|  | Cancer            | No Cancer         |                                   | P-Value  | P-Value   | P-Value     |
|--|-------------------|-------------------|-----------------------------------|----------|-----------|-------------|
| Variable                               | OR (95% CI)       | OR (95% CI)       | Cancer No cancer                  | Cancer I | No Cancer | Interaction |
| Age                                    | 1.19 (1.12, 1.27) | 1.36 (1.32, 1.40) | . •                               | <0.01    | <0.01     | <0.01       |
| [35, 50)                               | 0.55 (0.35, 0.87) | 0.76 (0.62, 0.93) |                                   | 0.01     | <0.01     | 0.19        |
| [50,65)                                | 0.36 (0.23, 0.57) | 0.62 (0.48, 0.82) |                                   | <0.01    | <0.01     | 0.01        |
| [65+)                                  | 0.31 (0.19, 0.52) | 0.72 (0.50, 1.04) |                                   | <0.01    | 0.08      | <0.01       |
| Female sex                             | 0.72 (0.60, 0.87) | 0.68 (0.62, 0.76) |                                   | <0.01    | <0.01     | 0.65        |
| BMI                                    | 0.99 (0.98, 1.01) | 1.01 (1.01, 1.02) | -                                 | 0.23     | <0.01     | <0.01       |
| [10, 18.5)                             | 1.01 (0.38, 2.26) | 2.08 (1.34, 3.11) |                                   | 0.99     | <0.01     | 0.13        |
| [25,30)                                | 0.76 (0.59, 0.98) | 1.05 (0.90, 1.24) |                                   | 0.03     | 0.54      | 0.03        |
| [30,200)                               | 0.77 (0.61, 0.98) | 1.27 (1.10, 1.47) | . <del></del>                     | 0.03     | <0.01     | <0.01       |
| Race/Ethnicity                         |                   |                   | -                                 |          |           |             |
| African American/Non-Hispanic          | 1.53 (1.15, 2.01) | 1.55 (1.34, 1.79) | - <del></del>                     | <0.01    | <0.01     | 0.93        |
| Other/Unknown                          | 0.87 (0.63, 1.19) | 0.94 (0.80, 1.10) | - <del></del>                     | 0.39     | 0.45      | 0.67        |
| Alcohol consumption                    | 0.66 (0.53, 0.82) | 0.70 (0.62, 0.79) | . <del>•</del>                    | <0.01    | <0.01     | 0.62        |
| Smoking status                         |                   |                   | -                                 |          |           |             |
| Current                                | 1.11 (0.92, 1.34) | 1.19 (1.06, 1.33) | - <del>-</del>                    | 0.28     | <0.01     | 0.28        |
| Past                                   | 0.90 (0.57, 1.38) | 1.18 (0.96, 1.44) |                                   | 0.65     | 0.12      | 0.55        |
| Population density                     | 0.96 (0.87, 1.06) | 1.03 (0.97, 1.10) |                                   | 0.42     | 0.27      | 0.20        |
| Disadvantage Index (qrtl)              | 1.05 (0.96, 1.14) | 1.17 (1.12, 1.23) | -<br>                             | 0.30     | <0.01     | 0.02        |
| Affluence Index (qrtl)                 | 0.97 (0.88, 1.06) | 0.91 (0.85, 0.97) | . ◆:<br>- <b>□</b> -              | 0.47     | <0.01     | 0.19        |
| % Hispanic or foreign-born (qrtl)      | 1.00 (0.89, 1.13) | 0.97 (0.91, 1.04) | <b>♦</b>                          | 0.95     | 0.38      | 0.63        |
| % less than high school diploma (qrtl) | 1.04 (0.94, 1.16) | 1.15 (1.07, 1.23) |                                   | 0.44     | <0.01     | 0.09        |
| Comorbidity score                      | 1.43 (1.33, 1.53) | 1.34 (1.29, 1.39) | . <b>♦</b>                        | <0.01    | <0.01     | 0.12        |
| Respiratory diseases                   | 1.46 (1.15, 1.86) | 1.01 (0.90, 1.14) | - <b>-</b>                        | <0.01    | 0.80      | <0.01       |
| Circulatory diseases                   | 1.76 (1.24, 2.57) | 1.16 (1.02, 1.33) | -                                 | <0.01    | 0.03      | 0.03        |
| Type 2 diabetes                        | 1.22 (1.00, 1.49) | 1.29 (1.14, 1.46) | -<br>-<br>-                       | 0.04     | <0.01     | 0.65        |
| Kidney diseases                        | 2.10 (1.73, 2.54) | 2.50 (2.20, 2.84) |                                   | <0.01    | <0.01     | 0.12        |
| Liver diseases                         | 1.40 (1.09, 1.77) | 1.30 (1.09, 1.54) | - <del></del>                     | <0.01    | <0.01     | 0.63        |
| Autoimmune diseases                    | 1.20 (0.97, 1.49) | 1.09 (0.95, 1.24) | - <del></del>                     | 0.09     | 0.23      | 0.42        |
|  |                   |                   | 0.25 0.5 1 1.5 2 3<br>OR (95% CI) |          |           |             |