

Table 3 Predictors of caries, severe caries and gingivitis from multivariate logistic regression models^a

Factor	Caries (tDMFT ≥ 1)	Severe caries (tDMFT > 4)	Gingivitis
	OR (95% CI)	OR (95% CI)	OR (95% CI)
Sex: male/female	1.85 (1.36–2.51)	1.76 (1.31–2.37)	
Age: < 11/≥ 11 (years)	0.672 (0.49–0.91)		0.48 (0.32–0.73)
No. of visits to dentist			
Twice a year/Toothache occasions	1.59 (1.01–2.52)		
Twice a year/Never	1.55 (1.03–2.34)		
Reason for not visiting dentist			
None/Afraid of dentist or treatment	1.34 (1.14–1.86)		0.45 (0.20–0.89)
None/I didn't think my dental trouble was serious enough	1.43 (1.20–1.92)		
Frequency of tooth brushing			
More than twice a day/once a week	2.72 (1.20–6.17)		2.87 (1.06–8.25)
More than twice a day/2–3 times a week			0.02 (0.01–0.15)
Who taught you how to brush			
Dentist/No-one		2.35 (1.80–2.65)	
Frequency of flossing			
More than twice a day/Never		1.82 (1.02–2.51)	
More than twice a day/Don't know what dental floss is			3.51 (1.46–8.44)
Do you use the mouth-rinse that school has provided?			
Yes/No		1.70 (1.03–2.81)	
Yes/They did not give it out this year	1.44 (1.24–3.29)	1.93 (1.21–3.06)	
Yes/It is finished and I did not substitute it	1.73 (1.10–2.72)		

^aResults are shown for variables with statistically significant association with ≥ 1 outcomes in the backward stepwise logistic regression model.

tDMFT = total decayed, missing and filled teeth; CI = confidence interval; OR = odds ratio.