**Supplementary Table 1** Demographic characteristics and pregnancy outcomes of stillbirths and livebirths in singleton pregnancies

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Stillbirth(*n* = 494) | Livebirth(*n* = 94 848) | *P* value |
| Maternal age (years) | 31.0 (27.0–36.0) | 32.0 (28.0–35.0) | 0.037 |
|  > 35 years | 146 (29.6) | 23 765 (25.1) | 0.021 |
|   > 40 years | 34 (6.9) | 4073 (4.3) | 0.005 |
|   > 45 years | 3 (0.6) | 259 (0.3) | 0.225 |
| Maternal ethnicity |  |  |  |
|  White | 70 (43.0) | 17 974 (52.7) | 0.013 |
|  Black | 26 (16.0) | 4220 (12.4) | 0.164 |
|  Asian | 36 (22.1) | 6552 (19.2) | 0.349 |
|  Mixed | 31 (19.0) | 5365 (15.7) | 0.248 |
| BMI |  |  |  |
|   >25 kg/m2 | 214 (43.3) | 35 996 (37.9) | 0.014 |
|   >30 kg/m2 | 100 (20.2) | 13 191 (13.9) | < 0.001 |
|   >35 kg/m2 | 44 (8.9) | 4475 (4.7) | < 0.0001 |
|   >40 kg/m2 | 14 (2.8) | 1442 (1.5) | 0.018 |
| IMD |  |  |  |
|   1st quintile | 49 (10.2) | 7968 (8.5) | 0.182 |
|   2nd quintile | 153 (31.7) | 25 594 (27.2) | 0.027 |
|   3rd quintile | 157 (32.6) | 31 089 (33.1) | 0.816 |
|   4th quintile | 68 (14.1) | 16 254 (17.3) | 0.064 |
|   5th quintile  | 55 (11.4) | 13 068 (13.9) | 0.113 |
| Nulliparous | 244 (49.4) | 47 899 (50.5) | 0.626 |
| Spontaneous conception | 486 (98.4) | 93 428 (98.5) | 0.855 |
| Smoker during pregnancy | 49 (9.9) | 5922 (6.2) | < 0.001 |
| Alcohol consumed during pregnancy | 22 (4.5) | 5259 (5.5) | 0.331 |
| Gestational age at birth (weeks) | 32.4 (26.4–37.7) | 40.0 (39.0–40.9) | < 0.001 |
| Preterm birth |  |  |  |
|  < 37 weeks | 343 (69.4) | 5634 (5.9) | < 0.001 |
|  < 32 weeks | 240 (48.6) | 1132 (1.2) | < 0.001 |
|  < 28 weeks | 161 (32.6) | 454 (0.5) | < 0.001 |
| Birth weight (g) | 1675 (720–2680) | 3360 (3033–3690) | < 0.001 |

Data are given as median (interquartile range) or *n* (%). Index of multiple deprivation (IMD) ranges from most deprived (1st quintile) to least deprived (5th quintile). BMI, body mass index.