

Supplement 2. Adjusted aOR and 95% CI for body image distortion and other characteristics

Variable	Body image distortion			
	Male (n=20,683)		Female (n=22,298)	
	aOR* (95% CI)	P-value	aOR† (95% CI)	P-value
School				
Middle school	1 (Ref)			
High school	0.86 (0.79–0.92)	<0.001		
Household income				
Low			1 (Ref)	
Middle			0.91 (0.83–1.01)	0.077
High			0.89 (0.80–0.99)	0.035
Self-assessed academic achievement				
Low			1 (Ref)	
Middle			0.93 (0.86–1.00)	0.082
High			0.85 (0.78–0.93)	<0.001
Perceived stress level				
Low	1 (Ref)		1 (Ref)	
High	1.11 (1.00–1.20)	0.043	1.14 (1.06–1.23)	<0.001
Experience of sadness or despair in the last 12 months				
No	1 (Ref)		1 (Ref)	
Yes	1.08 (0.98–1.20)	0.122	1.01 (0.93–1.09)	0.810
Self-rated health level				
High	1 (Ref)		1 (Ref)	
Not high	1.13 (1.03–1.23)	0.007	1.12 (1.04–1.20)	0.002
Feeling anxiety in the last 2 weeks				
No-mild anxiety	1 (Ref)		1 (Ref)	
Moderate-high anxiety	1.09 (0.94–1.26)	0.277	1.11 (1.00–1.23)	0.042
Experience of suicidal ideation in the last 12 months				
No	1 (Ref)		1 (Ref)	
Yes	1.04 (0.89–1.23)	0.609	1.07 (0.96–1.18)	0.203
Drinking in the last 30 days				
No			1 (Ref)	
Yes			1.02 (0.91–1.14)	0.770
Breakfast skipping				
No	1 (Ref)		1 (Ref)	
Yes	1.08 (1.00–1.16)	0.050	1.01 (0.94–1.08)	0.762
Education of nutrition and eating habits in the last 12 months				
No	1 (Ref)			
Yes	1.08 (1.00–1.17)	0.037		
No. of fast food intake per week (times)				
0			1 (Ref)	
1–2			0.95 (0.87–1.05)	0.314
≥3			1.02 (0.91–1.14)	0.705
Physical activity (d)				
0	1 (Ref)			
1–2	0.99 (0.88–1.11)	0.864		
≥3	0.81 (0.73–0.90)	<0.001		
Weight-control efforts				
No efforts	1 (Ref)		1 (Ref)	
Efforts to lose weight	1.49 (1.37–1.63)	<0.001	1.70 (1.57–1.83)	<0.001
Efforts to maintenance/gain weight	0.74 (0.66–0.82)	<0.001	0.93 (0.84–1.04)	0.197

Statistically significant values are marked in bold.

aOR, adjusted odd ratio; CI, confidence interval; Ref, reference.

*Adjusted for school grade, perceived stress level, depressive experience, self-rated health level, feeling anxiety in 2 weeks, experience of suicidal ideation in last 12 months, frequency of eating breakfast, education of nutrition and eating habits in last 12 months, physical activity, weight-control efforts, smartphone dependence, and smartphone usage time. †Adjusted for household income, self-assessed academic achievement, perceived stress level, depressive experience, self-related health level, feeling anxiety in 2 weeks, experience of suicidal ideation in last 12 months, drinking in last 30 days, frequency of eating breakfast, education of nutrition and eating habits in last 12 months, number for fast food intake per week, weight-control efforts, smartphone dependence, and smartphone usage time.