

Supplementary Table 1. Association of z-score for percentage of appendicular skeletal muscle mass with metabolic syndrome or insulin resistance

Variable	Total	Boys	Girls
No.	1,174	613	561
Obesity			
No. (%)	112 (9.5)	67 (10.9)	45 (8.0)
Adjusted OR (95% CI)	0.22 (0.17–0.30)	0.13 (0.08–0.20)	0.32 (0.22–0.48)
Abdominal obesity			
No. (%)	176 (15.0)	89 (14.5)	87 (15.5)
Adjusted OR (95% CI)	0.27 (0.20–0.36)	0.14 (0.10–0.21)	0.41 (0.28–0.58)
High blood pressure			
No. (%)	89 (7.6)	48 (7.8)	41 (7.3)
Adjusted OR (95% CI)	0.65 (0.52–0.80)	0.64 (0.48–0.86)	0.61 (0.45–0.84)
Elevated FPG			
No. (%)	5 (0.4)	3 (0.5)	2 (0.3)
Adjusted OR (95% CI)	0.56 (0.28–1.12)	0.30 (0.09–1.01)	0.69 (0.28–1.68)
Elevated triglyceride			
No. (%)	262 (22.3)	138 (22.5)	124 (22.1)
Adjusted OR (95% CI)	0.67 (0.56–0.79)	0.58 (0.46–0.74)	0.75 (0.61–0.93)
Low HDL-C			
No. (%)	199 (17.0)	128 (20.9)	71 (12.7)
Adjusted OR (95% CI)	0.67 (0.57–0.79)	0.69 (0.54–0.88)	0.64 (0.49–0.83)
Metabolic syndrome			
No. (%)	57 (4.9)	36 (5.9)	21 (3.7)
Adjusted OR (95% CI)	0.34 (0.26–0.45)	0.22 (0.15–0.34)	0.49 (0.31–0.76)
Insulin resistance			
No. (%)	185 (15.8)	91 (14.9)	94 (16.8)
Adjusted OR (95% CI)	0.50 (0.41–0.62)	0.37 (0.25–0.55)	0.63 (0.51–0.78)

The adjusted odds ratio was calculated by logistic regression analysis after adjusting for age, sex, household income (quintile), and daily energy intake.

OR, odds ratio; CI, confidence interval; FPG, fasting plasma glucose; HDL-C, high-density lipoprotein cholesterol.