

SUPPLEMENTARY TABLES

Supplementary Table 1. Comparisons of fit statistics for each of the 3 growth curve models fitted to the VO₂Max data for ages 26, 32, 38, and 45.

Model	Model Fit	P value	TLI	CFI	RMSEA
<i>Intercept Only</i>	1911.65	<0.001	0.577	0.437	0.54
<i>Intercept and Slope</i>	41.61	<0.001	0.987	0.989	0.095
<i>Quadratic</i>	8.22	0.004	0.987	0.998	0.03

TLI = Tucker-Lewis Index; CFI = Comparative Fit Index; RMSEA = Root mean square error of approximation.

Supplementary Table 2. Sample characteristics of the Dunedin study members at age 45.

Variable	M(SD)	N	t
VO₂Max (mL/min/kg)			
<i>Men</i>	31.6(5.91)	414	23.979***
<i>Women</i>	22.04(5.42)	393	
<i>Total</i>	26.94(7.42)	807	
Rate of Decline in VO₂Max [slope]			
<i>Men</i>	3.73(.75)	414	24.02***
<i>Women</i>	2.57(.61)	393	
<i>Total</i>	3.16(.9)	807	
Total Surface Area (cm²)			
<i>Men</i>	1949.5(135.5)	414	20.55***
<i>Women</i>	1759.9(126.5)	393	
<i>Total</i>	1850(161.7)	807	
Average Cortical Thickness (mm)			
<i>Men</i>	2.57(.09)	414	3.81**
<i>Women</i>	2.55(.09)	393	
<i>Total</i>	2.56(.09)	807	

M(SD) = mean (standard deviation); N = number of participants; t = test statistic; VO₂Max = volume of maximum oxygen uptake; mL/min/kg = milliliters per minute per kilogram; cm² = centimeters squared; mm = millimeters.