# Supplementary Material

|  |
| --- |
| **Supplementary Table 1. Characteristics differences between 11592 pregnant women who were analyzed and 9287 pregnant women who were excluded from the analysis.** |
|  | Women who wereanalyzed(n=11592) | Women who werenot analyzed(n=9287) | *P*-valuea |
|  |
|  | n | (%) | n | (%) |  |
| Age in early pregnancy |  |  |  |  | <0.001 |
|  –29 years | 3785  | (32.7) | 3685  | (39.7) |  |
|  30–34 years | 4424  | (38.2) | 3217  | (34.6) |  |
|  35– years | 3383  | (29.2) | 2385  | (25.7) |  |
| Educational attainment |  |  |  |  | <0.001 |
|  High school or lower | 3657  | (31.6) | 678  | (41.7) |  |
|  College | 4512  | (38.9) | 605  | (37.2) |  |
|  University or higher | 3423  | (29.5) | 342  | (21.1) |  |
| Equivalent household income (/year) |  |  |  |  | <0.001 |
|  0–2 million Japanese yen | 2641  | (22.8) | 2285  | (28.2) |  |
|  2–3 million Japanese yen | 3669  | (31.7) | 2629  | (32.5) |  |
|  3–4 million Japanese yen | 2163  | (18.7) | 1426  | (17.6) |  |
|  4– million Japanese yen | 3119  | (26.9) | 1752  | (21.7) |  |
| Work status in early pregnancy |  |  |  |  | 0.52  |
|  Not working | 3935  | (34.0) | 2884  | (33.5) |  |
|  Working | 7657  | (66.1) | 5721  | (66.5) |  |
| Work status in middle pregnancy |  |  |  |  | 0.90  |
|  Not working | 4475  | (38.6) | 3094  | (38.7) |  |
|  Working | 7117  | (61.4) | 4903  | (61.3) |  |
| Psychological distress in early pregnancy |  |  |  |  | <0.001 |
|  No | 7695  | (66.4) | 5699  | (62.5) |  |
|  Yes | 3897  | (33.6) | 3419  | (37.5) |  |
| Psychological distress in middle pregnancy |  |  |  |  | <0.001 |
|  No | 8373  | (72.2) | 6177  | (67.7) |  |
|  Yes | 3219  | (27.8) | 2951  | (32.3) |  |
| Alcohol use in early pregnancy |  |  |  |  | <0.001 |
|  No | 9171 | (79.1) | 7525  | (81.6) |  |
|  Yes | 2421 | (20.9) | 1694  | (18.4) |  |
| Alcohol use in middle pregnancy |  |  |  |  | 0.047  |
|  No | 10849  | (93.6) | 8664  | (94.3) |  |
|  Yes | 743  | (6.4) | 528  | (5.7) |  |
| Percentages are shown after excluding women whose values were missing. |
| aObtained using the chi-squared test, comparing women who were analyzed and women who were not. |