

Title	The use of a dietary quality score as a predictor of childhood overweight and obesity
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Additional file 2: Prevalence odds ratios for overweight and obesity with Child DQS[‡] and potential confounders

[‡] derived from child's answers to 10-item FFQ of foods eaten yesterday in child main questionnaire. Model 1 unadjusted model, Model 2 Adjusted for gender and parent's education,

N (%)		N (%)							
		Model 1 Unadjusted		Model 2 Demographics factors		Model 3 Lifestyle factors		Model 4 Parent factor	
		Overweight 1,565 (19.3)	Obese 531 (6.6)	Overweight	Obese	Overweight	Obese	Overweight	Obese
OR (95 % CI)									
DQS	Q1 (Highest DQ)	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
	Q2	1.09 (0.85 1.39)	1.00 (0.65 1.53)	1.07 (0.83 1.37)	0.95 (0.62 1.46)	1.05 (0.82 1.35)	0.92 (0.60 1.41)	1.08 (0.84 1.40)	0.99 (0.62 1.60)
	Q3	1.03 (0.81 1.30)	1.09 (0.71 1.66)	0.99 (0.78 1.26)	0.99 (0.64 1.53)	0.99 (0.77 1.26)	0.96 (0.61 1.49)	1.00 (0.78 1.29)	1.06 (0.67 1.68)
	Q4	1.02 (0.84 1.24)	1.50 (1.05 2.12)	0.98 (0.81 1.19)	1.32 (0.93 1.88)	0.96 (0.79 1.16)	1.24 (0.87 1.77)	0.93 (0.76 1.13)	1.24 (0.85 1.83)
	Q5 (Lowest DQ)	0.93 (0.75 1.14)	1.27 (0.87 1.84)	0.86 0.69 1.07	1.03 (0.70 1.51)	0.82 (0.66 1.02)	0.91 (0.62 1.36)	0.79 (0.63 0.99)	0.88 (0.58 1.33)
Gender									
	Boys			1.00	1.00	1.00	1.00	1.00	1.00
	Girls			1.47 (1.28 1.70)	1.56 (1.24 1.97)	1.44 (1.25 1.67)	1.41 (1.11 1.78)	1.44 (1.24 1.67)	1.39 (1.09 1.79)
Parent education									
	Third level			1.00	1.00	1.00	1.00	1.00	1.00
	Non-degree			1.21 (0.98 1.48)	1.89 (1.21 2.97)	1.18 (0.96 1.45)	1.80 (1.14 2.83)	1.16 (0.93 1.44)	2.10 (1.36 3.24)
	Higher second level			1.26 (1.03 1.53)	2.01 (1.33 3.03)	1.21 (1.00 1.47)	1.83 (1.21 2.78)	1.22 (0.99 1.49)	2.21 (1.52 3.22)
	<= Lower secondary level			1.47 (1.18 1.83)	3.31 (2.20 4.99)	1.40 (1.12 1.75)	2.91 (1.93 4.37)	1.30 (1.03 1.63)	2.97 (2.03 4.36)
PA									
	9 days or more					1.00	1.00	1.00	1.00
	6-8 days					1.05 (0.88 1.25)	1.45 (1.08 1.95)	1.05 (0.88 1.27)	1.47 (1.06 2.02)
	3-5days					1.39 (1.16 1.67)	2.26 (1.66 3.08)	1.38 (1.14 1.66)	2.29 (1.67 3.14)
	1-2 days					1.08 (0.77 1.52)	2.56 (1.63 4.02)	1.09 (0.76 1.55)	2.34 (1.42 3.84)
	None					1.19 (0.75 1.89)	4.37 (2.56 7.48)	1.22 (0.76 1.95)	4.60 (2.62 8.09)
TV									
	Low					1.00	1.00	1.00	1.00
	Moderate					1.12 (0.93 1.34)	1.56 (1.11 2.18)	1.05 (0.87 1.27)	1.38 (0.98 1.96)
	High					1.51 (1.16 1.97)	1.90 (1.21 2.98)	1.42 (1.08 1.88)	1.78 (1.13 2.82)
Parent BMI									
	Normal							1.00	1.00
	Overweight							1.77 (1.49 2.10)	3.53 (2.54 4.91)
	Obese							2.62 (2.15 3.20)	6.64 (4.70 9.37)

Model 3 Adjusted model 2 and physical activity, and child's T.V. viewing time Model 4 adjusted for models 2 and 3 and parent's BMI