

# Supporting Information

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**Table S1. Hazard ratios (HRs) for maternal and paternal longevity predicted by noneducation polygenic profile scores in UK Biobank**

Parent	Offspring polygenic profile score	GWAS source	HR	SE	P value
Mother	Height	Wood et al. (39)	1.004	0.004	0.287
	BMI	Locke et al. (40)	<b>1.020</b>	<b>0.004</b>	<b><math>9.23 \times 10^{-11}</math></b>
	Cardiovascular disease	Schunkert et al. (41)	<b>1.017</b>	<b>0.004</b>	<b><math>5.13 \times 10^{-06}</math></b>
	MDD	Ripke et al.; MDD Working Group of the Psychiatric Genomics Consortium (42)	1.001	0.004	0.717
Father	Smoking	Tobacco and Genetics Consortium (43)	1.010	0.004	0.072
	Height	Wood et al. (39)	0.999	0.004	0.726
	BMI	Locke et al. (40)	<b>1.020</b>	<b>0.003</b>	<b><math>5.84 \times 10^{-06}</math></b>
	Cardiovascular Disease	Schunkert et al. (41)	<b>1.024</b>	<b>0.003</b>	<b><math>1.52 \times 10^{-12}</math></b>
	MDD	Ripke et al.; MDD Working Group of the Psychiatric Genomics Consortium (42)	0.998	0.003	0.547
	Smoking	Tobacco and Genetics Consortium (43)	<b>1.020</b>	<b>0.004</b>	<b><math>1.08 \times 10^{-08}</math></b>

HRs are per 1 SD increase in the relevant polygenic profile score. Rows with statistically significant values are highlighted in bold. Models included the same covariates as in the main analysis of educational attainment polygenic profile score.