

Table S1. Characteristics of participants during the period of the enrollment in Shanghai Maternal-Child Pairs Cohort (n=6714).

| Characteristics | Mean \pm SD or n (%) |
|--|------------------------|
| Maternal characteristics | |
| District | |
| Pu dong | 2963 (44.13) |
| Songjiang | 3751 (55.87) |
| Age (ages) | 28.89 \pm 4.17 |
| Education level | |
| Middle school and below | 794 (11.83) |
| High school or same level | 934 (13.91) |
| Junior college or same level | 2213 (32.96) |
| College and above | 2773 (41.30) |
| Race | |
| The Han nationality | 6610 (98.45) |
| Other | 104 (1.55) |
| Annual family income | |
| < ¥100,000 | 1794 (26.71) |
| ¥100,000-200,000 | 3066 (45.67) |
| ¥200,000-300,000 | 1217 (18.13) |
| \geq ¥300,000 | 637 (9.49) |
| Pre-pregnancy BMI (kg/m ²) | |
| < 18.5 | 1081 (16.10) |
| 18.5-24 | 4525 (67.40) |
| \geq 24 | 1108 (16.50) |
| Paternal characteristics | |
| Age (years) | 29.95 \pm 4.71 |
| FBMI category (kg/m ²) | |
| < 18.5 | 291 (4.33) |
| 18.5-24 | 3403 (50.69) |
| \geq 24 | 3020 (44.98) |