

S1 Table. GREML estimates of SNP heritability and genetic correlation across studies.

Phenotype	N				Univariate estimates SNP heritability ¹				Bivariate estimates genetic correlation ^{1,2}			
	RS	STR	HRS	Total	RS	STR	HRS	Average ³	RS-STR	RS-HRS	STR-HRS	Average ⁴
Height	6,780	5,342	8,336	20,458	48.9%	50.8%	37.9%	44.9%	0.976	0.954	0.967	0.965
BMI	6,775	5,341	8,333	20,449	28.9%	16.4%	19.6%	21.9%	1.000	0.914	0.847	0.917
<i>EduYears</i>	6,735	5,543	8,341	20,619	17.5%	20.6%	17.3%	18.2%	0.690	0.659	1.000	0.783
<i>CurrCigt</i>	6,803	5,579	8,304	20,686	17.8%	18.7%	20.4%	19.1%	1.000	0.611	1.000	0.858
<i>CurrDrinkFreq</i>	6,172	5,564	8,336	20,072	13.5%	14.1%	5.3%	10.3%	1.000	0.298	-0.056	0.381
Self-rated health	5,264	5,577	8,343	19,184	13.5%	9.4%	21.3%	15.7%	0.626	0.363	0.447	0.468

¹ Standard errors between parentheses.

² Significance of deviations from one only tested for genetic correlations.

³ Sample-size weighted averages of univariate estimates across studies.

⁴ Sample-size weighted averages of bivariate estimates across pairs of studies.

* > 0 at 10% sign.
 † < 1 at 10% sign.
 ** > 0 at 5% sign.
 †† < 1 at 5% sign.
 *** > 0 at 1% sign.
 ††† < 1 at 1% sign.