

Supplementary table 1: Mean difference (and 95% confidence interval) in left ventricular mass indexed to a) body surface area (g/m²) and b) height^{2.7} by birth weight and each pair of BMI and height in childhood and adolescence: models adjusted for sex only; sex and confounders; sex, confounders and BMI and height at 60-64 years.

	Adjusted for sex			Additionally adjusted for childhood and adult social class and (except [†]) birth weight		
	Regression coefficient	(95% CI)	p-value	Regression coefficient	(95% CI)	p-value
a) Indexed to BSA(g/m²)						
Birth weight (per kg) (n=1392)	0.6	(-2.2,3.3)	0.7*	0.6	(-2.2,3.3)	0.7*
Categories						
<2.5kg	1.6	(-2.3,5.5)	0.6	1.5	(-2.4,5.4)	0.6
2.5-3.0kg	-0.8	(-9.6,8.1)		-2.0	(-10.8,6.9)	
3.0-3.5kg	Ref.			Ref.		
3.5-4.0kg	2.8	(-1.2,6.8)		2.7	(-1.2,6.7)	
4.0kg-4.5kg	-0.5	(-6.4,5.4)		-0.9	(-6.8,5.0)	
>=4.5kg	-1.4	(-11.1,8.3)		-1.5	(-11.2,8.1)	
BMI (per kg/m ²)						
2 years (n=1106)	0.2	(-0.6,1.0)	0.6	0.3	(-0.5,1.2)	0.4
4 years (n=1256)	1.0	(0.1,1.8)	0.03*	0.9	(0.0,1.8)	0.04
Categories						
Lowest fifth	Ref.		0.03	Ref.		0.04
2	1.2	(-3.1,5.5)		0.6	(-3.7,4.9)	
3	2.2	(-2.0,6.4)		1.9	(-2.4,6.1)	
4	6.8	(2.3,11.2)		6.3	(1.8,10.8)	
Highest fifth	4.1	(-0.2,8.4)		3.7	(-0.7,8.1)	
6 years (n=1176)	1.5	(0.4,2.5)	0.006*	1.4	(0.3,2.5)	0.01
Categories						
Lowest fifth	Ref.		0.006	Ref.		0.02
2	6.8	(2.3,11.3)		6.2	(1.7,10.8)	
3	5.1	(0.8,9.5)		4.8	(0.4,9.2)	
4	7.7	(3.1,12.2)		7.1	(2.4,11.7)	
Highest fifth	6.8	(2.3,11.3)		6.4	(1.9,11.0)	

7 years (n=1217)	1.5	(0.5,2.5)	0.005	1.5	(0.4,2.5)	0.006
11 years (n=1219)	0.7	(0.1,1.4)	0.03	0.6	(0.0,1.3)	0.05
15 years (n=1134)	1.4	(0.9,2.0)	<0.001	1.4	(0.8,1.9)	<0.001
20 years (n=1185)	1.2	(0.7,1.8)	<0.001	1.1	(0.5,1.6)	<0.001
Height (per cm)						
2 years (n=1106)	0.1	(-0.3,0.5)	0.6	0.3	(-0.5,0.7)	0.4
4 years (n=1256)	-0.1	(-0.3,0.2)	0.8	0.1	(-0.3,0.4)	0.7
6 years (n=1176)	-0.1	(-0.4,0.2)	0.3	0.0	(-0.3,0.3)	0.95
7 years (n=1217)	-0.1	(-0.4,0.2)	0.4	0.0	(-0.3,0.3)	0.9
11 years (n=1219)	-0.1	(-0.3,0.2)	0.5	0.0	(-0.2,0.2)	0.99
15 years (n=1134)	-0.2	(-0.4,0.0)	0.09	-0.1	(-0.3,0.1)	0.1
20 years (n=1185)	-0.2	(-0.4,0.0)	0.1	-0.1	(-0.3,0.1)	0.4
b) Indexed to height^{2.7}(g/m^{2.7})						
Birth weight (per kg) (n=1392)	-0.5	(-1.9,0.9)	0.5*	-0.5	(-1.8,1.0)	0.5*
Categories						
<2.5kg	0.4	(-1.7,2.4)	0.7	0.3	(-1.7,2.3)	0.6
2.5-3.0kg	0.5	(-4.1,5.0)		-0.3	(-4.8,4.2)	
3.0-3.5kg	Ref.			Ref.		
3.5-4.0kg	0.6	(-1.4,2.7)		0.6	(-1.5,2.6)	
4.0kg-4.5kg	-1.4	(-4.5,1.6)		-1.7	(-4.7,1.3)	
>=4.5kg	-2.2	(-7.3,2.8)		-2.3	(-7.3,2.7)	
BMI (per kg/m ²)						
2 years (n=1106)	-0.1	(-0.5,0.3)	0.8	0.1	(-0.3,0.5)	0.7
4 years (n=1256)	0.5	(0.1,1.0)	0.02*	0.5	(0.1,0.9)	0.03
Categories						
Lowest fifth	Ref.		0.01	Ref.		0.02
2	1.2	(-1.1,3.4)		0.9	(-1.3,3.1)	
3	1.6	(-0.7,3.7)		1.4	(-0.8,3.6)	
4	4.0	(1.7,6.3)		3.8	(1.4,6.1)	
Highest fifth	2.4	(0.2,4.6)		2.2	(-0.1,4.5)	
6 years (n=1176)	1.1	(0.5,1.6)	<0.001*	1.1	(0.5,1.6)	<0.001
Categories						

Lowest fifth	Ref.		<0.001	Ref.		<0.001
2	3.6	(1.3,6.0)		3.3	(1.0,5.7)	
3	3.4	(1.2,5.7)		3.2	(1.0,5.4)	
4	4.9	(2.6,7.3)		4.6	(2.3,7.0)	
Highest fifth	4.7	(2.4,7.0)		4.6	(2.3,7.0)	
7 years (n=1217)	1.1	(0.6,1.7)	<0.001	1.2	(0.6,1.7)	<0.001
11 years (n=1219)	0.9	(0.6,1.2)	<0.001	0.9	(0.5,1.2)	<0.001
15 years (n=1134)	1.2	(0.9,1.5)	<0.001	1.2	(0.9,1.5)	<0.001
20 years (n=1185)	1.1	(0.8,1.4)	<0.001	1.0	(0.7,1.3)	<0.001
Height (per cm)						
2 years (n=1106)	-0.1	(-0.3,0.1)	0.2	0.1	(-0.3,0.5)	0.7
4 years (n=1256)	-0.3	(-0.4,-0.1)	0.001	-0.2	(-0.3,0.0)	0.03
6 years (n=1176)	-0.3	(-0.4,-0.1)	<0.001	-0.2	(-0.3,0.0)	0.01
7 years (n=1217)	-0.3	(-0.4,-0.1)	<0.001	-0.2	(-0.3,-0.1)	0.006
11 years (n=1219)	-0.2	(-0.3,-0.1)	<0.001	-0.2	(-0.3,-0.1)	0.003
15 years (n=1134)	-0.3	(-0.4,-0.2)	<0.001	-0.2	(-0.3,-0.1)	<0.001
20 years (n=1185)	-0.4	(-0.5,-0.2)	<0.001	-0.3	(-0.4,-0.2)	<0.001

* evidence of non-linearity

Supplementary table 2: Mean difference (and 95% confidence interval) in left ventricular end diastolic volume indexed to a) body surface area (ml/m²) and b) height^{2.7} (ml/m^{2.7}) by birth weight and each pair of BMI and height in childhood and adolescence: models adjusted for sex only; sex and confounders; sex, confounders and BMI and height at 60-64 years.

	Adjusted for sex			Additionally adjusted for childhood and adult social class and (except [†]) birth weight		
	Regression coefficient	(95% CI)	p-value	Regression coefficient	(95% CI)	p-value
a) Indexed to BSA(ml/m²)						
Birth weight[†] (per kg) (n=1474)	0.13	(-1.2,1.4)	0.8	0.12	(-1.2,1.4)	0.9
BMI (per kg/m ²)						
2 years (n=1180)	0.35	(-0.02,0.72)	0.07	0.40	(0.01,0.80)	0.05
4 years (n=1330)	0.28	(-0.12,0.69)	0.2	0.28	(-0.13,0.70)	0.2
6 years (n=1240)	0.54	(0.03,1.04)	0.04	0.57	(0.05,1.1)	0.03
7 years (n=1285)	0.69	(0.22,1.16)	0.004	0.75	(0.27,1.23)	0.002
11 years (n=1289)	0.36	(0.05,0.67)	0.02	0.38	(0.07,0.69)	0.02
15 years (n=1196)	0.51	(0.24,0.79)	<0.001	0.53	(0.25,0.80)	<0.001
20 years (n=1254)	0.52	(0.26,0.77)	<0.001	0.54	(0.29,0.80)	<0.001
Height (per cm)						
2 years (n=1180)	0.08	(-0.12,0.72)	0.5	0.10	(-0.10,0.30)	0.3
4 years (n=1330)	-0.04	(-0.18,0.10)	0.6	-0.04	(-0.18,0.11)	0.6
6 years (n=1240)	0.00	(-0.14,0.13)	0.97	0.01	(-0.13,0.16)	0.9
7 years (n=1285)	-0.03	(-0.16,0.10)	0.6	-0.01	(-0.15,0.12)	0.8
11 years (n=1289)	-0.02	(-0.13,0.08)	0.6	-0.02	(-0.12,0.09)	0.7
15 years (n=1196)	-0.04	(-0.13,0.05)	0.4	-0.04	(-0.14,0.05)	0.4
20 years (n=1254)	-0.07	(-0.18,0.03)	0.2	-0.08	(-0.19,0.03)	0.2
b) Indexed to height^{2.7}(ml/m^{2.7})						
Birth weight[†] (per kg) (n=1474)	-0.40	(-1.04,0.25)	0.2	-0.40	(-1.04,0.25)	0.2
BMI (per kg/m ²)						

2 years (n=1180)	0.06	(-0.13,0.24)	0.5	0.13	(-0.07,0.32)	0.2
4 years (n=1330)	0.14	(-0.07,0.34)	0.2	0.14	(-0.07,0.35)	0.2
6 years (n=1240)	0.44	(0.19,0.70)	0.001	0.47	(0.21,0.73)	<0.001
7 years (n=1285)	0.53	(0.30,0.78)	<0.001	0.58	(0.34,0.81)	<0.001
11 years (n=1289)	0.46	(0.31,0.62)	<0.001	0.48	(0.33,0.63)	<0.001
15 years (n=1196)	0.53	(0.40,0.66)	<0.001	0.54	(0.41,0.68)	<0.001
20 years (n=1254)	0.52	(0.40,0.64)	<0.001	0.53	(0.40,0.65)	<0.001
Height (per cm)						
2 years (n=1180)	-0.09	(-0.18,0.01)	0.07	-0.04	(-0.14,0.06)	0.4
4 years (n=1330)	-0.15	(-0.22,-0.08)	<0.001	-0.13	(-0.20,-0.06)	<0.001
6 years (n=1240)	-0.12	(-0.19,-0.06)	<0.001	-0.10	(-0.17,-0.03)	0.006
7 years (n=1285)	-0.13	(-0.20,-0.07)	<0.001	-0.11	(-0.18,-0.05)	0.001
11 years (n=1289)	-0.12	(-0.17,-0.07)	<0.001	-0.11	(-0.16,-0.06)	<0.001
15 years (n=1196)	-0.12	(-0.16,-0.07)	<0.001	-0.11	(-0.16,-0.07)	<0.001
20 years (n=1254)	-0.18	(-0.23,-0.13)	<0.001	-0.17	(-0.23,-0.12)	<0.001

Supplementary table 3: Mean difference (and 95% confidence interval) in left ventricular mass (LVM), left ventricular end diastolic volume (LVEDV) and relative wall thickness (RWT) for a 1 standard deviation conditional change in BMI and height: models adjusted for sex only, sex and confounders, and sex, confounders and CV risk factors at 60-64 years

	Adjusted for sex		Additionally adjusted for childhood and adult social class and birth weight		Additionally adjusted for BP, HR and diabetes at 60-64y	
	Regression coefficient (95% CI)	p-value	Regression coefficient (95% CI)	p-value	Regression coefficient (95% CI)	p-value
LVM						
Change 2-4y (n=967)						
BMI (per SD)	7.1 (3.6,10.6)	<0.001	6.7 (3.2,10.25)	<0.001	6.8 (3.4,10.2)	<0.001
Height (per SD)	6.5 (2.9,10.1)	<0.001	7.2 (3.5,10.94)	<0.001	7.5 (3.9,11.1)	<0.001
Change 4-7 (n=1018)						
BMI (per SD)	6.4 (3.1,9.7)	<0.001	6.3 (3.0,9.6)	<0.001	5.8 (2.6,9.0)	<0.001
Height (per SD)	5.0 (1.6,8.4)	0.004	4.9 (1.5,8.4)	0.005	4.2 (0.9,7.5)	0.01
Change 7-15y (n=944)						
BMI (per SD)	8.3 (4.7,11.9)	<0.001	7.7 (4.1,11.2)	<0.001	6.6 (3.1,10.1)	<0.001
Height (per SD)	1.7 (-1.7,5.1)	0.3	1.3 (-2.1,4.8)	0.4	0.7 (-2.6,4.1)	0.7
Change 15-20y (n=919)						
BMI (per SD)	7.9 (4.5,11.4)	<0.001	7.0 (3.5,10.5)	<0.001	5.8 (2.3,9.2)	0.001
Height (per SD)	2.4 (-1.1,5.9)	0.2	2.4 (-1.1,5.9)	0.2	2.7 (-0.7,6.2)	0.1
LVEDV						
Change 2-4y (n=1027)						
BMI (per SD)	3.2 (1.5,4.8)	<0.001	3.0 (1.3,4.7)	0.001	3.0 (1.3,4.6)	<0.001
Height (per SD)	3.4 (1.7,5.1)	<0.001	3.3 (1.5,5.1)	<0.001	3.3 (1.5,5.0)	<0.001
Change 4-7 (n=1074)						
BMI (per SD)	3.5 (1.9,5.0)	<0.001	3.4 (1.8,5.0)	<0.001	3.2 (1.7,4.8)	<0.001
Height (per SD)	2.7 (1.1,4.3)	0.001	2.7 (1.0,4.3)	0.001	2.5 (0.9,4.1)	0.002
Change 7-15y (n=994)						
BMI (per SD)	3.3 (1.7,5.0)	<0.001	3.3 (1.6,4.9)	<0.001	2.9 (1.3,4.5)	<0.001
Height (per SD)	1.8 (0.2,3.3)	0.03	1.7 (0.1,3.2)	0.04	1.3 (-0.3,2.8)	0.1
Change 15-20y (n=970)						
BMI (per SD)	4.3 (2.7,5.8)	<0.001	4.3 (2.7,5.9)	<0.001	4.0 (2.4,5.5)	<0.001
Height (per SD)	1.8 (0.7,3.3)	0.03	1.6 (-0.1,3.1)	0.06	1.7 (0.1,3.2)	0.04
RWT						
Change 2-4y (n=967)						
BMI (per SD)	0.000 (-0.006,0.006)	0.97	-0.001 (-0.0050,0.0068)	0.8	0.001 (-0.005,0.007)	0.7

Height (per SD)	0.000 (-0.006,0.006)	0.9	-0.002 (-0.0044,0.0080)	0.6	0.002 (-0.004,0.008)	0.5
Change 4-7 (n=1018)						
BMI (per SD)	0.002 (-0.017,0.005)	0.5	0.003 (-0.003,0.009)	0.3	0.003 (-0.002,0.009)	0.3
Height (per SD)	0.001 (-0.005,0.006)	0.9	0.001 (-0.005,0.007)	0.7	0.000 (-0.006,0.006)	0.9
Change 7-15y (n=944)						
BMI (per SD)	0.007 (0.001,0.013)	0.02	0.007 (0.001,0.013)	0.02	0.007 (0.001,0.012)	0.03
Height (per SD)	-0.006 (-0.011,-0.001)	0.04	-0.006 (-0.011,0.000)	0.04	-0.006 (-0.011,0.000)	0.05
Change 15-20y (n=919)						
BMI (per SD)	-0.004 (-0.010,0.002)	0.2	-0.004 (-0.010,0.002)	0.2	-0.005 (-0.011,0.001)	0.09
Height (per SD)	-0.007 (-0.013,-0.001)	0.03	-0.006 (-0.012,-0.001)	0.03	-0.007 (-0.012,-0.001)	0.03

Abbreviations: BMI, body mass index; HR, heart rate; BP, blood pressure. Note that the sample sizes are based on those with complete information on all confounding and CV risk factor information and are therefore smaller than the samples on which Figure 1 is based and so coefficients will not be exactly.

Supplementary table 4: Mean difference (and 95% confidence interval) in left ventricular mass (LVMI), left ventricular end diastolic volume (LVEDVI) indexed to body surface area for a 1 standard deviation conditional change in BMI and height: models adjusted for sex only, sex and confounders, and sex, confounders and CV risk factors at 60-64 years

	Adjusted for sex		Additionally adjusted for childhood and adult social class and birth weight		Additionally adjusted for BP, HR and diabetes at 60-64y	
	Regression coefficient (95% CI)	p-value	Regression coefficient (95% CI)	p-value	Regression coefficient (95% CI)	p-value
LVMI						
Change 2-4y (n=967)						
BMI (per SD)	1.7 (0.0,3.4)	0.05	1.7 (0.0,3.4)	0.05	1.7 (0.1,3.4)	0.04
Height (per SD)	0.4 (-1.3,2.1)	0.6	1.0 (-0.8,2.8)	0.3	1.1 (-0.7,2.8)	0.2
Change 4-7 (n=1018)						
BMI (per SD)	1.6 (0.0,3.2)	0.05	1.7 (0.1,3.3)	0.04	1.5 (-0.1,3.0)	0.07
Height (per SD)	-0.3 (-1.9,1.4)	0.8	-0.2 (-1.9,1.5)	0.8	-0.5 (-2.1,1.1)	0.6
Change 7-15y (n=944)						
BMI (per SD)	2.8 (1.1,4.5)	0.002	2.6 (0.8,4.3)	0.004	2.1 (0.4,3.8)	0.02
Height (per SD)	-0.8 (-2.4,0.9)	0.4	-0.9 (-2.5,0.8)	0.3	-1.1 (-2.8,0.5)	0.2
Change 15-20y (n=919)						
BMI (per SD)	2.0 (0.4,3.7)	0.02	1.6 (-0.1,3.3)	0.07	1.1 (-0.5,2.8)	0.2
Height (per SD)	-1.1 (-2.8,0.6)	0.2	-1.0 (-2.7,0.7)	0.3	-0.8 (-2.5,0.8)	0.3
LVEDVI						
Change 2-4y (n=1027)						
BMI (per SD)	0.7 (-0.2,1.5)	0.1	0.7 (-0.2,1.5)	0.1	0.7 (-0.2,1.5)	0.1
Height (per SD)	0.2 (-0.7,1.0)	0.7	0.2 (-0.6,1.1)	0.6	0.2 (-0.7,1.0)	0.7
Change 4-7 (n=1074)						
BMI (per SD)	0.8 (0.1,1.6)	0.03	0.9 (0.1,1.7)	0.02	0.8 (0.1,1.6)	0.03
Height (per SD)	-0.2 (-1.0,0.6)	0.6	-0.2 (-1.0,0.6)	0.7	-0.2 (-1.0,0.6)	0.6
Change 7-15y (n=994)						
BMI (per SD)	0.7 (-0.1,1.5)	0.08	0.7 (-0.1,1.5)	0.08	0.6 (-0.2,1.4)	0.1
Height (per SD)	0.0 (-0.8,0.7)	0.96	0.0 (-0.8,0.7)	0.98	-0.2 (-0.9,0.5)	0.96
Change 15-20y (n=970)						
BMI (per SD)	1.2 (0.4,2.0)	0.004	1.2 (0.4,2.0)	0.004	1.1 (0.3,1.8)	0.007
Height (per SD)	-0.4 (-1.2,0.4)	0.3	-0.4 (-1.2,0.4)	0.3	-0.4 (-1.2,0.4)	0.3

Abbreviations: BMI, body mass index; HR, heart rate; BP, blood pressure.

Supplementary table 5: Mean difference (and 95% confidence interval) in left ventricular mass index (LVMI) and left ventricular end diastolic volume index (LVEDVI) by length of childhood and adolescent overweight: models adjusted for sex only; sex and confounders.

	Adjusted for sex		Additionally adjusted for childhood and adult social class and birth weight	
	Regression coefficient (95% CI)	p-value trend	Regression coefficient (95% CI)	p-value trend
LVMI BSA (g/m ²) (n=944)				
Number of times overweight				
0 (n=670)	Reference	0.1	Reference	0.2
1 (n=201)	1.2 (-2.7,5.1)		0.8 (-3.1,4.7)	
2 (n=61)	2.7 (-3.8,9.2)		2.0 (-4.9,8.5)	
3 (n=12)	10.7 (-3.4,24.9)		10.1 (-4.1,24.2)	
LVEDVI (ml/m ²) (n=995)				
Number of times overweight				
0 (n=703)	Reference	0.004	Reference	0.003
1 (n=212)	1.8 (0.0,3.7)		2.0 (0.1,3.9)	
2 (n=67)	3.5 (0.4,6.6)		3.7 (0.6,6.8)	
3 (n=13)	3.7 (-3.0,10.4)		3.9 (-2.8,10.6)	

Supplementary table 6: Odds ratios (OR) for geometric remodelling categories compared with normal left ventricular structure by birth weight and each pair of BMI and height in childhood and adolescence: models adjusted for sex

		Eccentric hypertrophy		Concentric hypertrophy		Concentric remodelling	
	n	OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value
Birth weight (per kg)	1475	1.07 (0.78,1.47)	0.7	0.91 (0.67,1.22)	0.5	0.81 (0.63,1.04)	0.1
BMI (per kg/m ²)							
2 years	1106	1.03 (0.93,1.14)	0.6	1.00 (0.90,1.10)	0.95	0.97 (0.89,1.05)	0.4
4 years	1256	1.07 (0.96,1.19)	0.2	1.04 (0.93,1.15)	0.5	0.99 (0.91,1.08)	0.8
6 years	1176	1.08 (0.95,1.23)	0.3	1.15 (1.01,1.30)	0.03	1.00 (0.90,1.12)	0.95
7 years	1217	1.08 (0.96,1.22)	0.2	1.12 (1.00,1.26)	0.06	1.00 (0.91,1.11)	0.96
11 years	1219	1.06 (0.99,1.15)	0.1	1.12 (1.04,1.20)	0.003	1.04 (0.97,1.11)	0.3
15 years	1134	1.07 (1.00,1.15)	0.07	1.13 (1.06,1.21)	<0.001	1.01 (0.95,1.08)	0.7
20 years	1185	1.04 (0.96,1.11)	0.3	1.12 (1.05,1.19)	<0.001	1.00 (0.94,1.06)	0.8
Height (per cm)							
2 years	1106	1.03 (0.98,1.08)	0.6	1.04 (0.99,1.09)	0.2	1.01 (0.97,1.05)	0.8
4 years	1256	1.02 (0.98,1.06)	0.3	1.02 (0.99,1.06)	0.5	1.02 (0.99,1.05)	0.3
6 years	1176	1.02 (0.99,1.06)	0.2	1.01 (0.98,1.05)	0.5	1.01 (0.98,1.04)	0.4
7 years	1217	1.02 (0.99,1.06)	0.2	1.01 (0.97,1.04)	0.7	1.02 (0.99,1.05)	0.2
11 years	1219	1.02 (0.99,1.05)	0.2	0.99 (0.96,1.01)	0.3	1.00 (0.98,1.03)	0.8
15 years	1134	1.01 (0.99,1.04)	0.4	0.99 (0.96,1.01)	0.2	1.01 (0.99,1.03)	0.6
20 years	1185	1.00 (0.97,1.03)	0.9	0.99 (0.97,1.02)	0.6	1.00 (0.97,1.02)	0.7

Supplementary Table 7: Odds ratios (OR) for geometric remodelling categories compared with normal left ventricular structure for a 1 standard deviation conditional change in BMI and height: models adjusted for sex

	n	Eccentric hypertrophy		Concentric hypertrophy		Concentric remodelling	
		OR (95% CI)	p-value	OR (95% CI)	p-value	OR (95% CI)	p-value
Change 2-4y BMI (per SD) Height (per SD)	967	1.19 (0.97,1.47) 1.13 (0.91,1.40)	0.1 0.3	1.07 (0.88,1.31) 1.03 (0.84,1.26)	0.5 0.8	1.08 (0.91,1.27) 1.06 (0.91,1.26)	0.4 0.5
Change 4-7 BMI (per SD) Height (per SD)	1081	1.07 (0.88,1.29) 1.05 (0.86,1.29)	0.5 0.6	1.13 (0.94,1.37) 0.96 (0.78,1.17)	0.2 0.7	0.93 (0.79,1.09) 0.98 (0.83,1.15)	0.4 0.8
Change 7-15y BMI (per SD) Height (per SD)	944	1.19 (0.96,1.46) 1.00 (0.82,1.21)	0.1 0.96	1.35 (1.11,1.65) 0.91 (0.75,1.11)	0.003 0.4	1.18 (0.99,1.40) 0.94 (0.80,1.10)	0.06 0.4
Change 15-20y BMI (per SD) Height (per SD)	919	1.03 (0.84,1.26) 0.90 (0.74,1.11)	0.8 0.3	1.17 (0.96,1.41) 0.89 (0.73,1.09)	0.1 0.3	0.90 (0.76,1.06) 0.89 (0.76,1.06)	0.2 0.2