

Table 1 Demographic and environmental associations with waterpipe tobacco and cigarette smoking among Taibah University students

Participant characteristic	Waterpipe tobacco					Cigarettes			
	N (%)	Current use		Ever use		Current use		Ever use	
		%	P	%	P	%	P	%	P
College									
Basic sciences	451 (46.4)	25.6	0.252	33.1	0.167	29.3	0.062	32.0	0.011
Medical sciences	164 (16.9)	33.1		43.1		40.5		42.0	
Engineering	170 (17.5)	22.0		40.0		33.1		42.6	
Humanities	186 (19.2)	25.0		33.3		29.9		34.9	
Year									
1	114 (12.0)	17.4	< 0.001	24.1	< 0.001	31.0	0.012	39.5	< 0.001
2	138 (14.5)	29.5		36.8		34.1		41.3	
3	223 (23.5)	32.0		45.4		32.2		45.7	
4	193 (20.3)	28.5		34.9		30.5		36.8	
5	223 (24.6)	18.1		22.4		25.0		28.8	
6	48 (5.1)	57.9		87.2		48.9		72.9	
Age, years									
> 21	185 (17.5)	23.6	0.005	33.9	0.173	23.0	0.002	33.5	0.002
22	163 (15.5)	28.7		35.5		31.9		39.3	
23	196 (18.6)	38.4		46.8		41.3		48.0	
24	175 (16.6)	25.7		32.6		32.0		39.4	
25	128 (12.1)	29.6		38.9		29.9		38.3	
≥ 26	208 (19.7)	18.4		34.4		38.5		52.4	
Sex									
Male	793 (74.3)	25.5	0.100	34.8	0.010	36.8	0.005	44.0	0.153
Female	274 (25.7)	31.5		44.7		27.3		39.1	
Paternal education									
Did not complete high school	238 (23.2)	25.7	0.208	32.4	< 0.001	36.4	0.197	45.4	0.001
Completed high school	346 (33.7)	24.5		30.1		29.6		33.5	
Completed college or higher	442 (43.1)	30.7		42.1		33.9		45.7	
Monthly household income, SAR^a									
0–5000	424 (40.7)	22.3	< 0.001	26.6	< 0.001	31.5	< 0.001	36.6	< 0.001
5001–9000	374 (35.9)	20.0		36.9		28.2		39.8	
≥ 9001	245 (23.5)	43.5		53.0		46.5		56.3	
No. of others living at home									
0–4	420 (39.3)	18.0	< 0.001	26.7	< 0.001	34.1	0.806	40.7	0.548
5–6	385 (29.5)	32.2		42.4		33.2		43.2	
≥ 7	334 (31.2)	33.5		45.6		35.6		44.6	
Pocket money spent monthly, SAR^b									
0–500	274 (26.0)	11.8	< 0.001	15.7	< 0.001	17.5	< 0.001	21.9	< 0.001
501–1000	256 (24.3)	26.4		42.5		31.5		46.9	
1001–2000	277 (26.3)	37.2		46.3		51.8		52.0	
≥ 2001	247 (23.4)	32.3		43.8		36.9		44.1	
Urban dwelling									
City	982 (92.4)	26.2	0.185	35.8	0.027	33.5	0.175	41.6	0.116
Village	81 (7.6)	34.6		50.9		41.0		50.6	
Living arrangement									
With parents	951 (89.6)	24.2	< 0.001	33.3	< 0.001	32.1	< 0.001	40.1	< 0.001
Other	110 (10.4)	50.7		71.4		50.9		62.7	

^aCalculated using χ^2 analyses comparing proportion of users in each sociodemographic category.

^bValues may not add up to 100 due to rounding.

^cSAR1 = US\$ 0.37