**Supplementary material**

**S1 Table.** Characteristics of Women with and without Information on Body Mass Index during early pregnancy

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|   | **Total N (%)** | **Missing valuesn (%)** | **BMI available n (%)** | **p-values** |
| Total | 1497 (100) | 52 (100) | 1445 (100) |   |
| **Hypertension** |  |  |  | 0.07 |
|   No | 996 (67%) | 34 (65%) | 962 (67%) |
|   Preexisting | 97 (6%) | 2 (4%) | 95 (7%) |
|   Gestational | 81 (5%) | 6 (12%) | 75 (5%) |
|   Preeclampsia | 319 (21%) | 9 (17%) | 310 (21%) |
|   superimposed | 4 (0%) | 1 (2%) | 3 (0%) |
| **Age, years** |  |  |  | 0.067 |
|   < 25 | 419 (28%) | 10 (19%) | 409 (28%) |
|   25-34  | 820 (55%) | 27 (52%) | 793 (55%) |
|   ≥ 35  | 258 (17%) | 15 (29%) | 243 (17%) |
| **Nationality** |  |  |  | 0.008 |
|   Icelandic | 1457 (97%) | 47 (90%) | 1410 (98%) |
|   other | 37 (3%) | 5 (10%) | 32 (2%) |
|  missing | 3 (0) | 0 | 3 (0%) |
| **Residency** |  |  |  | 0.14 |
|  capital area | 1,122 (75%) | 35 (67%) | 1,087 (75%) |
|   non capital area  | 271 (18%) | 14 (27%) | 257 (18%) |
|  missing | 104 (7%) | 3 (6%) | 101 (7%) |
| **Cohabitation** |  |  |  | 1.0 |
|  lives with other parent  | 1283 (86%) | 45 (87%) | 1238 (95%) |
|  single | 212 (14%) | 7 (13%) | 205 (5%) |
|  missing  | 2 (0%) | 0 | 2 (0%) |
| **Working status** |  |  |  | 0.43 |
|   paid work | 1,083 (72%) | 37 (71%) | 1,046 (72%) |
|   homemarker, not working, disability | 30 (2%) | 2 (4%) | 28 (2%) |
|   student | 202 (13%) | 5 (10%) | 197 (14%) |
|   other | 182 (12%) | 8 (15%) | 174 (12%) |
| **Parity, n**  |  |  |  | 0.084 |
| 0 | 676 (45%) | 17 (33%) | 659 (46%) |
| 1 | 452 (30%) | 16 (31%) | 436 (30%) |
|  ≥ 2 | 369 (25%) | 19 (37%) | 350 (24%) |
| **Multiple gestation** |  |  |  | 0.4 |
|   No | 1,395 (93%) | 47 (90%) | 1,348 (93%) |
|   Yes | 102 (7%) | 5 (10%) | 97 (7%) |

Abbreviations: BMI, body mass index; p-value, Fisher Exact Test for difference in proportions between BMI availability