



Supplementary Material

Table S1. Nutritional composition per 100g of the six processed products included in the experiment.

Product	Sugar (g)	Saturated fats (g)	Sodium (mg)
Cookies			
Vainilla cookies (0 WL)	21.6	4.1	405.4
Plain cookies (1 WL)	21.5	7.5*	408.6
Chocolate filled cookies (2 WL)	30.6*	9.7*	333.3
Salty Snacks			
Pop corn (0 WL)	1.0	2.5	480.0
Fried tortillas (1 WL)	4.0	12.0*	710.0
Puffed corn snacks (2 WL)	1.0	11.0*	1160.0*

WL: Warning labels, * Product “high-in” critical nutrient according to the Supreme Decree N° 012-2018-SA.

Table S2. Differences in intention to purchase by school.

	School 1			School 2		
	Control* n (%)	Experimental n(%)	p	Control* n (%)	Experimental n(%)	p
All	Cookies		0.242			0.357
	Vainilla cookies (0 WL)	36 (54.6)	41 (54.7)	31 (40.8)	24 (31.6)	
	Plain cookies (1 WL)	17 (25.8)	26 (34.7)	24 (31.6)	32 (42.1)	
	Chocolate filled cookies (2 WL)	13 (19.7)	8 (10.6)	21 (27.6)	20 (26.3)	
	Salty Snacks		0.163			0.440
	Pop corn (0 WL)	14 (37.8)	17 (58.6)	24 (53.3)	19 (42.2)	
	Fried tortillas (1 WL)	17 (46.0)	7 (24.1)	16 (35.6)	22 (48.9)	
	Puffed corn snacks (2 WL)	6 (16.2)	5 (17.3)	5 (11.1)	4 (8.9)	
			0.422			0.162
	Vainilla cookies and pop corn (0 WL)	50 (48.5)	58 (55.8)	55 (45.5)	43 (35.5)	
	Plain cookies and fried tortillas (1 WL)	34 (33.0)	33 (31.7)	40 (33.1)	54 (44.6)	
	Chocolate filled cookies and puffed corn snack (2 WL)	19 (18.5)	13 (12.5)	26 (21.5)	24 (19.8)	

* Packaged food without warning labels, WL: Warning labels

Table S3. Differences in identification of healthiest food by school.

	School 1			School 2		
	Control* n (%)	Experimental n(%)	P	Control* n (%)	Experimental n(%)	P
Cookies			0.498			0.149
Vainilla cookies (0 WL)	58 (87.9)	61 (81.3)		57 (75.0)	65 (85.5)	
Plain cookies (1 WL)	7 (10.6)	11 (14.7)		17 (22.4)	11 (14.5)	
Chocolate filled cookies (2 WL)	1 (1.5)	3 (4.0)		2 (2.6)	0 (0.0)	
Salty Snacks			0.231			0.365
Pop corn (0 WL)	34 (91.9)	24 (82.8)		39 (86.7)	38 (84.4)	
Fried tortillas (1 WL)	2 (5.4)	1 (3.5)		3 (6.7)	1 (2.2)	
Puffed corn snacks (2 WL)	1 (2.7)	4 (13.8)		3 (6.6)	6 (13.3)	
All			0.176			0.311
Vainilla cookies and pop corn (0 WL)	92 (89.3)	85 (81.7)		96 (79.3)	103 (85.1)	
Plain cookies and fried tortillas (1 WL)	9 (8.7)	11 (11.5)		20 (16.5)	12 (9.9)	
Chocolate filled cookies and puffed corn snack (2 WL)	2 (1.9)	7 (6.7)		5 (4.2)	6 (5.0)	

* Packaged food without warning labels, WL: Warning labels

Table S4. Differences in intention to purchase by school level.

	Primary			Secondary		
	Control* n (%)	Experimental n(%)	P	Control* n (%)	Experimental n(%)	P
Cookies			0.380			0.017
Vainilla cookies (0 WL)	32 (57.3)	24 (45.3)		35 (42.7)	41 (41.8)	
Plain cookies (1 WL)	22 (33.7)	19 (39.8)		19 (23.2)	39 (39.8)	
Chocolate filled cookies (2 WL)	6 (10.0)	10 (18.9)		28 (34.1)	18 (18.4)	
Salty Snacks			0.711			0.925
Pop corn (0 WL)	9 (39.1)	16 (47.1)		29 (49.2)	20 (50.0)	
Fried tortillas (1 WL)	12 (57.2)	14 (41.2)		21 (35.6)	15 (37.5)	
Puffed corn snacks (2 WL)	2 (8.7)	4 (11.8)		9 (15.3)	5 (12.5)	
All			0.456			0.067
Vainilla cookies and pop corn (0 WL)	41 (49.4)	40 (46.0)		64 (45.4)	61 (44.2)	
Plain cookies and fried tortillas (1 WL)	34 (41.0)	33 (37.9)		40 (28.4)	54 (39.1)	
Chocolate filled cookies and puffed corn snack (2 WL)	8 (9.6)	14 (16.1)		37 (26.2)	23 (16.7)	

* Packaged food without warning labels, WL: Warning labels

Table S5. Differences in identification of healthiest food by school level.

	Primary			Secondary		
	Control* n (%)	Experimental n(%)	p	Control* n (%)	Experimental n(%)	p
Cookies			0.688			0.911
Vainilla cookies (0 WL)	46 (76.7)	44 (83.0)		69 (84.2)	82 (83.7)	
Plain cookies (1 WL)	12 (20.0)	8 (15.1)		12 (14.6)	14 (14.3)	
Chocolate filled cookies (2 WL)	2 (3.3)	1 (1.9)		1 (1.2)	2 (2.0)	
Salty Snacks			0.348			0.067
Pop corn (0 WL)	20 (87.0)	25 (73.5)		53 (89.8)	37 (92.5)	
Fried tortillas (1 WL)	0 (0.0)	2 (5.9)		5 (8.5)	0 (0.0)	
Puffed corn snacks (2 WL)	3 (13.0)	7 (20.6)		1 (1.7)	3 (7.5)	
All			0.655			0.454
Vainilla cookies and pop corn (0 WL)	66 (79.5)	69 (79.3)		122 (86.5)	119 (86.2)	
Plain cookies and fried tortillas (1 WL)	12 (14.5)	10 (11.5)		17 (12.1)	14 (10.2)	
Chocolate filled cookies and puffed corn snack (2 WL)	5 (6.0)	8 (9.2)		2 (1.4)	5 (3.6)	

* Packaged food without warning labels, WL: Warning labels

Table S6. Differences in intention to purchase by sex.

	Male			Female		
	Control* n (%)	Experimental n(%)	p	Control* n (%)	Experimental n(%)	p
Cookies			0.235			0.322
Vainilla cookies (0 WL)	22 (40.7)	27 (45.0)		45 (51.1)	38 (41.8)	
Plain cookies (1 WL)	17 (31.5)	24 (40.0)		24 (27.3)	34 (37.4)	
Chocolate filled cookies (2 WL)	15 (27.8)	9 (15.0)		19 (21.6)	19 (20.8)	
Salty Snacks			0.119			0.130
Pop corn (0 WL)	17 (48.6)	19 (52.8)		21 (44.7)	17 (44.7)	
Fried tortillas (1 WL)	16 (45.7)	10 (27.8)		17 (36.2)	19 (50.0)	
Puffed corn snacks (2 WL)	2 (5.7)	7 (19.4)		9 (19.2)	2 (5.3)	
All			0.836			0.183
Vainilla cookies and pop corn (0 WL)	39 (43.8)	46 (47.9)		66 (48.9)	55 (42.6)	
Plain cookies and fried tortillas (1 WL)	33 (37.1)	34 (35.4)		41 (30.4)	53 (41.1)	
Chocolate filled cookies and puffed corn snack (2 WL)	17 (19.1)	16 (16.7)		28 (20.7)	21 (16.3)	

* Packaged food without warning labels, WL: Warning labels

Table S7. Differences in identification of healthiest food by sex.

	Male			Female		
	Control* n (%)	Experimental n(%)	p	Control* n (%)	Experimental n(%)	p
Cookies			0.368			0.376
Vainilla cookies (0 WL)	41 (75.9)	51 (85.0)		74 (84.1)	75 (82.4)	
Plain cookies (1 WL)	10 (18.5)	8 (13.3)		14 (15.9)	14 (15.4)	
Chocolate filled cookies (2 WL)	3 (5.6)	1 (1.7)		0 (0.0)	2 (2.2)	
Salty Snacks			0.248			0.357
Pop corn (0 WL)	31 (88.6)	31 (86.1)		42 (89.4)	31 (81.6)	
Fried tortillas (1 WL)	3 (8.6)	1 (2.8)		2 (4.3)	1 (2.6)	
Puffed corn snacks (2 WL)	1 (2.9)	4 (11.1)		3 (6.3)	6 (15.8)	
All			0.542			0.270
Vainilla cookies and pop corn (0 WL)	72 (80.9)	82 (85.4)		116 (85.9)	106 (82.2)	
Plain cookies and fried tortillas (1 WL)	13 (14.6)	9 (9.4)		16 (11.9)	15 (11.6)	
Chocolate filled cookies and puffed corn snack (2 WL)	4 (4.5)	5 (5.2)		3 (2.2)	8 (6.2)	

* Packaged food without warning labels, WL: Warning labels

Table S8. Differences by number of warning labels between the experimental and control group.

Outcome		β	se	p	95%CI	
Intention to purchase	0 vs 2 WL	0.157	0.262	0.549	-0.357	0.671
	1 vs 2 WL	0.358	0.273	0.189	-0.177	0.892
Identification of healthiest food	0 vs 2 WL	-0.619	0.480	0.197	-1.560	0.322
	1 vs 2 WL	-0.808	0.544	0.137	-1.874	0.258

WL: Warning labels.