**Table S2 Baseline characteristics according to all-cause mortality1.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Characteristic** | **Overall(N=13,751)** | **Alive(N=11,408)** | **Death(N=2,343)** | ***P* value** |
| **Age，years** | 53.74(0.22) | 51.62(0.23) | 67.41(0.45) | < 0.0001 |
| **Sex, n (%)** |  |  |  | 0.06 |
|  Female | 7449(52.95) | 6323(53.34) | 1126(50.44) |  |
|  Male | 6302(47.05) | 5085(46.66) | 1217(49.56) |  |
| **Educational attainment** |  |  |  | < 0.0001 |
|  Under high school | 4086(19.20) | 3159(17.30) | 927(31.42) |  |
|  High school or equivalent | 7399(59.36) | 6255(60.04) | 1144(54.98) |  |
|  College or higher | 2266(21.44) | 1994(22.65) | 272(13.60) |  |
| **Race, n (%)** |  |  |  | < 0.0001 |
|  Non-Hispanic White | 6435(70.72) | 4948(69.19) | 1487(80.56) |  |
|  Others | 7316(29.28) | 6460(30.81) | 856(19.44) |  |
| **Family PIR** |  |  |  | < 0.0001 |
|  PIR<1 | 2901(14.37) | 2423(14.18) | 478(15.58) |  |
|  PIR 1~2.9 | 6242(39.72) | 4976(37.91) | 1266(51.32) |  |
|  PIR≥3 | 4608(45.92) | 4009(47.91) | 599(33.09) |  |
| **BMI, kg/m2** |  |  |  | < 0.0001 |
|  BMI<25 | 896( 5.89) | 630( 5.04) | 266(11.38) |  |
|  BMI 25~30 | 4124(28.53) | 3270(27.66) | 854(34.12) |  |
|  BMI≥30 | 8731(65.58) | 7508(67.30) | 1223(54.50) |  |
| **Smoking status, n (%)** |  |  |  | < 0.0001 |
|  Never | 6990(50.00) | 6060(51.90) | 930(37.81) |  |
|  Former | 4109(30.34) | 3126(28.61) | 983(41.46) |  |
|  Now | 2652(19.66) | 2222(19.49) | 430(20.73) |  |
| **Alcohol drinking** |  |  |  | < 0.0001 |
|  Never | 2314(13.43) | 1870(12.85) | 444(17.15) |  |
|  Former | 3116(19.87) | 2251(17.48) | 865(35.26) |  |
|  Mild | 4340(35.16) | 3656(35.77) | 684(31.18) |  |
|  Moderate | 1707(13.87) | 1550(14.88) | 157( 7.37) |  |
|  Heavy | 2274(17.68) | 2081(19.02) | 193( 9.04) |  |
| **Diabetes diagnosis, n (%)** |  |  |  | < 0.0001 |
|  DM | 5453(32.57) | 4183(29.88) | 1270(49.88) |  |
|  IFG | 1123( 8.59) | 941(8.78) | 182(7.38) |  |
|  IGT | 492( 3.63) | 425(3.66) | 67(3.43) |  |
|  No | 6683(55.21) | 5859(57.68) | 824(39.30) |  |
| **Hypertension diagnosis, n (%)** | 9278(64.55) | 7351(61.96) | 1927(81.21) | < 0.0001 |
| **CVD diagnosis, n (%)** | 2607(16.20) | 1661(12.62) | 946(39.31) | < 0.0001 |
| **Hyperlipidemia diagnosis,n(%)** | 12907(94.52) | 10721(94.54) | 2186(94.37) | 0.79 |
| **Dietary inflammatory index** | 1.62(0.03) | 1.59(0.03) | 1.82(0.05) | < 0.0001 |
| **Waist circumference (cm)** | 110.69(0.20) | 110.76(0.22) | 110.21(0.45) | 0.26 |
| **GGT(U/L)** | 34.68(0.49) | 34.02(0.49) | 38.90(1.81) | 0.01 |
| **SBP (mmHg)** | 128.32(0.24) | 127.43(0.27) | 134.05(0.65) | < 0.0001 |
| **DBP (mmHg)** | 73.11(0.22) | 73.97(0.22) | 67.54(0.49) | < 0.0001 |
| **HbA1c(%)** | 6.05(0.02) | 6.00(0.02) | 6.34(0.04) | < 0.0001 |
| **Albumin(g/dl)** | 4.20(0.01) | 4.21(0.01) | 4.12(0.01) | < 0.0001 |
| **ALT(U/L)** | 28.66(0.31) | 29.01(0.25) | 26.37(1.55) | 0.09 |
| **AST(U/L)** | 26.11(0.18) | 26.02(0.19) | 26.72(0.52) | 0.21 |
| **Serum creatinine(umol/l)** | 81.40(0.38) | 78.74(0.38) | 98.53(1.30) | < 0.0001 |
| **Uric acid (umol/l)** | 351.18(1.10) | 348.07(1.20) | 371.19(2.38) | < 0.0001 |
| **HDL-C(mmol/l)** | 1.13(0.00) | 1.13(0.00) | 1.18(0.01) | < 0.0001 |

1Continuous variables are expressed as the mean (standard error). Categorical variables are expressed as unweighted numbers (weighted percentages). All estimates take into account the complex survey design.

BMI, body mass index; SBP, systolic blood pressure; DBP, diastolic blood pressure; PIR, family poverty income ratio; IFG, impaired fasting glycaemia; IGT, impaired glucose tolerance; DM, diabetes; HbA1c glycated hemoglobin; ALT, alanine aminotransferase; AST, aspartate aminotransferase; CVD, cardiovascular diseases; GGT, gamma-glutamyl transpeptidase; HDL-C, high-density lipoprotein cholesterol