Supplementary Material 4. Association of blood pressure measured in the sitting, supine, and standing positions with carotid intima-media thickness in 592 participants aged 65 years or older who were free of diagnosed cardiovascular disease

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Positions | Blood pressure | Number | Mean IMT scoresb |  Coefficient estimates (95% CI) for mean IMT scoresb |
|  | classificationa | of participants | Mean (SD) | Age-adjusted model | Multiple model |
| Sitting | Normal | 126 | 71.1 (8.0) | reference | reference |
|  | High normal/pre-HTN | 245 | 71.1 (7.4) | 0.04 (-1.59, 1.67) | 0.09 (-1.55, 1.73) |
|  | Grade 1 HTN | 157 | 71.8 (7.2) | 0.77 (-1.00, 2.55) | 0.84 (-0.96, 2.64) |
|  | Grade 2 HTN | 64 | 70.5 (8.1) | -0.57 (-2.86, 1.71) | -0.32 (-2.64, 2.01) |
|  |  |  |  |  |  |
| Supine | Normal | 191 | 70.5 (7.8) | reference | reference |
|  | High normal/pre-HTN | 251 | 71.5 (7.6) | 1.04 (-0.38, 2.46) | 1.12 (-0.31, 2.55) |
|  | Grade 1 HTN | 119 | 71.4 (7.1) | 0.97 (-0.77, 2.71) | 1.05 (-0.70, 2.80) |
|  | Grade 2 HTN | 31 | 72.9 (7.8) | 2.39 (-0.48, 5.26) | 2.74 (-0.17, 5.64) |
|  |  |  |  |  |  |
| Standing | Normal | 178 | 71.2 (7.9) | reference | reference |
|  | High normal/pre-HTN | 232 | 71.0 (7.5) | -0.19 (-1.67, 1.29) | 0.06 (-1.44, 1.55) |
|  | Grade 1 HTN | 132 | 71.8 (7.5) | 0.63 (-1.08, 2.34) | 0.87 (-0.88, 2.63) |
|  | Grade 2 HTN | 50 | 71.0 (7.1) | -0.10 (-2.49, 2.28) | 0.29 (-2.14, 2.73) |

Abbreviations: CI, confidence interval; IMT, intima-media thickness; pre-HTN, prehypertension; HTN, hypertension

In the multivariate model, data were adjusted for age, sex, educational level (≤ 9 years or > 9 years), body mass index, smoking status (never smoked, formerly smoked, smoking ≤ 10 cigarettes/day, 11-20 cigarettes/day, or > 20 cigarettes/day), alcohol drinking status (abstained, consumption of alcohol < 15g/day, 15-30g/day, or > 30g/day), physical activity (quintiles of MET-hours/day), having depressive moods (no or yes), and presence of diabetes mellitus (no or yes).

aIts definition was indicated in table 1.

bRaw data of mean IMT scores were multiplied by 100.