**Supplementary Table**

Supplementary table 1. Blood Hg distributions by influential variables

Supplementary table 1. Blood Hg distributions by influential variables (μg/L)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | N | GM | 95% CL for GM | | P75 | P95 | *p-*Value*a* |
| All | 6454 | 3.11 | (3.02 | 3.20) | 4.69 | 9.01 |  |
| **Alcohol consumption amount** | | |  |  |  |  |  |
| Never | 2219 | 2.68 | (2.57 | 2.79) | 4.07 | 7.49 | <.0001 |
| 1~2 shots | 1190 | 2.96 | (2.79 | 3.14) | 4.33 | 7.82 |
| 3~4 shots | 987 | 3.11 | (2.94 | 3.29) | 4.57 | 8.34 |
| 5~6 shots | 514 | 3.29 | (3.08 | 3.51) | 4.71 | 9.22 |
| 7~9 shots | 782 | 3.60 | (3.41 | 3.81) | 5.51 | 9.58 |
| 10 or over shots | 762 | 3.71 | (3.50 | 3.94) | 5.65 | 11.6 |
| **Cooking types** | |  |  |  |  |  |  |
| Rarely | 485 | 2.15 | (1.97 | 2.34) | 3.08 | 7.14 | <.0001 |
| Baking/Roasting | 2488 | 3.15 | (3.03 | 3.28) | 4.69 | 8.58 |
| Steaming/Boiling/Stewing | 1647 | 3.23 | (3.09 | 3.38) | 4.85 | 9.48 |
| Stirfry/Sauteing | 1641 | 3.16 | (3.01 | 3.31) | 4.65 | 8.64 |
| Raw | 193 | 4.18 | (3.70 | 4.74) | 6.29 | 11.6 |
| **Herbal medicine** | |  |  |  |  |  |  |
| No | 5719 | 3.12 | (3.02 | 3.21) | 4.71 | 9.05 | 0.6199 |
| Yes | 735 | 3.07 | (2.88 | 3.27) | 4.52 | 8.85 |
| **Marrige status** | |  |  |  |  |  |  |
| Single | 654 | 2.44 | (2.30 | 2.59) | 3.41 | 6.93 | <.0001 |
| Married | 5109 | 3.36 | (3.26 | 3.46) | 4.95 | 9.36 |
| Divorce/Separation/Bereavement | 691 | 2.71 | (2.50 | 2.93) | 4.05 | 9.62 |
| **Parity** (only female) |  |  |  |  |  |  |  |
| No | 390 | 2.15 | (2.01 | 2.29) | 2.81 | 5.82 | <.0001 |
| Yes | 3295 | 2.75 | (2.66 | 2.85) | 4.04 | 7.31 |  |
| **Menopose** (only female) | |  |  |  |  |  |  |
| No | 1669 | 2.55 | (2.45 | 2.65) | 3.60 | 6.83 | 0.0047 |
| Yes | 2016 | 2.74 | (2.62 | 2.87) | 4.13 | 7.79 |
| **Education** |  |  |  |  |  |  |  |
| Never | 2283 | 2.91 | (2.76 | 3.06) | 4.44 | 8.64 | <.0001 |
| Elementary school | 1943 | 3.30 | (3.17 | 3.43) | 4.88 | 9.22 |
| Middle school | 2017 | 3.06 | (2.94 | 3.19) | 4.69 | 8.97 |
| High school or over | 200 | 3.49 | (3.16 | 3.87) | 5.03 | 10.94 |

Note: GM, geometric mean; P75, 75 percentile; P95, 95 percentile.

*ap*-Value obtained using bivariate analysis (SAS Proc SURVEYREG).