

### Supplementary Table S4. Linear Mixed Model of BMI Percentile over Age 3, 5, and 9 Years, According to Sum of Social Risk Score at Age 1 and 3 Years

	Initial BMI <sub>p</sub> <sup>a</sup> ( $\beta_{0i}$ ) (95% CI) <sup>c</sup>	Growth in BMI <sub>p</sub> <sup>b</sup> ( $\beta_{1j}$ ) (95% CI) <sup>c</sup>
<b>Girls</b>		
Cumulative social risk		
Cumulative social risk (0)	Ref.	Ref.
Cumulative social risk (1)	-0.11 (-3.99 to 3.77)	-0.34 (-1.83 to 1.16)
Cumulative social risk (2)	-1.62 (-5.62 to 2.39)	-0.05 (-1.48 to 1.37)
Cumulative social risk (3)	2.04 (-3.05 to 7.13)	0.85 (-1.03 to 2.72)
Cumulative social risk ( $\geq 4$ )	0.83 (-3.61 to 5.27)	<b>-1.76 (-3.38 to -0.14)</b>
<b>Boys</b>		
Cumulative social risk		
Cumulative social risk (0)	Ref.	Ref.
Cumulative social risk (1)	0.45 (-2.71 to 3.60)	-0.25 (-1.43 to 0.93)
Cumulative social risk (2)	0.06 (-3.92 to 4.03)	-0.91 (-2.30 to 0.47)
Cumulative social risk (3)	0.20 (-4.19 to 4.60)	-0.79 (-2.36 to 0.78)
Cumulative social risk ( $\geq 4$ )	-1.17 (-6.31 to 3.98)	-0.79 (-2.56 to 0.99)

The statistically significant results at an  $\alpha=0.05$  level are in bold.

<sup>a</sup>BMI<sub>p</sub> at age 3 years.

<sup>b</sup>In the unit of 2 years.

<sup>c</sup>Adjusted for race/ethnicity, maternal education, maternal marital status, receipt of public assistance, low birth weight, and maternal BMI.

**Supplementary Table S5. Linear Mixed Model of BMI Percentile over Age 3, 5, and 9 Years, According to Sum of Social Risk Score at Age 1 and 3 Years, Using Six Social Risk Factors at Both Age 1 and 3 Years**

	<b>Initial BMI<sub>p</sub><sup>a</sup> (<math>\beta_{0i}</math>) (95% CI)<sup>c</sup></b>	<b>Growth in BMI<sub>p</sub><sup>b</sup> (<math>\beta_{1i}</math>) (95% CI)<sup>c</sup></b>
<b>Girls</b>		
Cumulative social risk		
Cumulative social risk (0)	Ref.	Ref.
Cumulative social risk (1)	-1.76 (-6.15 to 2.63)	0.52 (-1.03 to 2.06)
Cumulative social risk (2-3)	1.01 (-3.49 to 5.52)	0.55 (-1.03 to 2.12)
Cumulative social risk ( $\geq 4$ )	0.94 (-5.43 to 7.32)	-1.68 (-3.89 to 0.52)
<b>Boys</b>		
Cumulative social risk		
Cumulative social risk (0)	Ref.	Ref.
Cumulative social risk (1)	-2.59 (-6.89 to 1.70)	-0.05 (-1.63 to 1.53)
Cumulative social risk (2-3)	-1.73 (-5.95 to 2.50)	-0.63 (-2.17 to 0.92)
Cumulative social risk ( $\geq 4$ )	-5.23 (-10.98 to 0.51)	0.17 (-1.96 to 2.30)

The statistically significant results at an  $\alpha = 0.05$  level are in bold.

<sup>a</sup>BMI<sub>p</sub> at age 3 years.

<sup>b</sup>In the unit of 2 years.

<sup>c</sup>Adjusted for race/ethnicity, maternal education, maternal marital status, receipt of public assistance, low birth weight, and maternal BMI.

**Supplementary Table S6. Growth Curve Model of BMI Percentile over Age 3, 5, and 9 Years, According to High Cumulative Social Risk ( $\geq 2$  Social Factors) at Age 1 and/or 3 Years, Using Six Social Risk Factors at Both Age 1 and 3 Years**

	<b>Initial BMI<sup>a</sup> (<math>\beta_{0i}</math>) (95% CI)<sup>c</sup></b>	<b>Growth in BMI<sup>b</sup> (<math>\beta_{1i}</math>) (95% CI)<sup>c</sup></b>
<b>Girls</b>		
High cumulative social risk ( $\geq 2$ )		
Both age 1 and 3 years	-2.02 (-9.29 to 5.26)	-0.79 (-3.32 to 1.75)
Age 3 years only	-0.60 (-6.30 to 5.10)	0.92 (-1.09 to 2.94)
Age 1 year only	5.19 (-0.79 to 11.17)	-0.75 (-2.83 to 1.33)
Neither age 1 nor 3 years	Ref.	Ref.
<b>Boys</b>		
High cumulative social risk ( $\geq 2$ )		
Both age 1 and 3 years	-2.98 (-9.43 to 3.46)	0.87 (-1.52 to 3.25)
Age 3 years only	0.19 (-4.88 to 5.27)	-0.89 (-2.78 to 1.01)
Age 1 year only	1.43 (-4.21 to 7.07)	-0.77 (-2.84 to 1.29)
Neither age 1 nor 3 years	Ref.	Ref.

Note. The statistically significant results at an  $\alpha=0.05$  level are in bold.

<sup>a</sup>BMI<sup>a</sup> at age 3 years.

<sup>b</sup>In the unit of 2 years.

<sup>c</sup>Adjusted for race/ethnicity, maternal education, maternal marital status, receipt of public assistance, low birth weight, and maternal BMI.