

Table S1: Estimates of fixed effect sizes with reference category in parentheses in relation to sweet and fatty food consumption frequencies in adults, adolescents and children.

Food consumption frequency	Covariate (Ref)	Adults		Adolescents		Children		
		β (CI)	p	β (CI)	p	β (CI)	p	
Sweet	Sex (Female)	Male	1.8 (1.2; 2.3)	<0.0001	1.0 (0.3; 1.8)	0.007	0.8 (0.3; 1.4)	0.003
		Italy	0.3 (-1.2; 1.8)	0.7	-0.07 (-1.9; 1.9)	1.0	1.8 (0.4; 3.2)	0.01
		Estonia	0.1 (-1.4; 1.5)	0.9	1.2 (-0.6; 3.1)	0.2	2.8 (1.4; 4.1)	< 0.0001
	Country (Spain)	Cyprus	-2.6 (-4.0; -1.2)	0.0002	-1.2 (-3.0; 0.6)	0.2	1.6 (0.26; 2.9)	0.02
		Sweden	-6.8 (-8.4; 5.3)	<0.0001	-4.7 (-6.8; -2.7)	<0.0001	-4.4 (-5.8; -2.9)	< 0.0001
		Germany	4.4 (2.9; 5.8)	<0.0001	4.0 (2.1; 5.8)	<0.0001	7.7 (6.3; 9.2)	< 0.0001
		Hungary	4.0 (2.6; 5.4)	<0.0001	0.6 (-1.3; 2.6)	0.5	4.3 (2.9; 5.7)	< 0.0001
	BMI z-score		-0.11 (-0.2; -0.1)	<0.0001	-0.3 (-0.4; -0.2)	<0.0001	-0.3 (-0.4; -0.2)	< 0.0001
	ISCED (Low)	Medium	-1.3 (-2.9; 0.4)	0.1	-2.9 (-4.6; -1.3)	0.0006	-3.7 (-5.4; -2.1)	< 0.0001
		High	-3.5 (-5.2; -1.8)	0.3605	-5.4 (-7.2; -3.7)	<0.0001	-5.4 (-7.1; -3.7)	< 0.0001
Fat	Sex (Female)	Male	1.2 (0.7; 1.6)	<0.0001	1.0 (0.4; 1.6)	0.002	0.3 (-0.2; 0.8)	0.2
		Italy	-3.8 (-5.0; -2.7)	<0.0001	0.7 (-0.9; 2.2)	0.4	-3.5 (-4.7; -2.2)	< 0.0001
		Estonia	2.9 (1.8; 4.0)	<0.0001	0.3 (-1.3; 1.8)	0.7	0.8 (-0.4; 2.1)	0.2
	Country (Spain)	Cyprus	-5.4 (-6.5; -4.3)	<0.0001	-1.7 (-3.2; -0.3)	0.02	-3.0 (-4.2; -1.8)	< 0.0001
		Sweden	-1.6 (-2.8; -0.4)	0.01	-2.7 (-4.4; -1.0)	0.002	-4.0 (-5.4; -2.7)	< 0.0001
		Germany	3.1 (2.0; 4.2)	<0.0001	1.9 (0.3; 3.4)	0.02	1.2 (-0.0; 2.5)	0.06
		Hungary	-0.9 (-2.0; 0.2)	0.1	0.1 (-1.4; 1.7)	0.9	-4.0 (-5.3; -2.7)	< 0.0001
	BMI z-score		-0.2 (-0.2; -0.1)	<0.0001	-0.3 (-0.4; -0.3)	<0.0001	-0.2 (-0.3; -0.1)	< 0.0001
	ISCED (Low)	Medium	0.1 (-1.2; 1.4)	0.9	-1.1 (-2.4; 0.3)	0.1	-0.8 (-2.2; 0.7)	0.3
		High	0.2 (-1.1; 1.5)	0.8	-1.7 (-3.1; -0.3)	0.02	-0.8 (-2.3; 0.7)	0.3

