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

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|  | **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 | | | |