|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental table 1. Diabetes risk by contribution of pure fruit juice to total fruit and pure fruit juice based on additional (unverified) diabetes cases | | | | | | | | |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Contribution of pure fruit juice to total consumption of fruit + pure fruit juice (median) | | | |  |  |  |  |  |  |
|  | 0-<25% | 25-<50% | 50-100% | *P*-trend |  |  |  |  |  |  |
|  | (7%) | (35%) | (61%) |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| All participants, *n* | 18926 | 9894 | 7649 |  |  |  |  |  |  |  |
| type 2 diabetes*, n* | 1066 | 496 | 395 |  |  |  |  |  |  |  |
| Mean follow-up period, y | 14.6 | 14.7 | 14.5 |  |  |  |  |  |  |  |
|  | HR | HR (95% CI) | HR (95% CI) |  |  |  |  |  |  |  |
| Model 1\* | 1.00 | 0.96 (0.87, 1.07) | 1.18 (1.05, 1.33) | 0.04 |  |  |  |  |  |  |
| Model 2† | 1.00 | 0.97 (0.87, 1.08) | 1.10 (0.98, 1.24) | 0.15 |  |  |  |  |  |  |
| Model 3‡ | 1.00 | 0.98 (0.88, 1.09) | 1.11 (0.98, 1.24) | 0.10 |  |  |  |  |  |  |
| Model 4§ | 1.00 | 0.98 (0.88, 1.09) | 1.06 (0.94, 1.20) | 0.29 |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| \*adjusted for total pure fruit juice + fruit consumption, age and sex. | | |  |  |  |  |  |  |  |  |
| †adjusted for total pure fruit juice + fruit consumption, age, sex, educational level, physical activity, smoking, family history of diabetes, DHD15-index, coffee, sugar-sweetened beverages. | | | | | | | | | |  |
| ‡adjusted for total pure fruit juice + fruit consumption, age, sex, educational level, physical activity, smoking, family history of diabetes, DHD15-index, coffee, sugar-sweetened beverages and energy intake. | | | | | | | | | | |
| §adjusted for total pure fruit juice + fruit consumption, age, sex, educational level, physical activity, smoking, family history of diabetes, DHD15-index, coffee, sugar-sweetened beverages, BMI and waist circumference. | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Supplemental table 2. Diabetes risk by contribution of pure fruit juice to total SSBs and pure fruit juice based on additional (unverified) diabetes cases | | | | | | | | |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
|  | Contribution of pure fruit juice to total consumption of SSBs + pure fruit juice (median) | | | | |  |  |  |  |  |
|  | 0-<25% | 25-<50% | 50-<75% | 75-100% | *P*-trend |  |  |  |  |  |
|  | (5%) | (38%) | (62%) | (95%) |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| All participants, *n* | 10751 | 6546 | 7611 | 10131 |  |  |  |  |  |  |
| type 2 diabetes*, n* | 613 | 287 | 395 | 563 |  |  |  |  |  |  |
| Mean follow-up period, y | 14.6 | 14.7 | 14.7 | 14.6 |  |  |  |  |  |  |
|  | HR | HR (95% CI) | HR (95% CI) | HR (95% CI) |  |  |  |  |  |  |
| Model 1\* | 1.00 | 0.73 (0.64, 0.85) | 0.77 (0.68, 0.88) | 0.71 (0.63, 0.80) | < 0.0001 |  |  |  |  |  |
| Model 2† | 1.00 | 0.80 (0.70, 0.93) | 0.86 (0.76, 0.98) | 0.80 (0.71, 0.90) | 0.0008 |  |  |  |  |  |
| Model 3‡ | 1.00 | 0.81 (0.71, 0.94) | 0.87 (0.76, 0.99) | 0.81 (0.71, 0.91) | 0.0010 |  |  |  |  |  |
| Model 4§ | 1.00 | 0.86 (0.75, 1.00) | 0.94 (0.83, 1.07) | 0.89 (0.79, 1.01) | 0.14 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| \*adjusted for total pure fruit juice + SSBs consumption, age and sex. | | |  |  |  |  |  |  |  |  |
| †adjusted for total pure fruit juice + SSBs consumption, age, sex, educational level, physical activity, smoking, family history of diabetes, DHD15-index, alcohol, coffee and fruit. | | | | | | | | | |  |
| ‡adjusted for total pure fruit juice + SSBs consumption, age, sex, educational level, physical activity, smoking, family history of diabetes, DHD15-index, alcohol, coffee, fruit and energy intake. | | | | | | | | | | |
| §adjusted for total pure fruit juice + SSBs consumption, age, sex, educational level, physical activity, smoking, family history of diabetes, DHD15-index, alcohol, coffee, fruit, BMI and waist circumference. | | | | | | | | | | |