SUPPLEMENTAL MATERIAL

**Supplemental Table 1. Coronary artery calcium (CAC) score ratios* (95% CIs) by categories of coffee consumption in selected population subgroups**

**Supplemental Table 1. Coronary artery calcium (CAC) score ratios* (95% CIs) by categories of coffee consumption in selected population subgroups**

| | Daily coffee consumption | | | | | *P* for |
|---|---|---|---|---|---|---|
| | None | < 1 cup | 1 – < 3 cups | 3 – < 5 cups | ≥ 5 cups | Interaction† |
| **Age, years** | | | | | | |
| < 40 (N=10 527) | 1.00 | 0.79 (0.28-2.25) | 0.68 (0.24-1.90) | 0.73 (0.25-2.15) | 1.05 (0.25-4.41) | 0.06 |
| ≥ 40 (N =14 611) | 1.00 | 0.73 (0.44-1.21) | 0.62 (0.38-1.01) | 0.51 (0.31-0.85) | 0.70 (0.37-1.31) | |
| **Sex** | | | | | | |
| Men (N = 21 033) | 1.00 | 0.85 (0.52 to 1.38) | 0.74 (0.46 to 1.19) | 0.63 (0.39 to 1.04) | 0.91 (0.49 to 1.68) | 0.57 |
| Women (N = 4105) | 1.00 | 0.49 (0.15 to 1.55) | 0.36 (0.12 to 1.10) | 0.65 (0.17 to 2.45) | 0.25 (0.03 to 2.26) | |
| **Smoking status** | | | | | | |
| Non-current smoker (N = 17 553)‡ | 1.00 | 0.73 (0.45 to 1.20) | 0.63 (0.39 to 1.02) | 0.57 (0.34 to 0.95) | 0.75 (0.36 to 1.58) | 0.99 |
| Current smoker (N = 7585) | 1.00 | 0.92 (0.32 to 2.63) | 0.82 (0.29 to 2.30) | 0.71 (0.25 to 2.00) | 0.97 (0.31 to 3.00) | |
| **Alcohol consumption** | | | | | | |
| Non-drinker (N = 2412) | 1.00 | 0.42 (0.15 to 1.18) | 0.65 (0.24 to 1.78) | 0.65 (0.21 to 2.04) | 0.21 (0.04 to 1.23) | 0.19 |
| Drinker (N = 22 101) | 1.00 | 0.90 (0.54 to 1.50) | 0.76 (0.46 to 1.24) | 0.65 (0.39 to 1.09) | 1.01 (0.54 to 1.88) | |
| **BMI, kg/m$^2$** | | | | | | |
| <25 (N = 15 282) | 1.00 | 0.71 (0.40 to 1.27) | 0.54 (0.30 to 0.94) | 0.58 (0.32 to 1.05) | 0.80 (0.36 to 1.76) | 0.39 |
| ≥ 25 (N = 9856) | 1.00 | 0.91 (0.45 to 1.83) | 0.91 (0.46 to 1.81) | 0.65 (0.32 to 1.31) | 0.88 (0.38 to 2.04) | |
| **Diabetes status** | | | | | | |
| No (N = 23 627) | 1.00 | 0.83 (0.51 to 1.35) | 0.71 (0.44 to 1.14) | 0.64 (0.39 to 1.04) | 0.84 (0.45 to 1.57) | 0.85 |
| Yes (N = 1511) | 1.00 | 0.61 (0.20 to 1.86) | 0.69 (0.23 to 2.06) | 0.73 (0.23 to 2.32) | 0.96 (0.25 to 3.77) | |
| **Hypertension status** | | | | | | |
| No (N = 20 960) | 1.00 | 0.73 (0.42 to 1.27) | 0.66 (0.39 to 1.14) | 0.68 (0.39 to 1.18) | 0.91 (0.45 to 1.83) | 0.55 |
| Yes (N = 4178) | 1.00 | 1.06 (0.51 to 2.21) | 0.90 (0.44 to 1.84) | 0.66 (0.31 to 1.39) | 1.02 (0.39 to 2.66) | |
| **Hypercholesterolemia status** | | | | | | |
| No (N = 18 631) | 1.00 | 0.77 (0.44 to 1.35) | 0.63 (0.37 to 1.09) | 0.57 (0.32 to 1.00) | 0.82 (0.39 to 1.72) | 0.99 |
| Yes (N = 6507) | 1.00 | 0.71 (0.34 to 1.48) | 0.66 (0.32 to 1.37) | 0.55 (0.26 to 1.17) | 0.73 (0.30 to 1.81) | |

Note: Models were adjusted for the same covariates used in model 2 (Table 2).

* Derived from robust Tobit regression models using $\log_e(CAC+1)$ as the outcome.

† Calculated using Wald tests.

‡ Non-current smoker included never and past smokers.