

Supplementary Table 2. Heritability estimates of personality traits and psychiatric disorders

	H ²	SE	95% CI	No. of SNPs	N	Reference
Personality traits						
23andMe						
Agreeableness	0.085	0.009	0.068, 0.102	1,143,408	59,176	
Conscientiousness	0.096	0.009	0.079, 0.113	1,143,408	59,176	
Extraversion	0.181	0.010	0.161, 0.201	1,143,408	59,225	see Online Methods
Neuroticism	0.119	0.016	0.087, 0.150	1,143,409	59,206	
Openness to experience	0.107	0.009	0.090, 0.125	1,143,405	59,206	
GPC						
Agreeableness	0.015	0.029	0, 0.071	887,670	17,375	de Moor <i>et al.</i> , <i>Mol Psych</i> , 2012 ⁷
Conscientiousness	0.079	0.033	0.014, 0.144	887,659	17,375	de Moor <i>et al.</i> , <i>Mol Psych</i> , 2012 ⁷
Extraversion	0.049	0.008	0.034, 0.065	1,137,261	63,661	van den Berget <i>al.</i> , <i>Behav Genet</i> , 2016 ⁸
Neuroticism	0.036	0.008	0.021, 0.052	1,137,356	63,661	GPC, <i>JAMA Psych</i> , 2015 ⁹
Openness to experience	0.121	0.029	0.065, 0.177	887,662	17,375	de Moor <i>et al.</i> , <i>Mol Psych</i> , 2012 ⁷
Psychiatric disorders						
Schizophrenia	0.588	0.045	0.500, 0.676	840,441	17,115	PGC Cross-Disorder Group, <i>Lancet</i> , 2013 ¹⁰
Bipolar disorder	0.456	0.043	0.371, 0.540	803,528	16,731	PGC Bipolar Group, <i>Nat Genet</i> , 2011 ¹¹
Major depressive disorder	0.160	0.030	0.102, 0.219	891,164	18,759	PGC MDD Group, <i>Mol Psych</i> , 2013 ¹²
Attention-deficit/ hyperactivity disorder (ADHD)	0.236	0.099	0.041, 0.431	803,051	5,422	PGC Cross-Disorder Group, <i>Lancet</i> , 2013 ¹⁰
Autism spectrum disorder	0.461	0.053	0.357, 0.566	935,985	10,263	PGC Cross-Disorder Group, <i>Lancet</i> , 2013 ¹⁰
Anorexia nervosa	0.542	0.028	0.488, 0.596	1,047,144	17,767	Boraska <i>et al.</i> , <i>Mol Psych</i> , 2014 ¹³

H²: heritability estimated by LD Score regression.

SE: standard error of heritability.

N: sample size.

95% CI: 95% confidence interval of heritability.

No. of SNPs: total number of SNPs included in LD score regression.