

Table 3 Results of stepwise logistic regression of factors affecting tobacco use among school students, Dubai, 2010

| Independent variables | β | <i>P</i>-value | OR | 95% CI |
|------------------------------|---------------------------|-----------------------|-----------|---------------|
| Age | 0.272 | < 0.001 | 1.31 | 1.20–1.43 |
| Sex | 1.423 | < 0.001 | 4.15 | 3.03–5.69 |
| Family history of smoking | 0.502 | < 0.001 | 1.65 | 1.24–2.19 |
| School grade | 0.407 | 0.004 | 1.50 | 1.14–1.98 |
| Nationality | 0.558 | < 0.001 | 1.75 | 1.31–2.33 |
| Knowledge score | -0.160 | < 0.001 | 0.85 | 0.78–0.93 |
| Type of school | 0.461 | 0.008 | 1.59 | 1.13–2.23 |
| Constant | -6.622 | < 0.001 | 0.001 | |

OR – odds ratio; *CI* – confidence interval; β – regression coefficient.