

**Supplementary Table S3.** Odds ratios (OR) and corresponding 95% confidence intervals (CI) for childhood overweight (including obesity) stratified by sex, according to selected socio-demographic and family characteristics. Lombardy, 2018-2019.

Characteristics	Overweight <sup>1</sup>			
	OR (95% CI)			
	OKKio alla Salute Age 8-9 years		HBSC Age 11-15 years	
	Males	Females	Males	Females
<b>Total</b>	<b>1565</b>	<b>1456</b>	<b>1424</b>	<b>1409</b>
Age category				
11	-	-	1.00 <sup>2</sup>	1.00 <sup>2</sup>
13	-	-	1.23 (0.87-1.74)	0.99 (0.62-1.57)
15	-	-	0.84 (0.58-1.24)	0.67 (0.41-1.09)
P for trend			0.327	0.075
Highest parental education				
Low	1.00 <sup>2</sup>	1.00 <sup>2</sup>	1.00 <sup>2</sup>	1.00 <sup>2</sup>
Intermediate	<b>0.68 (0.49-0.95)</b>	0.75 (0.54-1.04)	0.71 (0.41-1.23)	0.81 (0.41-1.61)
High	<b>0.63 (0.45-0.89)</b>	<b>0.46 (0.31-0.66)</b>	0.57 (0.32-1.02)	0.57 (0.27-1.19)
P for trend	<b>0.016</b>	<b>&lt;0.001</b>	0.052	0.083
Family socio-economic status				
Low	1.00 <sup>2</sup>	1.00 <sup>2</sup>	1.00 <sup>2</sup>	1.00 <sup>2</sup>
Middle	<b>0.73 (0.56-0.95)</b>	<b>0.69 (0.52-0.91)</b>	0.96 (0.68-1.35)	0.73 (0.48-1.11)
High	<b>0.40 (0.25-0.63)</b>	0.71 (0.47-1.05)	0.80 (0.53-1.21)	<b>0.46 (0.26-0.79)</b>
P for trend	<b>&lt;0.001</b>	<b>0.022</b>	0.282	<b>0.005</b>
Nationality				
Italian	1.00 <sup>2</sup>	1.00 <sup>2</sup>	1.00 <sup>2</sup>	1.00 <sup>2</sup>
Other	<b>1.43 (1.05-1.94)</b>	1.02 (0.72-1.44)	1.08 (0.60-1.96)	1.98 (0.86-4.59)
Birth weight (gr) <sup>3</sup>				
<2500	1.00 <sup>2</sup>	1.00 <sup>2</sup>		
2500-3300	<b>2.06 (1.08-3.94)</b>	0.74 (0.47-1.16)		
>3300	<b>3.31 (1.74-6.29)</b>	1.14 (0.72-1.81)		
P for trend	<b>&lt;0.001</b>	<b>0.040</b>		
Parental BMI <sup>3</sup>				
Both parents normal weight	1.00 <sup>2</sup>	1.00 <sup>2</sup>		
At least one parent overweight (not obese)	<b>2.23 (1.64-3.03)</b>	<b>1.72 (1.23-2.39)</b>		
At least one parent obese	<b>3.73 (2.56-5.44)</b>	<b>4.15 (2.81-6.14)</b>		
P for trend	<b>&lt;0.001</b>	<b>&lt;0.001</b>		

<sup>1</sup> ORs for overweight (overweight/obesity vs. normal weight) were calculated in unconditional multiple logistic regression models, after adjustment for sex, parents' highest level of education and physical activity (low, intermediate, high); HBSC data were further adjusted for age. Thin children and adolescents were excluded from the analyses. Estimates in bold type are significant at 0.05.

<sup>2</sup> Reference category.

<sup>3</sup> Information on baby's birth weight and parents' BMI were not available for the HBSC survey.