Table S4. Genetic and residual covariance estimates for the ARIC population among unrelated individuals.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | BMI | WHR | GLU | INS | TG | HDL | SBP |  |
|  |  | 0.14 (0.05) | 0.13 (0.04) | 0.002 (0.04) | 0.06 (0.04) | 0.03 (0.04) | -0.02 (0.04) | 0.03 (0.04) | BMI |
| BMI | 0.86 (0.05) |  | 0.13 (0.05) | 0.01 (0.04) | 0.04 (0.04) | 0.05 (0.04) | -0.01 (0.04) | 0.03 (0.04) | WHR |
| WHR | 0.38 (0.04) | 0.87 (0.05) |  | 0.10 (0.05) | 0.005 (0.04) | 0.01 (0.04) | -0.02 (0.04) | 0.02 (0.04) | GLU |
| GLU | 0.24 (0.04) | 0.16 (0.04) | 0.90 (0.05) |  | 0.09 (0.05) | 0.03 (0.04) | -0.02 (0.04) | 0.03 (0.04) | INS |
| INS | 0.45 (0.04) | 0.36 (0.04) | 0.35 (0.04) | 0.91 (0.05) |  | 0.16 (0.05) | -0.08 (0.04) | 0.0005 (0.04) | TG |
| TG | 0.27 (0.04) | 0.28 (0.04) | 0.18 (0.04) | 0.38 (0.04) | 0.84 (0.05) |  | 0.12 (0.05) | -0.005 (0.04) | HDL |
| HDL | -0.30 (0.04) | -0.29 (0.04) | -0.14 (0.04) | -0.35 (0.04) | -0.44 (0.04) | 0.88 (0.05) |  | 0.24 (0.06) | SBP |
| SBP | 0.20 (0.04) | 0.15 (0.04) | 0.14 (0.04) | 0.18 (0.04) | 0.17 (0.04) | -0.04 (0.04) | 0.76 (0.05) |  |  |
|  | BMI | WHR | GLU | INS | TG | HDL | SBP |  |  |

Mean and standard error of genetic (upper triangle) and residual (lower triangle) covariance estimates from the bivariate linear mixed-effects model.