**Table S4. Genotype by age-interaction analyses of adult anthropometric traits. Data from the regression analysis of rs7759938 is shown in upper panel and rs314279 in lower panel.**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **rs7759938** | | | |  | **ALL** |  | | **MALES** |  | **FEMALES** | |  |
| **RESPONSE VARIABLE** | **N(M,F)** | | | | **BETA (SE)** | | **P** | **BETA (SE)** | **P** | **BETA (SE)** | **P** | |
| Height | 26379 (12258, 14121) | | | | 0.000 (0.001) | | 0.84 | 0.002 (0.001) | 0.04 | -0.002 (0.001) | 0.09 | |
| Weight | 26377 (12257, 14120) | | | | 0.001 (0.001) | | 0.28 | 0.001 (0.001) | 0.57 | 0.001 (0.001) | 0.34 | |
| BMI | 26375 (12256, 14119) | | | | 0.001 (0.001) | | 0.42 | -0.001 (0.001) | 0.61 | 0.001 (0.001) | 0.12 | |
| Waist | 26314 (12291, 14023) | | | | 0.001 (0.001) | | 0.32 | 0.000 (0.001) | 0.63 | 0.001 (0.001) | 0.37 | |
| Hip | 26313 (12289, 14024) | | | | 0.000 (0.001) | | 0.98 | -0.001 (0.001) | 0.52 | 0.001 (0.001) | 0.53 | |
| WHR | 26307 (12286, 14021) | | | | 0.001 (0.001) | | 0.09 | 0.001 (0.001) | 0.17 | 0.001 (0.001) | 0.31 | |
|  | |  | | |  | |  |  |  |  |  | |
| **rs314279** | | |  | | **ALL** | |  | **MALES** |  | **FEMALES** |  | |
| **RESPONSE**  **VARIABLE** | **N(M,F)** | | | | **BETA (SE)** | | **P** | **BETA (SE)** | **P** | **BETA (SE)** | **P** | |
| Height | 26288 (12213, 14075) | | | | -0.000 (0.001) | | 0.68 | 0.002 (0.001) | 0.27 | -0.002 (0.001) | 0.11 | |
| Weight | 26286 (12212, 14074) | | | | -0.000 (0.001) | | 0.82 | -0.001 (0.001) | 0.57 | 0.000 (0.001) | 0.83 | |
| BMI | 26284 (12211, 14073) | | | | -0.000 (0.001) | | 0.79 | -0.002 (0.001) | 0.20 | 0.001 (0.001) | 0.42 | |
| Waist | 26224 (12246, 13978) | | | | -0.001 (0.001) | | 0.45 | -0.002 (0.001) | 0.23 | 0.000 (0.001) | 0.91 | |
| Hip | 26223 (12244, 13979) | | | | -0.000 (0.001) | | 0.44 | -0.002 (0.001) | 0.20 | 0.000 (0.001) | 0.90 | |
| WHR | 26217 (12241, 13976) | | | | -0.000 (0.001) | | 0.66 | -0.001 (0.001) | 0.51 | 0.000 (0.001) | 0.97 | |

The effect allele for both rs7759938 and rs314279 is C. Age interaction was assessed by a linear regression model including a single marker and age. BMI = body mass index, WHR = waist to hip ratio.