Supplemental material

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**Supplementary table 1**: Univariate analysis ($\chi^2$-test) between the nutritional status (underweight, normal weight, overweight/obese) and the sociodemographic characteristics and behavioral risk factors of respondents (N = 11,064)

| Variables | Categories | Nutritional status (%) | | | $\chi^2$-value | *P*-value |
|---|---|---|---|---|---|---|
| | | Underweight | Normal weight | Overweight/ obese | | |
| Age | < 45 years | 17.9 | 60.4 | 21.7 | 72.4 | <0.001* |
| | ≥ 45 years | 24.0 | 57.9 | 18.0 | | |
| Sex | Male | 24.7 | 62.5 | 12.8 | 187.5 | <0.001* |
| | Female | 19.0 | 57.5 | 23.5 | | |
| Education | Illiterate | 26.8 | 59.2 | 14.0 | 210.2 | <0.001* |
| | Literate | 17.6 | 59.2 | 23.2 | | |
| Marital status | Never married | 29.3 | 61.6 | 9.1 | 77.4 | <0.001* |
| | Ever married | 20.3 | 59.0 | 20.7 | | |
| Occupation | Housewife | 18.1 | 57.3 | 24.6 | 239.8 | <0.001* |
| | Unemployed | 31.2 | 57.6 | 11.2 | | |
| | Income group | 22.4 | 62.3 | 15.3 | | |
| Physical activity | Inactive | 25.1 | 57.3 | 17.6 | 27.8 | <0.001* |
| | Active | 20.0 | 59.6 | 20.4 | | |
| Red meat intake | Yes | 17.9 | 58.2 | 23.9 | 45.2 | <0.001* |
| | No | 21.9 | 59.5 | 18.6 | | |
| Added salt intake | Yes | 23.2 | 59.3 | 17.5 | 100.7 | <0.001* |
| | No | 17.1 | 58.9 | 24.0 | | |
| Inadequate intake of fruits and vegetables | Yes | 21.4 | 59.5 | 19.0 | 17.4 | <0.001* |
| | No | 19.4 | 58.1 | 22.5 | | |

Underweight, BMI less than 18.5 kg/m$^2$; Normal weight, BMI is 18.5 – 25.0 kg/m$^2$; Overweight, BMI is 25.0 – 29.9 kg/m$^2$; Obese, BMI is over 30.0 kg/m$^2$
*Significant at the threshold of *P*-value < 0.05