

Table 2. Logistic regression with intentions to quit as outcome.

|  | Intentions to quit    |                      |                                  |                      |
|--|-----------------------|----------------------|----------------------------------|----------------------|
|  | Univariate regression |                      | Multivariable regression (n=874) |                      |
|  | OR (95% CI)           | P value <sup>a</sup> | OR (95% CI)                      | P value <sup>a</sup> |
| <b>Age groups, years</b>   |                       |                      |                                  |                      |
| 15–34 (reference)  |                       |                      |                                  |                      |
| 35–49  | 0.55 (0.37–0.82)      | <b>0.003</b>         |                                  |                      |
| 50–65  | 0.45 (0.28–0.72)      | <b>0.001</b>         |                                  |                      |
| <b>Sex</b>   |                       |                      |                                  |                      |
| Female (reference)   |                       |                      |                                  |                      |
| Male   | 0.84 (0.53–1.33)      | 0.459                |                                  |                      |
| <b>Ethnicity</b>   |                       |                      |                                  |                      |
| Chinese (reference)  |                       |                      |                                  |                      |
| Malay  | 1.73 (1.21–2.45)      | <b>0.002</b>         | 1.62 (1.004–2.61)                | <b>0.048</b>         |
| Indian   | 2.48 (1.69–3.64)      | <b>&lt;0.001</b>     | 2.59 (1.61–4.18)                 | <b>&lt;0.001</b>     |
| Others   | 2.50 (1.20–5.23)      | <b>0.014</b>         | 2.01 (0.84–4.82)                 | 0.117                |
| <b>Education</b>   |                       |                      |                                  |                      |
| Degree/professional qualification and postgraduate and above (reference) |                       |                      |                                  |                      |
| No formal education/primary  | 0.35 (0.17–0.73)      | <b>0.005</b>         | 0.33 (0.11–1.02)                 | 0.054                |
| Secondary school   | 0.43 (0.24–0.76)      | <b>0.004</b>         | 0.32 (0.14–0.69)                 | <b>0.004</b>         |
| Pre-tertiary education <sup>b</sup>                                      | 0.68 (0.39–1.16)      | 0.156                | 0.37 (0.17–0.80)                 | <b>0.011</b>         |
| <b>Marital status</b>  |                       |                      |                                  |                      |
| Married (reference)  |                       |                      |                                  |                      |
| Single   | 1.58 (1.08–2.32)      | <b>0.019</b>         | 0.92 (0.56–1.52)                 | 0.743                |
| Separated/ widowed/divorced  | 0.56 (0.28–1.15)      | 0.113                | 0.34 (0.17–0.69)                 | <b>0.003</b>         |
| <b>Have children</b>   |                       |                      |                                  |                      |
| Yes (reference)  |                       |                      |                                  |                      |
| No   | 1.44 (0.98–2.10)      | 0.060                |                                  |                      |
| <b>Employment</b>  |                       |                      |                                  |                      |
| Employed/self-employed (reference)                                       |                       |                      |                                  |                      |
| Economically inactive/students   | 0.73 (0.38–1.40)      | 0.349                |                                  |                      |
| Unemployed/temporarily laid off  | 1.37 (0.55–3.39)      | 0.495                |                                  |                      |
| <b>Personal income, SGD</b>  |                       |                      |                                  |                      |
| No income/below 2000 (reference)   |                       |                      |                                  |                      |
| 2000 to 3999   | 0.85 (0.55–1.31)      | 0.452                |                                  |                      |
| 4000 to 6999   | 0.60 (0.30–1.18)      | 0.137                |                                  |                      |
| 7000 and above   | 1.04 (0.51–2.12)      | 0.917                |                                  |                      |

Table 2. Logistic regression with intentions to quit as outcome. (Cont'd)

|   | Intentions to quit    |                      |                                  |                      |
|---|-----------------------|----------------------|----------------------------------|----------------------|
|   | Univariate regression |                      | Multivariable regression (n=874) |                      |
|   | OR (95% CI)           | P value <sup>a</sup> | OR (95% CI)                      | P value <sup>a</sup> |
| <b>Number of chronic conditions</b>                           |                       |                      |                                  |                      |
| 0 (reference)   |                       |                      |                                  |                      |
| 1   | 0.79 (0.51–1.21)      | 0.275                |                                  |                      |
| 2 or more   | 1.27 (0.79–2.05)      | 0.327                |                                  |                      |
| <b>Age of initiation to smoking</b>                           |                       |                      |                                  |                      |
| <18 years old (reference)                                     |                       |                      |                                  |                      |
| ≥18 years old   | 1.18 (0.79–1.77)      | 0.430                |                                  |                      |
| <b>Received advice from doctor to stop smoking</b>            |                       |                      |                                  |                      |
| No (reference)  |                       |                      |                                  |                      |
| Yes   | 1.56 (0.97–2.49)      | 0.066                |                                  |                      |
| <b>Nicotine dependence</b>                                    |                       |                      |                                  |                      |
| Very low (reference)  |                       |                      |                                  |                      |
| Low   | 0.42 (0.27–0.65)      | <b>&lt;0.001</b>     | 0.53 (0.31–0.89)                 | <b>0.017</b>         |
| Moderate to high  | 0.42 (0.25–0.69)      | <b>0.001</b>         | 0.53 (0.29–0.97)                 | <b>0.039</b>         |
| <b>Perceived risk of harm (smoke occasionally)</b>            |                       |                      |                                  |                      |
| No/little risk of harm (reference)                            |                       |                      |                                  |                      |
| Moderate/great risk of harm                                   | 1.88 (1.26–2.81)      | <b>0.002</b>         |                                  |                      |
| <b>Perceived risk of harm (smoke 1 or more packs per day)</b> |                       |                      |                                  |                      |
| No/little risk of harm (reference)                            |                       |                      |                                  |                      |
| Moderate/great risk of harm                                   | 1.60 (0.88–2.90)      | 0.125                |                                  |                      |
| <b>Previous attempt to quit</b>                               |                       |                      |                                  |                      |
| No (reference)  |                       |                      |                                  |                      |
| Yes   | 7.87 (4.95–12.52)     | <b>&lt;0.001</b>     | 8.15 (5.02–13.22)                | <b>&lt;0.001</b>     |

CI: confidence interval; OR: odds ratio

<sup>a</sup> P values in bold indicate statistical significance ( $P < 0.05$ ).

<sup>b</sup> Pre-tertiary education includes vocational institute/institute of technical education/pre-university/junior college/diploma/ International Baccalaureate