

Table 3. Univariate and multivariate analysis of smoking habit from birth until commencement of smoking

| Variables         | Item              | Univariate        |              |         | Multivariate      |              |         |
|-------------------|-------------------|-------------------|--------------|---------|-------------------|--------------|---------|
|                   |                   | Hazard rate ratio | 95%CI        | p value | Hazard rate ratio | 95%CI        | p value |
| Gender            | Male              | 1.00†             |              |         | 1.00†             |              |         |
|                   | Female            | 0.07              | (0.06, 0.07) | <0.001  | 0.06              | (0.06, 0.07) | <0.001  |
| Ethnicity         | Malay             | 1.00†             |              |         | 1.00†             |              |         |
|                   | Indigenous people | 1.14              | (1.02, 1.28) | <0.05   | 0.81              | (0.71, 0.91) | <0.001  |
|                   | Chinese           | 0.63              | (0.58, 0.69) | <0.001  | 0.53              | (0.48, 0.58) | <0.001  |
|                   | Indian            | 0.59              | (0.52, 0.68) | <0.001  | 0.41              | (0.36, 0.47) | <0.001  |
|                   | Others*           | 1.31              | (1.00, 1.70) | <0.05   | 0.98              | (0.74, 1.25) | 0.7597  |
| Betel quid chewer | No                | 1.00†             |              |         | 1.00†             |              |         |
|                   | Ex                | 2.53              | (2.02, 3.19) | <0.001  | 2.70              | (2.14, 3.40) | <0.001  |
|                   | Current           | 1.06              | (0.94, 1.21) | 0.3462  | 2.02              | (1.77, 2.30) | <0.001  |
| Alcohol drinker   | No                | 1.00†             |              |         | 1.00†             |              |         |
|                   | Current           | 3.22              | (2.90, 3.57) | <0.001  | 2.01              | (1.79, 2.25) | <0.001  |

† Reference category

\*Others: All other ethnic groups that does not fall into the stated categories, ie Orang Asli, etc