

Table 4 Results of the multivariate logistic regression analysis of lifetime waterpipe use in adolescents using the sociodemographic variables in a backward regression model

Variable	Adjusted OR (95% CI)	
	Females	Males
Age (years)		
15	n/s	1 (ref.)
16		1.34 (0.65–2.79)
17		1.58 (0.75–3.35)
18		5.12 (2.43–10.82)**
Parental control		
Intermediate	n/s	1 (ref.)
High		0.62 (0.30–1.90)
Low		2.32 (1.17–4.60)**
Parental supervision		
Intermediate	1 (ref.)	1 (ref.)
Very high	0.36 (0.15–0.92)*	2.51 (1.10–6.30)*
High	1.07 (0.61–1.89)	1.45 (0.77–2.72)
Low	1.21 (0.68–2.16)	3.47 (1.63–7.42)**
Very low	2.42 (1.21–4.43)*	1.05 (0.42–2.65)
Use of punishment		
No	1 (ref.)	n/s
Yes	0.51 (0.32–0.81)**	
History of consultation		
No	1 (ref.)	1 (ref.)
Yes	0.54 (0.32–0.93)*	1.81 (1.06–3.09)*
Having waterpipe user(s) among family		
No	1 (ref.)	1 (ref.)
Yes	3.43 (2.24–5.24)**	2.72 (1.57–4.70)**
Having waterpipe user(s) among friends		
No	1 (ref.)	1 (ref.)
Yes	2.82 (1.86–4.29)**	3.81 (2.07–7.03)**

\*P ≤ 0.05; \*\*P ≤ 0.01.

n/s = not significant in model; OR = odds ratio; CI = confidence interval.