

Table 1 Simple and multivariable logistic regressions for dental services utilization adjusted for intracluster correlation

Variable	Values	Unadjusted OR (95% CI)	P	Adjusted OR* (95% CI)	P
	Mean (SD)				
Respondents' age (years)	38.30 (6.40)	1.04 (1.02–1.07)	< 0.001	1.04 (1.02–1.06)	< 0.001
	No. (%)				
Educational level					
Read and write/Primary (Ref)	74 (23.8)				
Intermediate/Secondary	94 (30.2)	0.93 (0.34–2.53)	0.901	1.02 (0.33–3.10)	0.967
College/University	143 (46.0)	1.86 (1.14–3.03)	0.013	1.32 (0.70–2.47)	0.385
Children in the family					
1 (Ref)	12 (3.8)				
2	102 (32.3)	0.34 (0.07–1.63)	0.180	0.55 (0.17–1.80)	0.328
3	113 (35.8)	0.22 (0.03–1.31)	0.097	0.33 (0.08–1.28)	0.111
4	58 (18.4)	0.18 (0.02–1.16)	0.072	0.24 (0.05–1.00)	0.050
> 4	31 (9.8)	0.18 (0.03–0.85)	0.031	0.18 (0.04–0.81)	0.025
Monthly family income (Lebanese pounds^b)					
< 1 000 000 (Ref)	134 (44.8)				
≥ 1 000 000	165 (52.2)	2.28 (1.42–3.66)	< 0.001	1.63 (0.89–2.98)	0.108
School type					
Public (Ref)	151 (47.8)				
Private	165 (52.2)	2.69 (1.71–4.23)	< 0.001	2.00 (1.08–3.95)	0.027
Have medical insurance					
No (Ref)	100 (33.0)				
Yes	203 (67.0)	1.99 (1.35–2.93)	< 0.001	0.94 (0.54–1.65)	0.84
Perception of oral health compared with general health					
Less important (Ref)	52 (17.4)				
As important/more important	247 (82.6)	2.13 (1.01–4.52)	0.047	1.02 (0.01–1.65)	0.905
Awareness of dental care centres offering affordable services					
No (Ref)	157 (52.9)				
Yes	140 (47.1)	1.99 (1.25–3.19)	0.004	3.18 (1.52–6.68)	0.002

OR: odds ratio; CI: confidence interval; SD: standard deviation; Ref: reference category.

*Adjusted for all other variables in the multivariable analysis.

^bUS\$ 1 = 1500 Lebanese pounds.