**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**

