

**Table 2 Association of demographic and waterpipe smoking characteristics with dual use (waterpipe and cigarettes): logistics regression analyses**

Variable	Model 1 (unadjusted)	Model 2 (adjusted <sup>b</sup> )
	OR (95% CI)	OR <sup>a</sup> (95% CI)
<b>Demographic characteristics</b>		
Age	0.41 (0.24–0.72)**	0.36 (0.19–0.70)**
Sex		
Female	1.00	–
Male	1.09 (0.68–1.75)	–
<b>Marital status</b>		
Married	1.00	–
Other (unmarried, divorced, widowed)	0.83 (0.50–1.37)	–
<b>Educational level</b>		
No formal education	1.00	1.00
Primary	1.43 (0.93–2.21)	1.41 (0.87–2.27)
Middle	2.23 (1.36–3.64)**	2.01 (1.15–3.50)*
Secondary or higher	1.67 (0.97–2.89)	1.73 (0.90–3.34)
<b>Occupation</b>		
Professional, clerical or sales	1.00	1.00
Skilled or unskilled manual	1.82 (0.87–3.80)	1.44 (1.06–5.60)*
Domestic service	1.31 (0.67–2.56)	2.20 (1.01–4.78)*
Agricultural	1.56 (0.85–2.86)	2.32 (1.16–4.64)*
Daily wage earner	2.28 (1.06–4.93)*	3.30 (1.39–7.82)**
Other <sup>c</sup>	3.09 (1.38–6.94)**	5.39 (2.16–13.41)***
<b>Waterpipe smoking history</b>		
Daily use		
All day (continuously for several hours)	1.00	1.00
Less than all day	2.20 (1.45–3.32)***	2.71 (1.73–4.25)***
Session length	0.74 (0.54–1.00)*	0.73 (0.52–1.01)
Smoking duration	0.99 (0.79–1.25)	–
Age at starting smoking	0.95 (0.93–0.97)***	0.95 (0.93–0.98)***
LWDS score	0.97 (0.93–1.01)	–
<b>Waterpipe quit history</b>		
<b>Previous quit attempt</b>		
No	1.00	–
Yes	1.47 (0.94–1.31)	–
<b>Number of quit attempts</b>	1.03 (0.54–1.95)	–
<b>Time since last quit attempt (years)</b>	0.98 (0.72–1.34)	–
<b>Longest abstinence length (years)</b>	0.98 (0.52–1.84)	–

LWDS: Lebanon Waterpipe Dependence Scale, OR: odds ratio, CI: confidence interval.

\* $P < 0.05$ , \*\* $P < 0.01$ , \*\*\* $P < 0.001$ .

<sup>c</sup>Other occupations, unemployed, retired or student.

<sup>b</sup>Adjusted for all variables in the model.