**Supplementary Material 1.** Bivariate analysis of the characteristics associated with cardiovascular disease

|  |  |  |
| --- | --- | --- |
|  | **Cardiovascular disease** |  |
| **Characteristic** | **No, n = 930** | **Yes, n = 16** | **p-value** |
| **Sex** |   |   | 0.823 |
|  Female | 497 (98.22%) | 9 (1.78%) |   |
|  Male | 433 (98.41%) | 7 (1.59%) |   |
| **Age group** |   |   | 0.121 |
|  29–44 years | 418 (98.82%) | 5 (1.18%) |   |
|  45–59 years | 391 (98.49%) | 6 (1.51%) |   |
|  60 years to more | 121 (96.03%) | 5 (3.97%) |   |
| **Group** |   |   | 0.523 |
|  Rural | 180 (98.36%) | 3 (1.64%) |   |
|  Migrant | 565 (98.60%) | 8 (1.40%) |   |
|  Urban | 185 (97.37%) | 5 (2.63%) |   |
| **Wealth index** |   |   | 0.319 |
|  Lowest | 315 (98.44%) | 5 (1.56%) |   |
|  Middle | 310 (97.48%) | 8 (2.52%) |   |
|  Highest | 305 (99.03%) | 3 (0.97%) |   |
| **Educational Level** |   |   | 0.571 |
|  None/Some Primary | 298 (97.70%) | 7 (2.30%) |   |
|  Primary complete | 141 (99.30%) | 1 (0.70%) |   |
|  Secundary to more | 489 (98.39%) | 8 (1.61%) |   |
| **Physical activity** |   |   | 0.728 |
|  Low | 241 (98.77%) | 3 (1.23%) |   |
|  Moderade | 268 (97.81%) | 6 (2.19%) |   |
|  High | 413 (98.33%) | 7 (1.67%) |   |
| **Current smoker** |   |   | 0.099 |
|  No | 827 (98.22%) | 15 (1.78%) |   |
|  Yes | 103 (99.04%) | 1 (0.96%) |   |
| **Alcohol volume** |   |   | 0.099 |
|  Low | 847 (98.26%) | 15 (1.74%) |   |
|  High | 83 (98.81%) | 1 (1.19%) |   |
| **Body Mass Index** |   |   | 0.896 |
|  Normal weight | 378 (98.44%) | 6 (1.56%) |   |
|  Overweight | 364 (98.38%) | 6 (1.62%) |   |
|  Obesity | 188 (97.92%) | 4 (2.08%) |   |
| **MetS WHO** |   |   | 0.065 |
|  No | 800 (98.64%) | 11 (1.36%) |   |
|  Yes | 130 (96.30%) | 5 (3.70%) |   |
| **MetS IDF** |   |   | 0.171 |
|  No | 669 (98.67%) | 9 (1.33%) |   |
|  Yes | 261 (97.39%) | 7 (2.61%) |   |
| **MetS ATPIII** |   |   | **0.033** |
|  No | 709 (98.88%) | 8 (1.12%) |   |
|  Yes | 221 (96.51%) | 8 (3.49%) |   |
| **MetS JIS** |   |   | **0.01** |
|  No | 657 (99.10%) | 6 (0.90%) |   |
|  Yes | 273 (96.47%) | 10 (3.53%) |   |
| **MetS AHA/NHLBI** |   |   | **0.006** |
|  No | 829 (98.81%) | 10 (1.19%) |   |
|  Yes | 101 (94.39%) | 6 (5.61%) |   |
| **MetS IDF** |   |   | 0.099 |
|  No | 757 (98.31%) | 13 (1.69%) |   |
|  Yes | 173 (98.30%) | 3 (1.70%) |   |
| **MetS AACE** |   |   | 0.056 |
|  No | 736 (98.79%) | 9 (1.21%) |   |
|  Yes | 194 (96.52%) | 7 (3.48%) |   |
| **MetS ILIBLA** |   |   | **0.001** |
|  No | 592 (99.33%) | 4 (0.67%) |   |
|  Yes | 338 (96.57%) | 12 (3.43%) |   |
| **MetS ALAD** |   |   | 0.224 |
|  No | 879 (98.43%) | 14 (1.57%) |   |
|  Yes | 51 (96.23%) | 2 (3.77%) |   |
| n (%) |
| Pearson's Chi-squared test; Fisher's exact test |