Table 3 Sociodemographic characteristics of the students according to self-reported risky behaviour in terms of non-compliance with pedestrian road safety traffic rules (n = 953)

Sociodemographic characteristics	Non-compliant with road safety rules[a]				P-value	OR (95% CI)
	Yes (n = 184)		No (n = 769)			
	No.	%	No.	%		
Age (years)						
< 20	37	20.1	209	27.2	0.049	1.48 (1.00–2.19)
≥ 20 (ref.)	147	79.9	560	72.8		
Sex						
Male	80	43.5	281	36.5	0.081	0.75 (0.54–1.04)
Female (ref.)	104	56.5	488	63.5		
Residence						
Rural	103	56.0	446	58.0	0.619	1.08 (0.79–1.50)
Urban (ref.)	81	44.0	323	42.0		
College type						
Commerce	79	42.9	286	37.2	0.150	0.79 (0.57–1.09)
Medical/Science (ref.)	105	57.1	483	62.8		
Grade						
Junior	68	37.0	271	35.2	0.662	1.08 (0.77–1.50)
Senior (ref.)	116	63.0	498	64.8		
Place of living						
With family	166	92.2	726	94.4	0.039	1.83 (1.03–3.26)
Away from family (ref.)	18	7.8	43	5.6		
Student-parent relationship						
Bad (ref.)	98	53.3	384	49.9	0.418	1.14 (0.83–1.58)
Good	86	46.7	385	50.1		
Peers always disobey traffic rules						
Yes (ref.)	11	6.0	17	2.2	0.007	2.80 (1.29–6.09)
No	173	94.0	752	97.8		
Religious commitment						
Yes	85	46.2	370	48.1	0.640	1.08 (0.78–1.49)
No (ref.)	99	53.8	399	51.9		
Substance use						
Yes (ref.)	43	23.4	7	0.9	< 0.001	33.2 (14.6–75.3)
No	141	76.6	762	91.1		

[a]Non-compliance with any of the 4 rules: always looking both ways before crossing the street; always waiting for green signal to cross; never walking in the road; or never walking in the sidewalk.

(ref.) – reference category.

OR – odds ratio; CI – Confidence interval