*Supplementary Table S1.* Hazard ratios for maternal and paternal longevity predicted by non-education polygenic profile scores in UK Biobank. Hazard ratios are per 1-SD increase in the relevant polygenic profile score.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Parent | Offspring polygenic profile score | Reference GWAS | Hazard ratio | SE | *p*-value |
| Mother | Height | Wood et al., 2014 (57) | 1.004 | .004 | .287 |
| Body Mass Index | Locke et al., 2015 (58) | **1.020** | **.004** | **9.23×10−11** |
| Cardiovascular Disease | Schunkert et al. 2011 (59) | **1.017** | **.004** | **5.13×10−06** |
| Major Depressive Disorder | MDD Working Group of the Psychiatric Genomics Consortium, 2013 (60) | 1.001 | .004 | .717 |
| Smoking | Tobacco & Genetics Consortium, 2010 (61) | 1.010 | .004 | .072 |
| Father | Height | Wood et al., 2014 (57) | 0.999 | .004 | .726 |
| Body Mass Index | Locke et al., 2015 (58) | **1.020** | **.003** | **5.84×10−06** |
| Cardiovascular Disease | Schunkert et al. 2011 (59) | **1.024** | **.003** | **1.52×10−12** |
| Major Depressive Disorder | MDD Working Group of the Psychiatric Genomics Consortium, 2013 (60) | 0.998 | .003 | .547 |
|  | Smoking | Tobacco & Genetics Consortium, 2010 (61) | **1.020** | **.004** | **1.08×10−08** |

Note: 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.