**Supplemental table 1. Hazard ratio (HR) and 95% confidence intervals (CI) for incident coronary events according to sucrose intake levels and stratified by lifestyle factors\***

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Categories of sucrose intake** | | | | | | | | | |  |  |  |  |  |
|  | **<5 E%** | | **5-7.5 E%** | | **7.5-10 E%** | | **10-15 E%** | | **>15 E%** | | | ***P-trend*** | **HR per E%** | | ***P-int†*** |
| Sex |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.43 |
| Male | 1.00 | Ref | 1.01 | 0.86, 1.18 | 1.01 | 0.86, 1.18 | 0.97 | 0.82, 1.15 | 1.31 | 1.03, 1.66 | | 0.19 | 1.01 | 1.00, 1.03 |  |
| Female | 0.41 | 0.32, 0.52 | 0.36 | 0.30, 0.44 | 0.40 | 0.34, 0.48 | 0.41 | 0.34, 0.49 | 0.50 | 0.38, 0.66 | | 0.81 | 1.02 | 1.00, 1.04 |  |
| Leisure-time physical activity |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.90 |
| Quintile 1 | 1.00 | Ref | 0.85 | 0.66, 1.09 | 0.96 | 0.74, 1.23 | 0.99 | 0.77, 1.28 | 0.93 | 0.63, 1.36 | | 0.59 | 1.00 | 0.98, 1.03 |  |
| Quintile 2 | 0.82 | 0.61, 1.12 | 0.64 | 0.49, 0.84 | 0.86 | 0.66, 1.11 | 0.83 | 0.64, 1.09 | 0.95 | 0.62, 1.43 | | 0.05 | 1.03 | 1.00. 1.05 |  |
| Quintile 3 | 0.82 | 0.60, 1.12 | 0.71 | 0.54, 0.92 | 0.64 | 0.49, 0.84 | 0.77 | 0.58, 1.01 | 1.33 | 0.90, 1.95 | | 0.24 | 1.03 | 1.00, 1.05 |  |
| Quintile 4 | 0.76 | 0.55, 1.05 | 0.87 | 0.68, 1.12 | 0.83 | 0.65, 1.07 | 0.67 | 0.50, 0.89 | 1.43 | 0.96, 2.12 | | 0.20 | 1.02 | 0.99, 1.05 |  |
| Quintile 5 | 0.67 | 0.48, 0.95 | 0.93 | 0.72, 1.19 | 0.85 | 0.65, 1.09 | 0.83 | 0.64, 1.07 | 0.87 | 0.58, 1.33 | | 0.83 | 1.01 | 0.98, 1.03 |  |
| *P-trend* | 0.008 |  | 0.08 |  | 0.27 |  | 0.13 |  | 0.45 |  |  |  |  |  |  |
| BMI |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.42 |
| <=25 | 1.00 | Ref | 1.05 | 0.84, 1.31 | 0.99 | 0.79, 1.24 | 0.94 | 0.75, 1.18 | 1.27 | 0.93, 1.73 | | 0.31 | 1.01 | 0.99, 1.03 |  |
| 25 to 30 | 1.24 | 0.97, 1.58 | 1.16 | 0.94, 1.44 | 1.27 | 1.02, 1.58 | 1.30 | 1.04, 1.62 | 1.57 | 1.16, 2.13 | | 0.13 | 1.02 | 1.00, 1.03 |  |
| >30 | 1.67 | 1.24, 2.26 | 1.53 | 1.18, 1.98 | 1.61 | 1.24, 2.09 | 1.61 | 1.22, 2.13 | 2.23 | 1.46, 3.40 | | 0.35 | 1.01 | 0.98, 1.04 |  |
| *P-trend* | 0.003 |  | 0.003 |  | <0.001 |  | <0.001 |  | 0.02 |  |  |  |  |  |  |
| Educational level |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.08 |
| Elementary or Less | 1.00 | Ref | 0.96 | 0.80, 1.15 | 0.95 | 0.79, 1.14 | 0.95 | 0.79, 1.14 | 1.13 | 0.88, 1.46 | | 0.52 | 1.01 | 0.99, 1.02 |  |
| Primary and Secondary | 0.97 | 0.75, 1.26 | 0.88 | 0.71,1.09 | 0.92 | 0.75, 1.14 | 0.90 | 0.72, 1.13 | 1.35 | 0.94, 1.93 | | 0.40 | 1.01 | 0.99, 1.04 |  |
| Upper Secondary | 1.00 | 0.70, 1.42 | 0.72 | 0.53, 0.97 | 0.74 | 0.55, 1.01 | 0.92 | 0.67, 1.27 | 1.25 | 0.71, 2.21 | | 0.17 | 1.03 | 0.98, 1.07 |  |
| Further education | 0.48 | 0.29, 0.80 | 0.71 | 0.51, 0.98 | 0.80 | 0.59, 1.09 | 0.76 | 0.53, 1.08 | 0.71 | 0.33, 1.50 | | 0.27 | 1.02 | 0.98, 1.07 |  |
| University Degree | 0.50 | 0.33, 0.76 | 0.66 | 0.50, 0.87 | 0.75 | 0.56, 1.00 | 0.61 | 0.43, 0.86 | 1.17 | 0.68, 2.03 | | 0.16 | 1.04 | 1.00, 1.08 |  |
| *P-trend* | <0.001 |  | <0.001 |  | 0.03 |  | 0.005 |  | 0.86 |  |  |  |  |  |  |
| Smoking habits |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.24 |
| Smokers | 1.00 | Ref | 1.03 | 0.84, 1.27 | 1.01 | 0.82, 1.25 | 0.96 | 0.77, 1.20 | 1.26 | 0.95, 1.66 | | 0.45 | 1.01 | 0.99, 1.02 |  |
| Ex-smokers | 0.53 | 0.42, 0.68 | 0.57 | 0.46, 0.70 | 0.59 | 0.47, 0.72 | 0.52 | 0.41, 0.65 | 0.67 | 0.47, 0.96 | | 0.98 | 1.00 | 0.98, 1.02 |  |
| Non smokers | 0.53 | 0.40, 0.69 | 0.42 | 0.33, 0.52 | 0.46 | 0.37, 0.57 | 0.52 | 0.42, 0.65 | 0.69 | 0.49, 0.98 | | 0.01 | 1.04 | 1.01, 1.06 |  |
| *P-trend* | <0.001 |  | <0.001 |  | <0.001 |  | <0.001 |  | <0.001 |  |  |  |  |  |  |
| Alcohol habits |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.69 |
| Zero-consumers | 1.00 | Ref | 0.77 | 0.46, 1.29 | 0.89 | 0.55, 1.43 | 0.83 | 0.52, 1.34 | 0.85 | 0.48, 1.53 | | 0.76 | 0.99 | 0.96, 1.03 |  |
| Quintile 1 | 0.74 | 0.47, 1.18 | 0.86 | 0.56, 1.31 | 0.73 | 0.47, 1.11 | 0.67 | 0.44, 1.03 | 1.37 | 0.86, 2.19 | | 0.07 | 1.02 | 1.00, 1.05 |  |
| Quintile 2 | 0.75 | 0.47, 1.20 | 0.69 | 0.45, 1.06 | 0.66 | 0.43, 1.01 | 0.74 | 0.48, 1.14 | 0.76 | 0.45, 1.28 | | 0.99 | 1.00 | 0.98, 1.03 |  |
| Quintile 3 | 0.64 | 0.40, 1.03 | 0.57 | 0.37, 0.87 | 0.59 | 0.38, 0.90 | 0.70 | 0.45, 1.08 | 0.64 | 0.35, 1.17 | | 0.43 | 1.01 | 0.98, 1.04 |  |
| Quintile 4 | 0.58 | 0.36, 0.93 | 0.52 | 0.34, 0.80 | 0.70 | 0.46, 1.08 | 0.58 | 0.37, 0.91 | 0.58 | 0.30, 1.12 | | 0.53 | 1.01 | 0.98, 1.04 |  |
| Quintile 5 | 0.62 | 0.39, 0.97 | 0.65 | 0.42, 1.00 | 0.68 | 0.44, 1.05 | 0.64 | 0.40, 1.01 | 1.01 | 0.56, 1.85 | | 0.23 | 1.02 | 0.99, 1.05 |  |
| *P-trend* | 0.12 |  | 0.001 |  | 0.21 |  | 0.13 |  | 0.04 |  |  |  |  |  |  |
| Fat (E%) |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.79 |
| Tertile 1 | 1.00 | Ref | 1.10 | 0.83, 1.46 | 1.07 | 0.81, 1.41 | 0.99 | 0.75, 1.31 | 1.35 | 0.98, 1.85 | | 0.23 | 1.01 | 1.00, 1.03 |  |
| Tertile 2 | 1.04 | 0.75, 1.42 | 1.02 | 0.77, 1.35 | 0.96 | 0.72, 1.27 | 1.01 | 0.76, 1.34 | 1.34 | 0.92, 1.97 | | 0.19 | 1.01 | 0.99, 1.03 |  |
| Tertile 3 | 0.99 | 0.74, 1.32 | 0.88 | 0.67, 1.16 | 1.04 | 0.78, 1.37 | 1.04 | 0.77, 1.39 | 1.17 | 0.70, 1.93 | | 0.44 | 1.01 | 0.99, 1.04 |  |
| *P-trend* | 0.96 |  | 0.01 |  | 0.70 |  | 0.83 |  | 0.88 |  |  |  |  |  |  |
| Fruits and vegetables |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.26 |
| Tertile 1 | 1.00 | Ref | 1.04 | 0.85, 1.26 | 1.11 | 0.91, 1.35 | 1.11 | 0.91, 1.35 | 1.33 | 1.01, 1.75 | | 0.16 | 1.01 | 1.00, 1.03 |  |
| Tertile 2 | 1.06 | 0.84, 1.35 | 1.00 | 0.82, 1.23 | 0.92 | 0.75, 1.14 | 1.01 | 0.81, 1.25 | 1.26 | 0.91, 1.74 | | 0.19 | 1.01 | 0.99, 1.04 |  |
| Tertile 3 | 1.10 | 0.82, 1.48 | 0.94 | 0.75, 1.17 | 1.05 | 0.84, 1.29 | 0.90 | 0.71, 1.14 | 1.40 | 0.96, 2.02 | | 0.91 | 1.00 | 0.98, 1.03 |  |
| *P-trend* | 0.19 |  | 0.25 |  | 0.77 |  | 0.05 |  | 0.86 |  |  |  |  |  |  |

E%, energy percentage; Ref, reference group; p-int, p-interaction

\*Adjusted for age, sex, method of data collection, season of data collection, total energy intake, smoking, alcohol consumption, leisure-time physical activity, educational level, BMI, fruit and vegetables and fat intake

†Test for interaction between sucrose intake and lifestyle factors were conducted by introducing a multiplicative factor in the model with the continuous variables of sucrose and lifestyle factors