**Supplementary Table 5** Correlation of overweight/obesity with BP, PP and MAP

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | SBP | DBP | PP | MAP |
| Overall | *r*, *P* value | *r*, *P* value | *r*, *P* value | *r*, *P* value |
| BMI | 0.54, <0.0001 | 0.38, <0.0001 | 0.33, <0.0001 | 0.48, <0.0001 |
| FAT% | 0.40, <0.0001 | 0.35, <0.0001 | 0.16, <0.0001 | 0.40, <0.0001 |
| Visceral fat area | 0.51, <0.0001 | 0.36, <0.0001 | 0.30, <0.0001 | 0.45, <0.0001 |
| Boys |  |  |  |  |
| BMI | 0.53, <0.0001 | 0.41, <0.0001 | 0.26, <0.0001 | 0.50, <0.0001 |
| FAT% | 0.53\*, <0.0001 | 0.43, <0.0001 | 0.23, <0.0001 | 0.51\*, <0.0001 |
| Visceral fat area | 0.53, <0.0001 | 0.44, <0.0001 | 0.23, <0.0001 | 0.51, <0.0001 |
| Girls |  |  |  |  |
| BMI | 0.47\*, <0.0001 | 0.28\*, <0.0001 | 0.36\*, <0.0001 | 0.38\*, <0.0001 |
| FAT% | 0.45\*, <0.0001 | 0.33\*, <0.0001 | 0.28\*, <0.0001 | 0.41\*, <0.0001 |
| Visceral fat area | 0.48, <0.0001 | 0.32, <0.0001 | 0.32, <0.0001 | 0.42, <0.0001 |

\*Pearson correlation coefficient.

FAT%, body fat percentage.