

Oral Health Status in the Pars Cohort Study

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Supplementary file 1

Variables	n (%)	Men		Women	
		40–59 years	≥ 60 years	40–59 years	≥ 60 years
Marital status					
Never married	297 (3.2)	39 (1.2)	11 (1.1)	218 (5.8)	29 (2.4)
Married	8210 (88.7)	3216 (98.1)	957 (96.2)	3233 (86.1)	804 (65.3)
Widowed or divorced	752 (8.2)	24 (0.7)	27 (2.7)	302 (8.1)	399 (32.4)
Ethnicity					
Persian	5215 (56.3)	1833 (55.9)	534 (53.7)	2163 (57.6)	685 (55.6)
Non Persian	4047 (43.7)	1447 (44.1)	461 (46.3)	1591 (42.4)	548 (44.4)
Education class					
Illiterate	4538 (49.0)	704 (21.5)	632 (63.5)	2022 (53.9)	1180 (95.9)
Less than diploma	4436 (47.9)	2316 (70.7)	363 (36.5)	1715 (45.7)	49 (4.0)
University degree	281 (3.0)	258 (7.9)	5 (0.5)	16 (0.4)	2 (0.2)
Cig. ever used					
No	7345 (79.3)	1803 (55.0)	599 (60.2)	3727 (99.3)	1216 (98.6)
Yes	1917 (20.7)	1477 (45.0)	396 (39.8)	27 (0.7)	17 (1.4)
Cig. current use					
No	7953 (86.0)	2232 (68.2)	775 (77.9)	3725 (99.4)	1221 (99.1)

Yes	1296 (14.0)	1042 (31.8)	220 (22.1)	23 (0.6)	11 (0.9)
Opiate ever used					
No	8488 (91.6)	2672 (81.5)	860 (86.4)	3732 (99.4)	1224 (99.3)
Yes	774 (8.4)	698 (18.5)	135 (13.6)	22 (0.6)	9 (0.7)
Tobacco ever used					
No	5626 (62.0)	2444 (74.6)	538 (60.9)	2149 (57.4)	495 (42.5)
Yes	3443 (38.0)	832 (25.4)	345 (39.1)	1597 (42.6)	669 (57.5)
Physical activity					
Low	3060 (33.0)	714 (21.8)	320 (32.2)	1343 (35.8)	683 (55.4)
Medium	3056 (33.0)	854 (26.0)	319 (32.1)	1513 (40.3)	370 (30.0)
High	3146 (34.0)	1712 (52.2)	356 (35.8)	898 (23.9)	180 (14.6)
SES					
Low	2408 (26.1)	668 (20.4)	304 (30.6)	982 (26.3)	454 (37.0)
Middle-low	2490 (27.0)	775 (23.7)	316 (31.9)	989 (26.5)	410 (33.4)
Middle-high	2043 (22.1)	811 (24.8)	203 (20.5)	808 (21.6)	221 (18.0)
High	2291 (24.8)	1020 (31.2)	169 (17.0)	959 (25.7)	143 (11.6)
SES, socioeconomic status. *Data are presented as frequency and percentage. Numbers may not add up to the total numbers due to a few missing data.					

Table S2. Generalized Negative Binominal Regression Analysis of Factors Associated with DMFT, Tooth loss, Tooth Decay and Filled Teeth in Pars Cohort Study.*

Variable	DMFT	Missing teeth	Tooth decay	Filled teeth
Age				
40–59 years	Ref	Ref	Ref	Ref
≥ 60 years	1.45 (1.42, 1.49)	1.70 (1.64, 1.76)	1.67 (1.53, 1.82)	0.33 (0.26, 0.40)
Gender				
Male	Ref	Ref	Ref	Ref
Female	1.02 (1.00, 1.04)	1.09 (1.06, 1.13)	0.66 (0.61, 0.70)	1.06 (0.93, 1.22)
Ethnicity				
Persian	Ref	Ref	—	—
Non Persian	1.08 (1.05, 1.10)	1.09 (1.05, 1.12)	—	—
Education**	1.36 (1.33, 1.39)	1.59 (1.54, 1.64)	1.48 (1.38, 1.58)	0.24 (0.21, 0.28)
Brushing frequency				
Daily	Ref	Ref	Ref	Ref
Less than daily	1.12 (1.09, 1.15)	1.07 (1.03, 1.11)	2.04 (1.89, 2.19)	0.94 (0.81, 1.09)
Cigarette ever used	1.12 (1.09, 1.15)	1.10 (1.06, 1.15)	—	—
Cigarette current use	1.15 (1.11, 1.19)	1.12 (1.07, 1.17)	2.19 (2.00, 2.41)	0.77 (0.62, 0.95)
Opiate ever used	1.20 (1.15, 1.25)	1.20 (1.13, 1.27)	2.19 (1.93, 2.48)	—
Tobacco ever used	1.14 (1.11, 1.16)	1.22 (1.18, 1.26)	1.11 (1.04, 1.19)	0.54 (0.46, 0.62)
Physical activity***	1.01 (0.99, 1.02)	0.98 (0.96, 1.00)	1.82 (1.68, 1.97)	0.54 (0.45, 0.63)
Socioeconomic status				
High	Ref	Ref	Ref	Ref
Middle-high	1.09 (1.06, 1.13)	1.14 (1.09, 1.20)	1.27 (1.15, 1.39)	0.41 (0.35, 0.49)
Middle-low	1.20 (1.17, 1.24)	1.30 (1.24, 1.36)	1.64 (1.50, 1.80)	0.25 (0.21, 0.30)
Low	1.26 (1.22, 1.30)	1.38 (1.32, 1.44)	1.87 (1.70, 2.05)	0.12 (0.10, 0.15)

DMFT, missing and filled teeth.

*Data are presented as crude IRR (CI), IRR: incidence rate ratio, CI: confidence interval.

**For each lower level of education IRR is written (being illiterate vs less than diploma vs university degree).

***For each higher level of physical activity IRR is written (high vs medium vs low).