

Supplementary

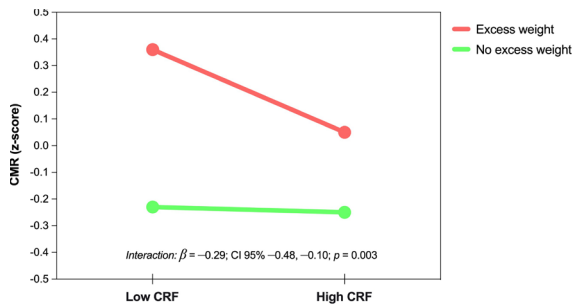


Figure S1 A visual representation of the moderation of cardiorespiratory fitness, muscular fitness and physical fitness in the relationship between body mass index groups and cardiometabolic risk among Chilean children. Adjusted by sex, age, and pubertal status. CI, confidence interval; CMR, cardiometabolic risk; PF, physical fitness (both cardiorespiratory fitness and muscular fitness).

Table S1 Differences in mean values of cardiometabolic risk score in schoolchildren across different physical fitness and body mass index groups established

Groups	CMR (z-score), M (SE)	P for trend
CRF		<0.001
Low CRF/high BMI	0.33 (0.05)	
Low CRF/low BMI	-0.23 (0.05) ^a	
High CRF/high BMI	0.17 (0.05) ^b	
High CRF/low BMI	-0.26 (0.04) ^{a,b,c}	
MF		<0.001
Low MF/high BMI	0.37 (0.04)	
Low MF/low BMI	-0.22 (0.04) ^a	
High MF/high BMI	0.02 (0.06) ^{a,b}	
High MF/low BMI	-0.27 (0.05) ^{a,c}	
PF		<0.001
Low PF/high BMI	0.36 (0.04)	
Low PF/low BMI	-0.23 (0.06) ^a	
High PF/high BMI	0.05 (0.06) ^{a,b}	
High PF/low BMI	-0.25 (0.04) ^{a,c}	

^a, significant differences from low MF/high BMI ($P < 0.05$); ^b, significant differences from low MF/low BMI ($P < 0.05$). ^c, significant differences from high MF/high BMI ($P < 0.05$). BMI, body mass index; CMR, cardiometabolic risk score; CRF, cardiorespiratory fitness; MF, muscular fitness; PF, physical fitness; M, mean; SE, standard error.