**Supplementary table. Baseline maternal and offspring demographic characteristics according to pre-delivery maternal body mass index (BMI) (The newly added participants)**

|  |  |  |
| --- | --- | --- |
|  | BMI | *p\** |
|  | ＜25 kg/m2 (n=37) | 25-29.9 kg/m2 (n=42) | ≧30 kg/m2 (n=24) |
| **Maternal demographics** |  |  |  |  |
| Maternal age |  |  |  | 0.345 |
|  ＜ 35 years old |  32 (86.5%) |  31 (73.8%) | 18 (75.0%) |  |
|  ≧ 35 years old |  5 (13.5%) |  11 (26.2%) |  6 (25.0%) |  |
| Placenta weight | 680.54 ± 176.13 | 656.90 ± 163.98 | 657.00 ± 115.66 | 0.718 |
| Parity |  |  |  | 0.443 |
|  Primipara | 20 (54.1%) | 28 (66.7%) | 13 (54.2%) |  |
|  Multipara | 17 (45.9%) | 14 (33.3%) | 11 (45.8%) |  |
| **Offspring demographics** |  |  |  |  |
| Gestational age (days) | 39.09 ± 0.82 | 39.06 ± 0.96 | 38.72 ± 1.13 | 0.489 |
| Birth weight (kg) |  3.08 ± 0.26 |  3.20 ± 0.23 |  3.19 ± 0.27 | 0.169 |
| Birth BMI (kg/m2) | 12.34 ± 0.72 | 12.56 ± 0.76 | 12.50 ± 0.92 | 0.418 |
| Sex |  |  |  | 0.579 |
|  Boy | 15 (40.5%) | 19 (45.2%) | 13 (54.2%) |  |
|  Girl | 22 (59.5%) | 23 (54.8%) | 11 (45.8%) |  |
| Mode of delivery |  |  |  | 0.626 |
|  Vaginal  | 32 (86.5%) | 33 (78.6%) | 19 (79.2%) |  |
|  Cesarean section |  5 (13.5%) |  9 (21.4%) |  5 (20.8%) |  |
| Apgar score |  |  |  |  |
|  1 minute | 7.97 ± 0.16 | 8.02 ± 0.15 | 8.00 ± 0.00 | 0.274 |
|  5 minutes | 9.00 ± 0.00 | 9.02 ± 0.15 | 9.00 ± 0.00 | 0.484 |
| Data collected  |  |  |  |  |
|  1-year-old (days) | 380.16 ± 25.67 | 377.74 ± 24.50 | 380.21 ± 14.87 | 0.190 |
|  2-year-old (days) | 829.38 ± 34.60 | 813.64 ± 45.81 | 829.88 ± 32.58 | 0.198 |
| 1-year-old body type |  |  |  |  |
|  Normal | 35 (94.6 %) | 36 (85.7%) | 22 (91.7%) | 0.399 |
|  Overweight + Obesity | 2 (5.4 %) |  6 (14.3%) | 2 (8.3%) |  |
| 2-year-old body type |  |  |  |  |
|  Normal | 36 (97.3%) | 39 (92.9%) | 19 (79.2%) | 0.044 |
|  Overweight + Obesity | 1 (2.7%) | 3 (7.1%) |  5 (20.8%) |  |

Data are presented as means ± standard deviations or as numbers (proportion)

\**p* values were analyzed using the Kruskal-Wallis (for continuous variables) and Chi-square tests (for categorical variables)