

Table 1 Univariate analysis of correlating factors for cigarette and waterpipe smoking contemplation

	Cigarette contemplation			Waterpipe contemplation		
	No	Yes	OR (95% CI)	No	Yes	OR (95% CI)
Sex						
Female	2620 (97.4)	70 (2.6)	1	2405 (89.5)	282 (10.5)	1
Male	2456 (91.4)	230 (8.6)	3.49 (2.88–4.60)	2090 (77.8)	596 (22.2)	2.43 (2.08–2.78)
Maternal education, yr						
0–5	2268 (94.9)	123 (5.1)	1	2049 (85.7)	343 (14.3)	1
6–12	1856 (95.1)	97 (4.9)	0.83 (0.92–1.85)	1608 (82.6)	340 (17.4)	1.06 (0.86–1.31)
> 12	754 (92.3)	63 (7.7)	1.59 (1.14–2.21)	670 (81.6)	151 (18.4)	1.34 (1.09–1.66)
Paternal education, yr						
0–5	1799 (94.4)	106 (5.6)	1	1640 (86.0)	267 (14.0)	1
6–12	2025 (95.5)	95 (4.5)	0.86 (0.93–1.70)	1761 (83.3)	353 (16.7)	1.17 (0.97–1.41)
> 12	1040 (93.1)	78 (6.9)	1.59 (1.16–2.15)	907 (81.0)	213 (19.0)	1.44 (1.18–1.75)
Parental smoking						
No	2435 (95.8)	150 (4.2)	1	3126 (87.1)	461 (12.9)	1
Yes	1625 (91.6)	149 (8.4)	2.10 (1.66–2.65)	1354 (76.5)	415 (23.5)	2.07 (1.79–2.40)
Depression						
Low	2696 (96.7)	93 (3.3)	1	2404 (86.5)	376 (13.5)	1
High	2172 (91.7)	196 (8.3)	2.61 (2.03–3.37)	1903 (80.2)	470 (19.8)	1.57 (1.36–1.83)
Risky behaviour						
Low	3411 (97.8)	78 (2.2)	1	3130 (89.8)	357 (10.2)	1
High	1561 (88.0)	212 (12.0)	5.95 (4.54–7.75)	1272 (71.8)	500 (28.2)	3.44 (2.96–4.0)
Family conflict						
Low	2298 (97.3)	63 (2.7)	1	2102 (89.0)	259 (11.0)	1
High	2728 (91.0)	269 (9.0)	3.51 (2.71–4.56)	2305 (76.9)	692 (23.1)	2.43 (2.09–2.82)
Smoking attitude						
More positive	2810 (97.7)	66 (2.3)	1	2573 (89.6)	300 (10.4)	1
Less positive	2133 (90.5)	224 (9.5)	4.47 (3.37–5.91)	1798 (76.3)	557 (23.7)	2.65 (2.28–3.09)
Self-efficacy						
Low	1275 (90.9)	127 (9.1)	1	1112 (79.4)	289 (20.6)	1
Medium	2413 (95.5)	113 (4.5)	0.80 (0.55–1.18)	2146 (85.0)	379 (15.0)	0.83 (0.67–1.03)
High	977 (96.4)	37 (3.6)	0.38 (0.26–0.55)	886 (87.2)	130 (12.8)	0.56 (0.45–0.70)

CI = confidence interval; OR = odds ratio.

Bold numbers with $P < 0.05$.