

Table 2: Binary Logistic Regression Analysis Odds Ratio (OR) and 95% Confidence Intervals (CI) predicting an unhealthy food* group consumption above the median relation to healthy food consumption, physical activity, screen-based sedentary behaviours, peer relationships, body mass index and socio economic status in 11, 13 , 15 years adolescents.

		Boys 11yo OR (95%CI)	Girls 11yo OR (95%CI)	All 11yo OR (95%CI)	Boys 13yo OR (95%CI)	Girls 13yo OR (95%CI)	All 13 yo OR (95%CI)	Boys 15yo OR (95%CI)	Girls 15yo OR (95%CI)	All 15 yo OR (95%CI)
Screen-based sedentary behaviours	≤ 2 hours a day	1	1	1	1	1	1	1	1	1
	to 4 hours a day	1.56 (1.24;1.96)	2.09 (1.65;2.65)	1.77 (1.52;2.06)	1.65 (1.25;2.17)	1.38 (1.04;1.82)	1.51 (1.25;1.83)	1.12 (0.85;1.49)	2.39 (1.71;3.34)	1.57 (1.27;1.95)
	to 6 hours a day	2.07 (1.57;2.71)	2.48 (1.86;3.31)	2.23 (1.80;2.75)	2.67 (1.99;3.59)	2.20 (1.65;2.93)	2.43 (1.99;2.96)	1.54 (1.14;2.09)	2.90 (2.06;4.07)	2.00 (1.60;2.50)
	> 6 hours a day	3.80 (2.69;5.36)	5.25 (3.44;8.01)	4.31 (3.29;5.65)	3.44 (2.53;4.67)	4.32 (3.15;5.94)	3.89 (3.14;4.82)	2.49 (1.81;3.41)	5.10 (3.61;7.21)	3.44 (2.73;4.33)
Vegetables consumption	Low	1	1	1	1	1	1	1	1	1
	Moderate	0.61 (0.50;0.75)	0.71 (0.56;0.91)	0.66 (0.56;0.77)	0.67 (0.54;0.82)	0.68 (0.53;0.87)	0.68 (0.58;0.79)	0.80 (0.65;0.98)	0.60 (0.49;0.73)	0.70 (0.61;0.81)
	High	0.45 (0.33;0.62)	0.56 (0.42;0.76)	0.50 (0.40;0.63)	0.51 (0.38;0.68)	0.46 (0.34;0.61)	0.49 (0.40;0.60)	0.69 (0.51;0.94)	0.42 (0.32;0.55)	0.54 (0.44;0.66)
Fruits consumption	Low	1	1	1	1	1	1	1	1	1
	Moderate	0.98 (0.75;1.28)	0.72 (0.54;0.96)	0.87 (0.71;1.06)	0.62 (0.48;0.82)	1.08 (0.82;1.41)	0.82 (0.67;0.99)	0.97 (0.76;1.24)	0.98 (0.76;1.27)	0.98 (0.82;1.16)
	High	0.91 (0.71;1.18)	0.86 (0.65;1.13)	0.88 (0.73;1.07)	0.68 (0.51;0.90)	0.88 (0.68;1.13)	0.77 (0.63;0.94)	0.73 (0.56;0.95)	0.70 (0.53;0.92)	0.71 (0.59;0.86)
Physical Activity	less than 1h/day	1	1	1	1	1	1	1	1	1
	1h every day	1.37 (1.07;1.76)	0.85 (0.63;1.15)	1.17 (0.96;1.43)	1.26 (0.97;1.64)	0.97 (0.70;1.33)	1.13 (0.93;1.37)	0.98 (0.78;1.22)	1.12 (0.81;1.53)	1.04 (0.86;1.24)
Close friends of the same sex	Less than 3	1	1	1	1	1	1	1	1	1
	3 or more	1.61 (1.24;2.09)	1.04 (0.80;1.35)	1.27 (1.05;1.54)	1.34 (1.04;1.73)	1.05 (0.85;1.28)	1.17 (0.99;1.38)	1.12 (0.92;1.36)	1.23 (1.01;1.49)	1.17 (1.02;1.35)
Body Mass Index	Normal weight	1	1	1	1	1	1	1	1	1
	Overweight/obese	0.67 (0.56;0.81)	0.95 (0.74;1.22)	0.76 (0.65;0.88)	0.64 (0.49;0.82)	0.59 (0.44;0.79)	0.62 (0.52;0.74)	0.56 (0.45;0.69)	0.60 (0.42;0.84)	0.57 (0.47;0.69)
Socio Economic Status (SES)	FAS Low	1	1	1	1	1	1	1	1	1
	FAS Middle	0.89 (0.66;1.21)	0.66 (0.51;0.87)	0.77 (0.63;0.94)	1.06 (0.73;1.53)	1.09 (0.81;1.46)	1.07 (0.85;1.35)	0.80 (0.57;1.12)	0.74 (0.52;1.04)	0.76 (0.59;0.98)
	FAS High	0.95 (0.70;1.31)	0.79 (0.60;1.04)	0.86 (0.70;1.07)	0.89 (0.63;1.27)	0.99 (0.74;1.34)	0.94 (0.74;1.18)	0.83 (0.60;1.14)	0.66 (0.46;0.96)	0.73 (0.57;0.94)

Consumptions: Low= once a week or less; Moderate= 2 to 6 times a week; High=daily or more

Body mass Index: below and over the sex-, and age-specific 75th percentile from Cole et al (2000)

*Unhealthy Food: sweets, beverage and crisps summed and dichotomized below and over the median value

In bold reported ORs with significant 95% CI