

Table S1. Odds ratio (OR) and 95% confidence interval (CI) for risk of overweight relative to normal weight by gender (Full results with estimated odds ratios and confidence intervals for the adjusted covariates)

	Model 1				Model 2			
	Boys		Girls		Boys		Girls	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Age (years)	1.02	(1.01-1.04)	0.99	(0.97-1.00)	1.02	(1.01-1.04)	0.99	(0.97-1.00)
Parenthood								
Two parents	1.00	(Ref.)	1.00	(Ref.)	1.00	(Ref.)	1.00	(Ref.)
Single parent	1.14	(0.97-1.33)	1.09	(0.93-1.28)	0.97	(0.81-1.15)	0.94	(0.79-1.12)
Step term								
Before September 2008	1.00	(Ref.)	1.00	(Ref.)	1.00	(Ref.)	1.00	(Ref.)
After September 2008	1.62	(1.51-1.72)	1.26	(1.18-1.35)	1.62	(1.51-1.73)	1.26	(1.18-1.35)
Interaction between single parent in 2008 and step term								
Two parents *September 2008	1.00	(Ref.)	1.00	(Ref.)	1.00	(Ref.)	1.00	(Ref.)
Single parents *September 2008	1.10	(0.92-1.30)	1.23	(1.04-1.45)	1.10	(0.93-1.31)	1.23	(1.04-1.46)
Household income quartile before 2008								
1 (lowest)					0.99	(0.87-1.12)	1.06	(0.93-1.20)
2					1.05	(0.93-1.18)	0.99	(0.87-1.12)
3					0.93	(0.83-1.05)	0.92	(0.81-1.04)
4 (highest)					1.00	(Ref.)	1.00	(Ref.)
>30% negative income change during economic crisis								
No					1.00	(Ref.)	1.00	(Ref.)
Yes					1.10	(0.96-1.25)	1.02	(0.88-1.17)
Mother's education								
Junior high school					1.00	(Ref.)	1.00	(Ref.)
High School					0.70	(0.57-0.86)	0.62	(0.50-0.77)
Vocational School					0.64	(0.52-0.79)	0.50	(0.41-0.63)
Higher Education					0.62	(0.49-0.78)	0.46	(0.36-0.58)
Father's education								
Junior high school					1.00	(Ref.)	1.00	(Ref.)
High School					0.97	(0.82-1.14)	0.91	(0.78-1.10)
Vocational School					0.92	(0.77-1.10)	0.87	(0.75-1.08)
Higher Education					0.75	(0.63-0.90)	0.76	(0.65-0.94)
Mother's age								
< 20 years					1.00	(Ref.)	1.00	(Ref.)
21-25 years					0.84	(0.54-1.30)	1.10	(0.63-2.25)
26-30 years					0.88	(0.57-1.37)	1.18	(0.62-2.24)

>30 years	0.97	(0.63-1.52)	1.24	(0.65-2.35)
Father's age				
< 20 years	1.00	(Ref.)	1.00	(Ref.)
21-25 years	2.25	(1.17-4.33)	0.79	(0.36-1.77)
26-30 years	1.90	(0.99-3.68)	0.87	(0.39-1.95)
>30 years	2.21	(1.14-4.27)	1.06	(0.47-2.38)
Residential area				
20 designated cities	1.00	(Ref.)	1.00	(Ref.)
other cities	1.07	(0.98-1.18)	1.16	(1.05-1.27)
Rural	1.14	(0.99-1.32)	1.41	(1.22-1.64)
Three generation household				
No	1.00	(Ref.)	1.00	(Ref.)
Yes	1.39	(1.27-1.52)	1.27	(1.16-1.39)

A generalized estimating equation model with an exchangeable correlation structure was used for the analysis

Robust standard errors were used to calculate 95% confidence intervals

Model 2 was adjusted for household income quartile before 2008, onset of 30 % or more negative income change during economic crisis, mother's education, father's education, mother's age at birth, father's age at birth, residential area, and three generation household

Table S2. Odds ratio (OR) and 95% confidence interval (CI) for risk of overweight relative to normal weight by gender and parental reception of social support

	Boys				Girls			
	Having social support		No support		Having social support		No support	
	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)	OR	(95% CI)
Changes in single parental status between 2008 and 2009								
Two parents	1.00 (Ref.)		1.00 (Ref.)		1.00 (Ref.)		1.00 (Ref.)	
Single parent	0.93	(0.75-1.16)	1.00	(0.75-1.33)	0.94	(0.75-1.18)	0.91	(0.69-1.20)
Step term								
Before September 2008	1.00 (Ref.)		1.00 (Ref.)		1.00 (Ref.)		1.00 (Ref.)	
After September 2008	1.59	(1.45-1.74)	1.66	(1.50-1.82)	1.27	(1.15-1.39)	1.26	(1.14-1.38)
Interaction between single parent in 2008 and step term								
Two parents *September 2008	1.00 (Ref.)		1.00 (Ref.)		1.00 (Ref.)		1.00 (Ref.)	
Single parent*September 2008	1.01	(0.80-1.28)	1.25	(0.96-1.63)	1.18	(0.94-1.48)	1.31	(1.00-1.71)

A generalized estimating equation model with an exchangeable correlation structure was used for the analysis

Robust standard errors were used to calculate 95% confidence intervals

Model 2 was adjusted for household income quartile before 2008, onset of 30 % or more negative income change during economic crisis, mother's education, father's education, mother's age at birth, father's age at birth, residential area, and three generation household