**Supplementary Table 2** Demographic characteristics and pregnancy outcomes of stillbirths and livebirths in twin pregnancies

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Stillbirth(*n* = 41) | Livebirth(*n* = 3535) | *P* value |
| Maternal age (years)  | 34 (32–37) | 34 (30–37) | 0.323 |
|  > 35 years | 13 (31.7) | 1115 (31.5) | 0.978 |
|  > 40 years | 4 (9.8) | 236 (6.7) | 0.431 |
|  > 45 years | 3 (7.3) | 25 (0.7) | < 0.001 |
| Maternal ethnicity |  |  |  |
|  White | 21 (60.0) | 1965 (60.9) | 0.914 |
|  Black | 5 (14.3) | 511 (15.8) | 0.809 |
|  Asian | 5 (14.3) | 411 (12.7) | 0.778 |
|  Mixed | 4 (11.4) | 342 (10.6) | 0.879 |
| BMI  |  |  |  |
|  > 25 kg/m2 | 12 (57.1) | 1252 (45.3) | 0.279 |
|  > 30 kg/m2 | 3 (14.3) | 471 (17.1) | 0.734 |
|  > 35 kg/m2 | 2 (9.5) | 166 (6.0) | 0.502 |
|  > 40 kg/m2 | 0 | 48 (1.7) |  |
| IMD |  |  |  |
|  1st quintile | 1 (7.1) | 119 (7.7) | 0.933 |
|  2nd quintile | 2 (14.3) | 390 (25.1) | 0.353 |
|  3rd quintile | 5 (35.7) | 475 (30.6) | 0.680 |
|  4th quintile | 1 (7.1) | 287 (18.5) | 0.2733 |
|  5th quintile | 5 (35.7) | 281 (18.1) | 0.0898 |
| Nulliparous | 27 (65.9) | 1953 (55.2) | 0.171 |
| Spontaneous conception | 30 (73.1) | 2590 (73.3) | 0.977 |
| Monochorionic | 24 (48.0) | 919 (24.3) | < 0.001 |
| Smoker during pregnancy | 20 (48.8) | 834 (23.6) | < 0.001 |
| Alcohol consumed during pregnancy | 3 (7.3) | 161 (4.6) | 0.414 |
| Gestational age at birth (weeks) | 32.0 (29.1–34.4) | 36.7 (34.7–37.4) | < 0.001 |
| Preterm birth |  |  |  |
|  < 37 weeks | 38 (92.7) | 1982 (56.1) | < 0.001 |
|  < 32 weeks | 18 (43.9) | 402 (11.4) | < 0.001 |
|  < 28 weeks | 10 (24.4) | 154 (4.4) | < 0.001 |
| Birth weight (g) | 1045 (500–1600) | 2386 (1999–2700) | < 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.