**Supplemental Table S1. Baseline characteristics of female study participants by alcohol drinking status**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Stratified by alcohol drinking status** | | | ***P value*** |
| Never (n=4112) | Former (n=20) | Current (n=105) |
| **Age, ya** | 51.2 ±4.4 | 52.1 ±5.2 | 50.9 ±3.9 | 0.474 |
| **SBP, mmHg**a | 126.5 ±21.2 | 132.3 ±22.2 | 122.6 ±20.5 | 0.081 |
| **DBP, mmHg**a | 78.7 ±11.8 | 81.5 ±11.6 | 78.8 ±11.1 | 0.562 |
| **BMI, kg/m2**a | 22.1 ±3.5 | 23.7 ±2.9 | 22.1 ±3.0 | 0.100 |
| **Laboratory results**b |  |  |  |  |
| Fasting glucose, mg/dL | 97.9(91.8- 105.7) | 97.5(86.8- 102.5) | 97.9(92.0- 105.5) | 0.394 |
| Total cholesterol, mg/dL | 176.3(156.2- 199.1) | 172.3(156.2- 180.4) | 172.1(155.8- 198.0) | 0.583 |
| Triglycerides, mg/dL | 109.8(84.1- 148.8) | 122.7(99.9- 169.8) | 101.9(71.7- 140.8) | 0.054 |
| HDL cholesterol, mg/dL | 53.0(44.9- 62.3) | 47.4(38.8- 51.2) | 55.7(47.2- 65.7) | 0.004 |
| **Smoking status, n (%)** | |  |  | <0.001 |
| Never | 3913 (95.4) | 14 (70.0) | 67 (63.8) |  |
| Former | 15 ( 0.4) | 2 (10.0) | 3 ( 2.9) |  |
| Current | 175 ( 4.3) | 4 (20.0) | 35 (33.3) |  |
| **Education level, n (%)** |  |  |  | 0.844 |
| Illiterate | 3288 (80.5) | 18 (90.0) | 84 (80.0) |  |
| Elementary school | 670 (16.4) | 2 (10.0) | 18 (17.1) |  |
| Middle or high school | 127 ( 3.1) | 0 ( 0.0) | 3 ( 2.9) |  |
| **Occupation, n (%)** |  |  |  |  |
| Non-farmer | 3861 (94.3) | 14 (70.0) | 100 (95.2) | <0.001 |

Abbreviations: BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; HDL, high-density lipoprotein;

aFor continuous variables, values are presented as mean±SD.

bValues are presented as median (IQR)

P value,χ2 test for categorical variables

**Supplemental Table S2. The association between cancer and alcohol drinking in females**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **N** | **Cases (%)** | **Crude model** | | **Adjusted modela** | |
| **OR (95%CI)** | ***P* value** | **OR (95%CI) P** | ***P* value** |
| **Alcohol Drinking Status** | | |  |  |  |  |
| Never | 4112 | 102(2.5) | ref |  | ref |  |
| Former | 20 | 1(5.0) | 2.07(0.27,15.60) | 0.481 | 2.10(0.28,15.61) | 0.470 |
| Current | 105 | 4(3.8) | 1.56(0.56,4.32) | 0.395 | 1.52(0.54,4.29) | 0.431 |

aAdjusted for age, systolic blood pressure, diastolic blood pressure, body mass index, fasting glucose, total cholesterol, triglycerides, high density lipoprotein, education level and occupation.