

Table 5 Multiple regression analysis using CPI scores as dependent variables

Dependent variables	Explanatory variables	Unstandardized coefficients		Standardized coefficients	t	P	95% CI for B	
		B	SE	b			Lower	Upper
Healthy periodontal conditions	Age 15 years	-0.049	0.012	-0.044	-3.978	0.000	-0.073	-0.025
	Public School	-0.453	0.040	-0.135	-11.403	0.000	-0.531	-0.375
	Sex	-0.131	0.037	-0.039	-3.574	0.000	-0.203	-0.059
	Smoking	0.217	0.057	0.042	3.810	0.000	0.105	0.329
	Location (ref: rural)							
	Urban	0.749	0.066	0.157	11.313	0.000	0.619	0.879
	Suburban	-0.240	0.047	-0.070	-5.120	0.000	-0.332	-0.148
Gingival bleeding on probing	Age 15 years	-0.100	0.016	-0.073	-6.415	0.000	-0.131	-0.070
	Public school	0.221	0.051	0.053	4.371	0.000	0.122	0.320
	Sex	-0.064	0.046	-0.016	-1.381	0.167	-0.155	0.027
	Location (ref: rural)							
	Urban	0.093	0.084	0.016	1.101	0.271	-0.072	0.258
		Suburban	-0.153	0.060	-0.036	-2.572	0.010	-0.270
Calculus on bleeding	Age 15 years	0.126	0.019	0.076	6.740	0.000	0.089	0.163
	Public school	0.267	0.060	0.053	4.433	0.000	0.149	0.385
	Sex	0.182	0.056	0.037	3.279	0.001	0.073	0.291
	Smoking	-0.178	0.086	-0.023	-2.064	0.039	-0.348	-0.009
	Location (ref: rural)							
	Urban	-0.766	0.100	-0.107	-7.633	0.000	-0.963	-0.570
	Suburban	0.350	0.071	0.068	4.920	0.000	0.210	0.489
Periodontal pockets 4-5 mm	Age 15 years	0.023	0.002	0.131	11.513	0.000	0.019	0.027
	Public school	-0.001	0.007	-0.002	-0.126	0.900	-0.014	0.012
	Sex	0.012	0.006	0.023	2.039	0.041	0.000	0.024
	Smoking	-0.018	0.009	-0.022	-1.955	0.050	-0.037	-0.022
	Location (Ref: rural)							
	Urban	-0.004	0.011	-0.005	-0.346	0.730	-0.025	0.018
	Suburban	0.013	0.008	0.024	1.747	0.081	-0.002	0.029

CI = confidence interval; CPI = Community Periodontal Index; SE = standard error.