

Table S1. Baseline characteristics of the included and excluded pregnancies.

| Maternal characteristics | Total study population (n = 501) | Excluded pregnancies (n = 864) |
|--------------------------------------|---|---|
| Age at conception (years) | | |
| Mean (SD) | 32.7 (4.3) | 32.0 (4.8) |
| Missing | 0 | 158 |
| Geographical background | | |
| Non-western | 50 (10.4%) | 104 (16.6%) |
| Western | 431 (89.6%) | 523 (83.4%) |
| Missing | 20 | 237 |
| Educational level | | |
| Low | 33 (6.9%) | 50 (8.0%) |
| Medium | 159 (33.0%) | 225 (35.9%) |
| High | 290 (60.2%) | 352 (56.1%) |
| Missing | 19 | 237 |
| Parity | | |
| Nulliparous | 205 (42.4%) | 238 (38.0%) |
| Multiparous | 278 (57.6%) | 389 (62.0%) |
| Missing | 18 | 237 |
| Conception mode | | |
| IVF/ICSI | 271 (54.1%) | 166 (35.7%) |
| Natural | 230 (45.9%) | 299 (64.3%) |
| Missing | 0 | 399 |
| Body Mass Index (kg/m ²) | | |
| Mean (SD) | 24.7 (4.1) | 27.1 (5.5) |
| Missing | 0 | 265 |
| Folic acid supplement use | | |
| Inadequate | 62 (12.9%) | 154 (24.7%) |
| Adequate | 420 (87.1%) | 469 (75.3%) |
| Missing | 19 | 241 |
| Smoking | | |
| Yes | 66 (13.7%) | 90 (14.4%) |
| No | 417 (86.3%) | 534 (85.6%) |
| Missing | 18 | 240 |
| Alcohol | | |
| Yes | 139 (28.8%) | 184 (29.5%) |
| No | 344 (71.2%) | 440 (70.5%) |
| Missing | 18 | 240 |
| Drugs | | |
| Yes | 10 (2.1%) | 13 (2.1%) |
| No | 473 (97.9%) | 611 (97.9%) |
| Missing | 18 | 240 |
| Energy intake (kcal/day) | | |
| Mean (SD) | 1940 (562) | 1590 (678) |
| Missing | 0 | 386 |

Continuous data are presented as means with standard deviation (SD) and categorical data as numbers of individuals with percentages.