

Article title: Self-esteem and binge eating among adolescent boys and girls: the role of body disinvestment

Journal name: International Journal of Environmental Research and Public Health

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Supplementary Material

Table S1: Standardized path coefficients for the moderated mediation models tested

Males model				
Variables	β	Standard error	p	
Covariate: BMI				
Self-esteem	−0.093	0.034	0.007	
Body image	−0.220	0.042	0.000	
Body touch	−0.009	0.032	0.772	
Body care	−0.044	0.027	0.097	
Body protection	−0.027	0.039	0.497	
Binge eating	0.101	0.075	0.178	
Covariate: Socioeconomic status				
Self-esteem	0.030	0.058	0.609	
Body image	−0.030	0.035	0.384	
Body touch	0.004	0.039	0.910	
Body care	0.016	0.031	0.613	
Body protection	−0.031	0.016	0.053	
Binge eating	−0.064	0.055	0.243	
Outcome: Body Image				
Self-esteem	0.601	0.030	0.000	
Age	0.012	0.031	0.683	
Age x Self-esteem	0.028	0.040	0.487	
Outcome: Body Touch				
Self-esteem	0.172	0.050	0.001	
Age	0.094	0.043	0.027	
Age x Self-esteem	0.094	0.052	0.072	
Outcome: Body Care				
Self-esteem	0.245	0.043	0.000	
Age	0.171	0.041	0.000	
Age x Self-esteem	0.093	0.048	0.055	
Outcome: Body Protection				
Self-esteem	0.222	0.047	0.000	
Age	−0.111	0.046	0.016	

Age x Self-esteem	-0.011	0.054	0.836
Outcome: Binge eating			
Self-esteem	-0.034	0.051	0.501
Age	-0.020	0.039	0.617
Age x Self-esteem	-0.076	0.051	0.138
Body image	-0.264	0.061	0.000
Age x Body image	0.157	0.056	0.005
Body touch	-0.085	0.038	0.025
Age x Body touch	-0.099	0.039	0.011
Body care	-0.065	0.043	0.131
Age x Body care	-0.005	0.041	0.902
Body protection	-0.201	0.043	0.000
Age x Body protection	-0.017	0.044	0.691

Indirect Effect	β	Standard error	p	95% CI (Low- Upper)
Self-esteem → Body image → Binge eating	-0.158	0.039	0.000	-0.225; -0.096
Self-esteem → Body touch → Binge eating	-0.015	0.008	0.059	-0.031; 0.000
Self-esteem → Body care → Binge eating	-0.016	0.011	0.149	-0.036; 0.001
Self-esteem → Body protection → Binge eating	-0.044	0.014	0.001	-0.072; -0.025

Females model			
Variables	β	Standard error	p
Covariate: BMI			
Self-esteem	-0.057	0.044	0.191
Body image	-0.173	0.031	0.000
Body touch	0.048	0.043	0.257
Body care	0.014	0.040	0.729
Body protection	-0.007	0.038	0.855
Binge eating	0.089	0.037	0.016
Covariate: Socioeconomic status			
Self-esteem	-0.040	0.046	0.382
Body image	0.007	0.032	0.832
Body touch	0.032	0.045	0.473
Body care	-0.032	0.043	0.458
Body protection	-0.032	0.042	0.453
Binge eating	0.015	0.042	0.715
Outcome: Body Image			
Self-esteem	0.713	0.027	0.000
Age	-0.004	0.031	0.890
Age x Self-esteem	-0.038	0.033	0.255

Outcome: Body Touch

Self-esteem	0.127	0.054	0.019
Age	0.091	0.051	0.074
Age x Self-esteem	-0.036	0.058	0.534
Outcome: Body Care			
Self-esteem	0.194	0.046	0.000
Age	0.199	0.044	0.000
Age x Self-esteem	0.085	0.047	0.070
Outcome: Body Protection			
Self-esteem	0.361	0.043	0.000
Age	-0.032	0.046	0.487
Age x Self-esteem	-0.046	0.052	0.385
Outcome: Binge eating			
Self-esteem	-0.153	0.060	0.011
Age	0.021	0.042	0.610
Age x Self-esteem	0.026	0.054	0.626
Body image	-0.281	0.059	0.000
Age x Body image	-0.026	0.054	0.624
Body touch	-0.010	0.048	0.837
Age x Body touch	-0.011	0.041	0.791
Body care	0.067	0.046	0.151
Age x Body care	0.087	0.045	0.051
Body protection	-0.175	0.042	0.000
Age x Body protection	-0.050	0.037	0.178

Indirect Effect	β	Standard error	p	95% CI (Low-Upper)
Self-esteem → Body image → Binge eating	-0.202	0.044	0.000	-0.276; -0.130
Self-esteem → Body touch → Binge eating	-0.001	0.007	0.853	-0.014; 0.008
Self-esteem → Body care → Binge eating	0.013	0.009	0.166	0.000; 0.030
Self-esteem → Body protection → Binge eating	-0.064	0.018	0.001	-0.096; -0.037