Appendix Table 1. Mean heights, weights, and body compositions at ages 8 and 12 across short-to-short statured, short-to-normal statured, and control groups

Age (years)	8			12		
	Control	SN	SS	Control	SN	SS
Boys						
Height, cm, mean (SE)	130.91 (4.47)	119.67 (1.62)	118.82 (2.12)	156.72 (6.51)	145.73 (3.58)	138.25 (2.08)
Weight, kg, mean (SE)	30.15 (5.60)	23.20 (2.57)	23.15 (3.49)	51.78 (11.08)	42.37 (8.45)	36.32 (6.09)
BFM, kg, mean (SE)	6.52 (3.77)	4.13 (1.97)	4.26 (3.00)	12.62 (7.32)	10.21 (6.52)	9.28 (5.68)
SMM, kg, mean (SE)	12.08 (1.51)	9.38 (0.77)	9.32 (0.91)	21.22 (3.73)	17.10 (2.05)	14.07 (1.33)
BMI, kg/m^2, mean (SE)	17.52 (2.60)	16.19 (1.74)	16.38 (2.30)	20.98 (3.75)	19.91 (3.85)	18.99 (3.31)
BFMI, kg/m^2, mean (SE)	3.76 (2.07)	2.89 (1.39)	3.01 (2.08)	5.13 (2.92)	4.82 (3.09)	4.87 (3.07)
SMMI, kg/m^2, mean (SE)	7.03 (0.57)	6.54 (0.47)	6.58 (0.53)	8.58 (0.99)	8.03 (0.74)	7.36 (0.63)
Girls						
Height, cm, mean (SE)	129.61 (4.53)	118.72 (1.55)	117.51 (1.96)	155.30 (5.01)	146.13 (2.68)	138.96 (2.79)
Weight, kg, mean (SE)	28.31 (4.63)	22.54 (2.47)	21.58 (1.94)	47.33 (8.32)	40.68 (5.73)	34.18 (5.54)
BFM, kg, mean (SE)	6.35 (3.03)	4.77 (2.13)	4.00 (1.52)	12.51 (5.35)	10.73 (4.32)	8.04 (4.02)
SMM, kg, mean (SE)	11.05 (1.36)	8.59 (0.61)	8.44 (0.79)	18.54 (2.42)	15.69 (1.51)	13.46 (1.59)
BMI, kg/m^2, mean (SE)	16.80 (2.18)	16.00 (1.71)	15.61 (1.44)	19.58 (3.04)	19.04 (2.67)	17.70 (2.76)
BFMI, kg/m^2, mean (SE)	3.75 (1.70)	3.38 (1.50)	2.91 (1.16)	5.17 (2.16)	5.03 (2.03)	4.17 (2.09)
SMMI, kg/m^2, mean (SE)	6.55 (0.52)	6.10 (0.40)	6.10 (0.48)	7.67 (0.76)	7.34 (0.64)	6.96 (0.71)

SN: short-to-normal statured group; SS: short-to-short statured group; BFM: body fat mass; SMM: skeletal muscle mass; BMI: body mass index; BFMI: body fat mass index, SMMI: skeletal muscle mass index; SE: standard error

Appendix Table 2. Differences in mean heights, weights, and body compositions at ages 8 and 12 short-to-short statured, short-to-normal statured, and control groups

Age (years)	8			12		
	Control-SN	Control-SS	SN-SS	Control-SN	Control-SS	SN-SS
Boys						
Height, cm, mean (CI)	**11.24 (11.15-11.32)**	**12.08 (11.94-12.23)**	**0.85 (0.69-1.01)**	**10.99 (10.81-11.17)**	**18.47 (18.32-18.62)**	**7.48 (7.26-7.70)**
Weight, kg, mean (CI)	**6.95 (6.82-7.08)**	**7.00 (6.76-7.24)**	0.05^N (-0.21-0.32)	**9.41 (9.00-9.83)**	**15.46 (15.04-15.88)**	**6.05 (5.47-6.62)**
BFM, kg, mean (CI)	**2.38 (2.29-2.48)**	**2.26 (2.06-2.47)**	-0.12^N (-0.35-0.10)	**2.42 (2.10-2.73)**	**3.34 (2.96-3.73)**	**0.93 (0.44-1.42)**
SMM, kg, mean (CI)	**2.70 (2.66-2.74)**	**2.76 (2.70-2.82)**	0.06^N (-0.01-0.13)	**4.11 (4.01-4.22)**	**7.14 (7.05-7.24)**	**3.03 (2.90-3.16)**
BMI, kg/m^2, mean (CI)	**1.33 (1.24-1.41)**	**1.14 (0.98-1.30)**	**-0.19 (-0.36--0.01)**	**1.06 (0.88-1.25)**	**1.98 (1.76-2.21)**	**0.92 (0.63-1.21)**
BFMI, kg/m^2, mean (CI)	**0.87 (0.80-0.94)**	**0.75 (0.61-0.89)**	-0.12^N (-0.28-0.03)	**0.31 (0.16-0.45)**	**0.26 (0.05-0.47)**	-0.05^N (-0.30-0.21)
SMMI, kg/m^2, mean (CI)	**0.48 (0.46-0.50)**	**0.45 (0.41-0.49)**	-0.03^N (-0.07-0.01)	**0.55 (0.51-0.58)**	**1.22 (1.18-1.26)**	**0.67 (0.62-0.73)**
Girls						
Height, cm, mean (CI)	**10.90 (10.81-10.99)**	**12.11 (11.96-12.25)**	**1.21 (1.05-1.37)**	**9.16 (9.02-9.31)**	**16.34 (16.14-16.54)**	**7.17 (6.93-7.41)**
Weight, kg, mean (CI)	**5.77 (5.64-5.90)**	**6.73 (6.59-6.87)**	**0.96 (0.78-1.15)**	**6.65 (6.35-6.95)**	**13.15 (12.75-13.54)**	**6.50 (6.01-6.99)**
BFM, kg, mean (CI)	**1.58 (1.47-1.69)**	**2.35 (2.24-2.46)**	**0.77 (0.62-0.92)**	**1.77 (1.55-2.00)**	**4.47 (4.18-4.75)**	**2.69 (2.34-3.05)**
SMM, kg, mean (CI)	**2.46 (2.43-2.49)**	**2.61 (2.55-2.67)**	**0.15 (0.09-0.21)**	**2.85 (2.77-2.93)**	**5.08 (4.97-5.20)**	**2.24 (2.10-2.37)**
BMI, kg/m^2, mean (CI)	**0.80 (0.71-0.89)**	**1.19 (1.09-1.29)**	**0.39 (0.26-0.53)**	**0.53 (0.40-0.67)**	**1.88 (1.68-2.07)**	**1.34 (1.11-1.58)**
BFMI, kg/m^2, mean (CI)	**0.37 (0.30-0.45)**	**0.84 (0.76-0.93)**	**0.47 (0.36-0.58)**	**0.14 (0.03-0.24)**	**1.00 (0.86-1.15)**	**0.87 (0.69-1.05)**
SMMI, kg/m^2, mean (CI)	**0.46 (0.43-0.48)**	**0.46 (0.42-0.49)**	0.00^N (-0.04-0.04)	**0.33 (0.30-0.36)**	**0.71 (0.66-0.76)**	**0.38 (0.32-0.44)**

^{N}Statistically insignificant
SN: short-to-normal statured group; SS: short-to-short statured group; BFM: body fat mass; SMM: skeletal muscle mass; BMI: body mass index; BFMI: body fat mass index, SMMI: skeletal muscle mass index; CI: 95% confidence interval

Appendix Table 3. Comparison of height, weight, and body composition growths between ages 8 and 12 across short-to-short statured, short-to-normal statured, and control groups

	Changes			Difference-in-difference		
	Control	SN	SS	Control-SN	Control-SS	SN-SS
Boys						
Height, cm, mean (CI)	**25.81 (25.75-25.87)**	**26.06 (25.87-26.25)**	**19.42 (19.22-19.62)**	-0.25 (-1.85-1.35)	**6.39† (4.13-8.65)**	**6.63† (5.35-7.91)**
Weight, kg, mean (CI)	**21.64 (21.54-21.73)**	**19.17 (18.75-19.59)**	**13.17 (12.70-13.64)**	2.47 (-0.06-4.99)	**8.46† (4.91-12.02)**	**6.00† (3.09-8.91)**
BFM, kg, mean (CI)	**6.10 (6.04-6.17)**	**6.07 (5.75-6.40)**	**5.02 (4.59-5.45)**	0.03 (-1.65-1.71)	1.08 (-1.28-3.45)	1.05 (-1.30-3.40)
SMM, kg, mean (CI)	**9.13 (9.10-9.17)**	**7.72 (7.62-7.83)**	**4.75 (4.64-4.86)**	**1.41† (0.60-2.23)**	**4.38† (3.23-5.54)**	**2.97† (2.26-3.68)**
BMI, kg/m^2, mean (CI)	**3.46 (3.42-3.49)**	**3.72 (3.52-3.92)**	**2.61 (2.34-2.88)**	-0.26 (-1.20-0.67)	0.84 (-0.47-2.15)	1.11 (-0.36-2.57)
BFMI, kg/m^2, mean (CI)	**1.37 (1.34-1.40)**	**1.93 (1.77-2.10)**	**1.86 (1.61-2.11)**	-0.56 (-1.30-0.17)	-0.49 (-1.52-0.54)	0.07 (-1.16-1.30)
SMMI, kg/m^2, mean (CI)	**1.55 (1.54-1.56)**	**1.49 (1.44-1.53)**	**0.78 (0.73-0.84)**	0.07 (-0.17-0.30)	**0.77† (0.44-1.10)**	**0.70† (0.40-1.00)**
Girls						
Height, cm, mean (CI)	**25.68 (25.63-25.74)**	**27.42 (27.26-27.58)**	**21.45 (21.21-21.69)**	**-1.73* (-3.19--0.28)**	**4.23† (2.21-6.25)**	**5.96† (4.78-7.15)**
Weight, kg, mean (CI)	**19.02 (18.95-19.09)**	**18.14 (17.82-18.45)**	**12.60 (12.19-13.02)**	0.88 (-1.18-2.94)	**6.42† (3.57-9.27)**	**5.54† (3.27-7.80)**
BFM, kg, mean (CI)	**6.15 (6.11-6.20)**	**5.96 (5.72-6.21)**	**4.04 (3.74-4.34)**	0.19 (-1.14-1.53)	**2.12* (0.27-3.96)**	**1.92* (0.20-3.64)**
SMM, kg, mean (CI)	**7.50 (7.47-7.52)**	**7.11 (7.02-7.19)**	**5.02 (4.90-5.15)**	0.39 (-0.21-0.99)	**2.47† (1.64-3.31)**	**2.09† (1.46-2.71)**
BMI, kg/m^2, mean (CI)	**2.78 (2.75-2.81)**	**3.05 (2.88-3.21)**	**2.09 (1.87-2.31)**	-0.26 (-1.07-0.55)	0.69 (-0.43-1.81)	0.95 (-0.22-2.12)
BFMI, kg/m^2, mean (CI)	**1.42 (1.40-1.44)**	**1.65 (1.53-1.78)**	**1.26 (1.09-1.43)**	-0.24 (-0.83-0.36)	0.16 (-0.67-0.99)	0.40 (-0.52-1.31)
SMMI, kg/m^2, mean (CI)	**1.12 (1.11-1.12)**	**1.24 (1.21-1.28)**	0.86 (0.80-0.93)	-0.13 (-0.33-0.07)	0.25 (-0.02-0.53)	**0.38* (0.09-0.67)**

†p value < 0.01, *p value < 0.05
SN: short-to-normal statured group; SS: short-to-short statured group; BFM: body fat mass; SMM: skeletal muscle mass; BMI: body mass index; BFMI: body fat mass index, SMMI: skeletal muscle mass index; CI: 95% confidence interval