Table 4 Risk factors for smoking in King Saud University students, 2009

Variable	Smoking status		OR	95% CI	*P*-value
	Smoker	Non-smoker			
Sex					
Male	778	1603	7.8	6.5–9.2	< 0.001
Female	181	2891			
Marital status					
Single	897	3988	1.8	1.3–2.4	< 0.001
Married	57	454	1.0		–
Divorced/widowed	11	48	1.8	0.8–3.9	0.14
College					
Health-related	309	1482	2.1	1.2–3.9	0.018
Non-health-related	652	2856	2.3	1.3–4.4	0.004
Islamic studies	13	134	1.0		–
Year of study					
1st	145	905	1.0		–
2nd	178	1046	1.1	0.8–1.3	0.66
3rd	204	945	1.3	1.1–1.7	0.01
4th	186	877	1.3	1.0–1.7	0.02
5th	128	308	2.6	2.0–3.4	< 0.001
6th	57	118	3.0	2.1–4.4	< 0.001
Father's education status					
Neither reads nor writes	70	287	1.2	0.9–1.7	0.27
Reads and writes	63	262	1.2	0.8–1.7	0.33
Elementary school	79	321	1.2	0.9–1.7	0.25
Middle school	106	486	1.1	0.8–1.5	0.56
High school	203	979	1.0	0.8–1.3	0.84
Undergraduate	293	1463	1.0	0.8–1.2	0.98
Graduate	135	672	1.0		–
Mother's education status					
Neither reads nor writes	133	538	0.9	0.6–1.4	0.8
Reads and writes	135	510	1.0	0.7–1.5	0.9
Elementary school	115	569	0.8	0.5–1.1	0.2
Middle school	103	525	0.7	95.5–1.1	*P*-0.16
High school	199	1030	0.7	0.5–1.1	0.11

Undergraduate	225	1107	0.8	0.5–1.1	0.18
Graduate	40	149	1.0		–
Father smokes					
Yes	304	904	1.8	1.6–2.2	< 0.001
No	643	3529			
Mother smokes					
Yes	45	78	2.8	1.9–4.1	< 0.01
No	897	4308			
Brother smokes					
Yes	408	1986	0.9	0.8–1.04	0.17
No	578	2544			
Sister smokes					
Yes	383	425	6.1	5.2–7.2	< 0.01
No	602	4106			
Friends smoke					
None	86	2752	1.0		–
Some	259	1301	8.8	6.8–11.4	< 0.001
Most	407	296	44.0	33.6–57.7	< 0.001
All	85	36	75.5	473.0 120.9	< 0.001

OR = odds ratio; CI = confidence interval.