	6.62	1.65	4.10
SP	First 100 Users	18	-1.75	-0.02	0	1.79	1.09	3.05
SP	First 300 Users	18	-4.71	-0.10	0	4.65	2.05	4.27
SP	First 1000 Users	18	-5.60	0.04	0	4.37	1.92	4.76
SP	First 3000 Users	18	-5.63	0.06	0	5.30	1.97	4.73
SP	First 10000 Users	18	-5.88	0.08	0	5.30	1.95	4.74
SP	2015-01	18	-6.26	0.06	0	5.39	1.96	4.75
SP	2017-10	138	-5.24	-0.01	0	6.23	2.03	4.82
SP	2019-10	300	-8.07	0.03	0	7.82	2.79	6.88
T2D	First 100 Users	18	-1.11	0.09	0	0.93	0.67	1.77
T2D	First 300 Users	18	-1.41	-0.05	0	2.06	1.17	2.46
T2D	First 1000 Users	18	-1.71	0.04	0	2.02	1.05	2.46
T2D	First 3000 Users	18	-1.73	0.02	0	2.27	1.01	2.35
T2D	First 10000 Users	18	-1.74	0.01	0	2.86	1.01	2.30
T2D	2015-01	18	-1.92	0.01	0	2.86	0.95	2.27
T2D	2017-09	36	-3.13	0.00	0	3.06	1.12	2.74
T2D	2018-04	138	-4.58	-0.01	0	4.32	1.47	3.60
T2D	2018-08	170	-4.87	0.00	0	4.63	1.55	3.79
T2D	2019-10	213	-5.72	0.00	0	5.88	1.83	4.48

* IDR: Interdecile range (10th to 90th percentile)

Table S2. Replication result for the loci in the AD report.

Result	Loci
Low MAF	rs145999145, rs28834970, rs35349669, rs429358, rs63749824, rs63749885, rs63749891, rs63750048, rs63750218, rs63750526, rs63750577, rs63750590, rs63750599, rs63750815, rs63750886, rs63750900, rs63751037, rs63751141, rs63751144, rs63751223, rs63751229, rs63751235, rs63751320, rs6656401, rs7274581, rs75932628, rs908832, rs983392, rs1992269, rs6675281, rs76904798, rs802571, rs138190086, rs4844610, rs143332484
Replicated	rs10792832, rs11771145, rs7412, rs9271192, rs11234495, rs3851179, rs592297, rs676733, rs10808026, rs12881735, rs9271058, rs4575098
Not Replicated	rs10498633, rs10838725, rs10948363, rs11218343, rs11218350, rs1699103, rs17125944, rs1784931, rs1792113, rs190982, rs2718058, rs28936379, rs4147929, rs5848, rs5882, rs63751163, rs6733839, rs7101429, rs726601, rs892086, rs9331896, rs11613092, rs1476679, rs670139, rs744373, rs9331942, rs72713460, rs928771, rs10933431, rs17125924, rs3740688, rs3752246, rs593742, rs7920721, rs7933202, rs442495, rs59735493, rs6448453

Table S3. Top SNPs associated with male pattern baldness.

SNP	P-value In All Subjects					P-value In All Subjects					Reference
	All Levels	Hair Loss (2 x 3)	Hair Loss (2 x 2)	Baldness (2 x 3)	Baldness (2 x 2)	All Levels	Hair Loss (2 x 3)	Hair Loss (2 x 2)	Baldness (2 x 3)	Baldness (2 x 2)	
rs1160312	0.02	0.0014	0.035	0.17	0.047	0.025	0.00089	0.051	0.66	0.24	[1]
rs10843026	0.013	0.031	0.056	0.63	0.50	0.0016	0.0068	0.051	0.64	0.43	[2]
rs1998076	0.079	0.017	0.0025	0.086	0.020	0.12	0.017	0.0023	0.17	0.038	[3]
rs929626	0.19	0.13	0.028	0.05	0.017	0.17	0.23	0.10	0.027	0.015	[3]
rs2073963	0.59	0.60	0.23	0.11	0.065	0.36	0.23	0.048	0.093	0.041	[4]
rs9380830	0.57	0.57	0.27	0.28	0.013	0.57	0.63	0.32	0.37	0.043	[2]
rs2249817	0.45	0.21	0.14	0.97	0.44	0.67	0.24	0.14	0.89	0.38	[5]
rs12565727	0.51	0.70	0.23	0.14	0.43	0.32	0.37	0.14	0.096	0.25	[4]
rs2497911	MAF < 5%										[2]
rs2497938	MAF < 5%										[4]
rs77096234	MAF < 5%										[6]
rs12558842	MAF < 5%										[6]
rs74321310	MAF < 5%										[2]
rs1385699	MAF < 5%										[7]
rs6952233	MAF < 5%										[2]

rs118013985	MAF < 5%	[6]
rs2223841	MAF < 5%	[1]
rs6945541	MAF < 5%	[4]
rs73212868	MAF < 5%	[6]
rs12373124	MAF < 5%	[4]

Supplemental References

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