Supplementary Data

Supplemental Table 1: Sensitivity analysis comparing odds ratios estimated from a univariate model using all observations with data (OR1, n=150,767) versus odds ratios estimated from a univariate model using only observations with complete data (OR2, n= 80,433)

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| --- | --- | --- | --- | --- | --- | --- |
| **Demographic variable** | **Level** | **OR1** | **OR2** | **p value** | **p value** | **change in odds ratio (%)** |
| Age | per year | 1.0 | 1.0 | p<0.001 | p<0.001 | 0 |
| Sex | Male | - | - | - | - | - |
|  | Female | 1.2 | 1.2 | p<0.001 | p<0.001 | 0 |
| Marital status | Married (this refers to registered marriages) | - | - | - | - | - |
|  | Divorced | 3.6 | 3.3 | p<0.001 | p<0.001 | 8 |
|  | Never married | 3.0 | 2.8 | p<0.001 | p<0.001 | 7 |
|  | Separated but not divorced | 5.0 | 4.8 | p<0.001 | p<0.001 | 4 |
|  | Widowed | 1.2 | 1.0 | 0.017 | 0.64 | 18 |
| Born in Australia | Yes | - | - | - | - | - |
|  | No | 0.9 | 0.9 | 0.0015 | 0.015 | 0 |
| Household size (no. of people) | 1 | - | - | - | - | - |
|  | 2 | 0.6 | 0.6 | p<0.001 | p<0.001 | 8 |
|  | 3 | 0.8 | 0.8 | p<0.001 | 0.0061 | 8 |
|  | 4 | 0.5 | 0.6 | p<0.001 | p<0.001 | 21 |
|  | 5 | 0.6 | 0.7 | p<0.001 | 0.0013 | 23 |
|  | 6 | 0.8 | 0.9 | 0.031 | 0.61 | 12 |
|  | 7+ | 1.3 | 1.9 | 0.035 | p<0.001 | 47 |
| Level of education | Less than high school | - | - | - | - | - |
|  | High school | 0.8 | 0.8 | 0.0032 | 0.027 | 1 |
|  | TAFE Certificate or Diploma | 0.9 | 1.0 | 0.29 | 0.55 | 2 |
|  | Tertiary or higher | 0.5 | 0.5 | p<0.001 | p<0.001 | 4 |
|  | Other | 1.0 | 0.9 | 0.88 | 0.43 | 14 |
| Employment status | A salary or wage earner or conducting a business | - | - | - | - | - |
|  | Did not have a job | 1.8 | 1.7 | p<0.001 | p<0.001 | 5 |
| Household income | less than $20,000 | - | - | - | - | - |
|  | $20,000-$40,000 | 0.6 | 0.7 | p<0.001 | p<0.001 | 5 |
|  | $40,000-$60,000 | 0.4 | 0.4 | p<0.001 | p<0.001 | 16 |
|  | $60,000-$80,000 | 0.3 | 0.3 | p<0.001 | p<0.001 | 13 |
|  | More than $80,000 | 0.1 | 0.2 | p<0.001 | p<0.001 | 25 |
|  | Don’t know | 0.4 | 0.5 | p<0.001 | p<0.001 | 6 |
| Socio-economic disadvantage | 1st Quintile least disadvantaged | - | - | - | - | - |
|  | 2nd Quintile | 1.4 | 1.4 | p<0.001 | p<0.001 | 4 |
|  | 3rd Quintile | 1.7 | 1.6 | p<0.001 | p<0.001 | 8 |
|  | 4th Quintile | 2.1 | 1.8 | p<0.001 | p<0.001 | 14 |
|  | 5th Quintile most disadvantaged | 2.4 | 2.3 | p<0.001 | p<0.001 | 4 |
| Smoking status | I smoke daily | - | - | - | - | - |
|  | I smoke occasionally | 0.6 | 0.7 | p<0.001 | p<0.001 | 1 |
|  | I don’t smoke now, but I used to | 0.3 | 0.3 | p<0.001 | p<0.001 | 3 |
|  | I’ve tried it a few times but never smoked regularly | 0.3 | 0.2 | p<0.001 | p<0.001 | 1 |
|  | I’ve never smoked | 0.2 | 0.2 | p<0.001 | p<0.001 | 2 |
| Alcohol intake | I dont drink | - | - | - | - | - |
|  | I drink less than once per week | 1.0 | 1.0 | 0.57 | 0.6 | 0 |
|  | I drink weekly or more | 0.6 | 0.7 | p<0.001 | p<0.001 | 1 |
| Self rated health | Excellent | - | - | - | - | - |
|  | Very Good | 1.1 | 1.1 | 0.31 | 0.32 | 4 |
|  | Good | 1.5 | 1.6 | p<0.001 | p<0.001 | 7 |
|  | Fair | 2.3 | 2.5 | p<0.001 | p<0.001 | 7 |
|  | Poor | 4.2 | 4.9 | p<0.001 | p<0.001 | 16 |
|  | Very Poor | 5.1 | 5.6 | p<0.001 | p<0.001 | 8 |
| Remoteness | Major Cities | - | - | - | - | - |
|  | Remote/regional | 1.2 | 1.2 | p<0.001 | 0.0017 | 6 |

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