

Table 5 Possible effect modification of the association between peer pressure and smoking status of the sample of King Saud University students, 2009

Student variable/peer pressure	Smoking status		OR	95% CI	P-value (chi squared test)	P-value (Breslow-Day test)
	Yes	No				
Male						
Some/most/all friends smoke	713	1209	6.6	4.4-9.9	< 0.001	0.009
No friends smoke	29	325	1.0			
Female						
Some/most/all friends smoke	118	414	12.7	8.9-18.1	< 0.001	
No friends smoke	54	2407	1.0			
Father smokes: yes						
Some/most/all friends smoke	276	350	29.2	16.4-53.1	< 0.001	0.02
No friends smoke	14	519	1.0			
Father smokes: no						
Some/most/all	545	1246	14.2	10.9-18.7	< 0.001	
No friends smoke	67	2181	1.0			
Brother smokes: yes						
Some/most/all friends smoke	342	937	7.9	5.7-11.2	< 0.001	
None	45	983	1.0			< 0.001
Brother smokes: no						
Some/most/all friends smoke	509	695	31.6	22.4-44.6	< 0.001	
No friends smoke	41	1768	1.0			
Year of study: 1st to 4th year						
Some/most/all	595	1307	13.9	10.8-17.0	< 0.001	0.002
No friends smoke	77	2351	1.0			
Year of study: 5th and 6th year						
Some/most/all friends smoke	180	200	97.6	23.5-208.8	< 0.001	
No friends smoke	2	217	1.0			

OR = odds ratio; CI = confidence interval.