**Supplement 1.** Comparison of characteristics between excluded and included pregnant mothers

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Excluded(n=252) | Included(n=985) | χ2 | p\* |
|  | **Mean** | **SD** | **Mean** | **SD** |  |  |
| Age, years | 30.08  | 5.36 | 30.70  | 5.11 |  | 0.086 |
|  |  |  |  |  |  |  |
|  | **n** | **%** | **n** | **%** |  |  |
| Parity |  |  |  |  | 0.715 | 0.398 |
|  Nulliparous | 90  | 48.4 | 443  | 45.0 |  |  |
|  Multiparous | 96  | 51.6 | 541  | 55.0 |  |  |
| Ethnicity |  |  |  |  | 0.928 | 0.629 |
|  Chinese | 134  | 53.2 | 557  | 56.6 |  |  |
|  Malay | 70  | 27.8 | 253  | 25.7 |  |  |
|  Indian | 48 | 19.0 | 175  | 17.8 |  |  |
| Education |  |  |  |  | 0.957 | 0.328 |
|  None/ primary/ secondary | 170  | 69.1 | 641  | 65.8 |  |  |
|  University | 76  | 30.9 | 333  | 34.2 |  |  |
| Physical activity |  |  |  |  | 0.180 | 0.671 |
|  <600 MET-minutes/week  | 65  | 35.3 | 328  | 33.7 |  |  |
|  ≥600 MET-minutes/ week | 119  | 64.7 | 645  | 66.3 |  |  |
| Body mass index, kg/m2 |  |  |  |  | 0.637 | 0.425 |
|  <23 | 49  | 50.0 | 534  | 54.2 |  |  |
|  ≥23 | 49  | 50.0 | 451  | 45.8 |  |  |

BMI, body mass index; METs, metabolic equivalents; SD, standard deviation.

\*p values are based on chi-square test or independent t-test as appropriate.