**SUPPLEMENTARY DATA**

**Supplemental Table 1: Model 2: Stratified Analysis**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Q2 | Q3 | Q4 | Q5 | P for trend | P for interaction |
| Non-smoker | 0.95  (0.82, 1.11) | 0.90  (0.77, 1.05) | 1.05  (0.91, 1.23) | 1.02  (0.87, 1.19) | 0.43 | 0.83 |
| Smoker | 1.08  (0.83, 1.42) | 1.08  (0.82, 1.42) | 1.03  (0.76, 1.38) | 1.10  (0.80, 1.50) | 0.65 |
| Activity <18 METs/wk | 0.97  (0.84, 1.12) | 0.91  (0.78, 1.06) | 0.99  (0.85, 1.15) | 1.03  (0.87, 1.21) | 0.66 | 0.37 |
| Activity ≥ 18 METs/wk | 1.07  (0.79, 1.47) | 1.10  (0.81, 1.48) | 1.31  (0.98, 1.75) | 1.12  (0.83, 1.51) | 0.40 |
| Does not consume alcohol | 0.95  (0.80, 1.14) | 0.90  (0.74, 1.08) | 1.12  (0.93, 1.34) | 0.93  (0.76, 1.13) | 0.87 | 0.18 |
| Consumes alcohol | 1.05  (0.86, 1.28) | 1.01  (0.83, 1.23) | 1.04  (0.85, 1.27) | 1.15  (0.94, 1.41) | 0.17 |
| BMI <30 | 1.04  (0.90, 1.22) | 0.97  (0.83, 1.14) | 1.14  (0.98, 1.33) | 1.12  (0.95, 1.31) | 0.10 | 0.13 |
| BMI≥30 | 0.86  (0.66, 1.12) | 0.89  (0.68, 1.17) | 0.86  (0.65, 1.14) | 0.83  (0.62, 1.10) | 0.25 |

**Supplementary Figure 1: NHS Participant flow chart, as per STROBE guidelines**

