

Additional file 2. Anthropometric characteristics at age 5 and 10 years by ethnicity, SES and sex in the ABCD study population (n=1 765).

		Ethnicity (n=1 765)					SES (n= 1 759)	
		Dutch (n=1 399)	African Surinamese (n=78)	Turkish (n=46)	Moroccan (n=96)	Other (n=146)	Low/middle (n=557)	High (n=1 202)
BMI, mean (SD)	Age 5	15.3 (1.3)	15.9 (2.3)	16.4 (1.7)	16.4 (2.0)	15.4 (1.4)	15.8 (1.8)	15.2 (1.2)
	Boys	15.3 (1.2)	16.2 (2.0)	16.2 (1.4)	16.3 (2.0)	15.5 (1.5)	15.7 (1.7)	15.3 (1.1)
	Girls	15.3 (1.4)	15.5 (2.6)	16.6 (2.1)	16.5 (2.2)	15.4 (1.3)	15.8 (2.0)	15.2 (1.3)
	Age 10	17.0 (2.2)	18.7 (3.8)	19.5 (3.2)	18.6 (3.2)	17.7 (2.6)	18.3 (3.2)	16.7 (1.9)
	Boys	17.0 (2.0)	19.2 (3.6)	19.6 (3.2)	18.4 (3.1)	17.7 (2.7)	18.1 (2.9)	16.9 (1.9)
	Girls	17.0 (2.4)	18.2 (4.1)	19.3 (3.2)	18.8 (3.3)	17.7 (2.5)	18.5 (3.4)	16.7 (2.0)
BMI z-score, mean (SD)	Age 5	-0.04 (0.86)	0.23 (1.37)	0.60 (0.99)	0.55 (1.67)	0.03 (0.93)	0.21 (1.11)	-0.06 (0.81)
	Boys	-0.06 (0.87)	0.53 (1.31)	0.56 (0.89)	0.54 (1.22)	0.05 (1.02)	0.20 (1.13)	-0.05 (0.83)
	Girls	-0.02 (0.86)	-0.06 (1.36)	0.65 (1.16)	0.54 (1.11)	0.01 (0.86)	0.21 (1.09)	-0.07 (0.79)
	Age 10	-0.11 (1.01)	0.49 (1.40)	0.89 (1.20)	0.52 (1.16)	0.21 (1.08)	0.38 (1.22)	-0.17 (0.96)
	Boys	-0.04 (1.01)	0.79 (1.35)	1.00 (1.25)	0.53 (1.19)	0.27 (1.15)	0.39 (1.24)	-0.06 (0.97)
	Girls	-0.17 (1.01)	0.20 (1.40)	0.75 (1.16)	0.52 (1.15)	0.15 (1.02)	0.36 (1.20)	-0.27 (0.93)
BMI category								
Underweight, n (%)	Age 5	192 (13.8)	17 (21.8)	2 (4.4)	9 (9.4)	17 (11.6)	81 (14.5)	156 (13.0)
	Boys	99 (14.3)	6 (15.8)	1 (3.7)	5 (9.3)	10 (14.9)	44 (15.2)	77 (13.1)
	Girls	94 (13.3)	11 (27.5)	1 (5.3)	4 (9.5)	7 (8.9)	37 (13.8)	79 (12.8)
	Age 10	183 (13.1)	7 (9.0)	4 (8.7)	8 (8.3)	14 (9.6)	60 (10.8)	156 (13.0)
	Boys	70 (10.1)	2 (5.3)	3 (11.1)	5 (9.3)	6 (9.0)	29 (10.1)	57 (9.8)
	Girls	113 (16.0)	5 (12.5)	1 (5.3)	3 (7.2)	8 (10.1)	31 (11.6)	99 (16.1)
Normal weight, n (%)	Age 5	1 120 (80.0)	46 (59)	33 (71.7)	66 (68.8)	114 (78.1)	338 (69.7)	986 (82.0)
	Boys	561 (81.2)	24 (63.2)	22 (81.5)	38 (7.4)	51 (76.1)	205 (70.9)	489 (83.4)
	Girls	558 (78.8)	22 (55.0)	11 (57.9)	27 (64.3)	63 (79.7)	183 (68.3)	497 (80.7)

	Age 10	1 101 (78.7)	48 (61.5)	22 (47.8)	65 (67.7)	106 (72.6)	368 (66.0)	969 (80.6)
	Boys	567 (82.1)	24 (63.2)	12 (44.4)	36 (66.7)	49 (73.1)	197 (68.2)	489 (83.4)
	Girls	534 (75.4)	24 (60.0)	10 (52.6)	29 (69.0)	57 (72.2)	171 (63.8)	480 (77.9)
Overweight/obesity, n (%)	Age 5	87 (6.2)	15 (19.2)	11 (23.9)	21 (21.8)	15 (10.3)	88 (15.8)	60 (5.0)
	Boys	31 (4.5)	8 (21.1)	4 (14.8)	11 (20.4)	6 (9.0)	40 (13.8)	20 (3.4)
	Girls	56 (7.9)	7 (17.5)	7 (36.8)	11 (26.2)	9 (11.4)	48 (17.9)	40 (6.5)
	Age 10	115 (8.2)	23 (29.5)	20 (43.5)	23 (24.0)	26 (17.8)	129 (23.2)	77 (6.4)
	Boys	54 (7.8)	12 (31.6)	12 (7.4)	13 (24.1)	12 (17.9)	63 (21.8)	40 (6.5)
	Girls	61 (8.6)	11 (27.5)	8 (42.1)	10 (23.8)	14 (17.7)	66 (24.6)	37 (6.0)

Ethnicity was based on the country of birth of the pregnant woman and her mother including both first-generation women and second generation women. SES was based on maternal education: low SES (<6y), middle SES (6-10y) and high SES (>10y) post-primary education. BMI categories were based on classification of Cole [7, 26] (n=1 765).