

Table S1: Detailed Descriptive Statistics of Caries Risk Factors Across Risk Categories (Low, Moderate, and High-Risk Groups)

Variable	Low-Risk Mean (SD) & N(%)	Moderate Mean (SD) & N(%)	High-Risk Mean (SD) & N(%)
Behavioural Factors			
Number of times brushing per day	2.45(0.71)	2.22(0.56)	2.17(0.50)
Smoking Status			
No (%)	939 (93.81%)	852 (84.95%)	891 (84.06%)
Yes (%)	62 (6.19%)	151 (15.05%)	169 (15.94%)
Cigarette frequency for smokers (per day)	0.42(2.11)	1.37(4.39)	1.14(4.44)
Fluoride Toothpaste Usage			
No fluoride (%)	30 (3.0%)	24 (2.39%)	55 (5.19%)
<500ppm (%)	5 (0.5%)	8 (0.8%)	12 (1.13%)
500-1500ppm (%)	966 (96.5%)	971 (96.81%)	993 (93.68%)
Sugary Foods or Drinks Consumption			
<3/day (%)	879 (87.81%)	577 (57.53%)	706 (66.6%)
3-5x/day (%)	122 (12.19%)	399 (39.78%)	263 (24.81%)
>5/day (%)	0 (0.0%)	27 (2.69%)	91 (8.58%)
Environmental Factors			
Type of Water Filter			
Reverse Osmosis (%)	202 (20.18%)	160 (15.95%)	260 (24.53%)
Deionized Water (%)	83 (8.29%)	138 (13.76%)	89 (8.4%)
Others (%)	252 (25.17%)	271 (27.02%)	279 (26.32%)
Not Sure (%)	228 (22.78%)	293 (29.21%)	263 (24.81%)
No Water Filter (%)	236 (23.58%)	141 (14.06%)	169 (15.94%)
Drink from Commercialized Bottled Water			
No (%)	726 (72.53%)	434 (43.27%)	460 (43.4%)
Yes (%)	275 (27.47%)	569 (56.73%)	600 (56.6%)
Socioeconomic Factor			
Education Level			
No Education (%)	7 (0.7%)	6 (0.6%)	11 (1.04%)
Still in School (%)	38 (3.8%)	51 (5.08%)	49 (4.62%)
SPM* & equivalent (%)	131 (13.09%)	134 (13.36%)	216 (20.38%)
STPM** & equivalent (%)	104 (10.39%)	103 (10.27%)	103 (9.72%)
Diploma (%)	135 (13.49%)	222 (22.13%)	203 (19.15%)

Bachelor's Degree (%)	410 (40.96%)	420 (41.87%)	412 (38.87%)
Master's Degree (%)	131 (13.09%)	47 (4.69%)	58 (5.47%)
PhD (%)	45 (4.5%)	20 (1.99%)	8 (0.75%)
Biological Factors			
Carious Lesions or Restorations (past 36 months)			
No new caries or fillings (%)	900 (89.91%)	213 (21.24%)	0 (0.0%)
1 or 2 caries or fillings (%)	101 (10.09%)	655 (65.3%)	43 (4.06%)
≥3 caries or fillings (%)	0 (0.0%)	135 (13.46%)	1017 (95.94%)
Teeth Missing Due to Caries (past 36 months)			
No (%)	911 (91.01%)	907 (90.43%)	717 (67.64%)
Yes (%)	90 (8.99%)	96 (9.57%)	343 (32.36%)
Visible Plaque			
No (%)	344 (34.37%)	157 (15.65%)	80 (7.55%)
Yes (%)	657 (65.63%)	846 (84.35%)	980 (92.45%)
Plaque Score	22.63(14.21)	34.45(18.50)	41.63(17.49)

*SPM (Sijil Pelajaran Malaysia) refers to the Malaysian Certificate of Education (comparable to a high school–leaving qualification).

**STPM (Sijil Tinggi Persekolahan Malaysia) is the Malaysian Higher School Certificate (similar to A-levels in other education systems).