**Supplementary Table S1. Birth outcomes distribution according selected variables**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Variable** | **n** | **Birthweighta (g)** | **p** | **LBWb** | **p** | **SGAb** | **p** | **Birth lengtha (cm)** | **p** | **GABa** | **p** | **Preterm** | **p** |
| **Newborn’s sex** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Male | 85 | 3173.8 | 0.0002c | 5 (5.9) | **0.05g** | 13 (15.5) | 0.32 **g** | 50.6 | 0.23 **c** | 38.6 | 0.20 **c** | 8 (9.4) | 0.18 **g** |
| Female | 85 | 2904.5 |  | 13(15.3) |  | 18 (21.4) |  | 49.4 |  | 38.1 |  | 14 (16.3) |  |
| **GA at enrolment** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ≤ 12 | 123 | 3019.4 | 0.46 **c** | 14(11.4) | 0.57 **h** | 23(18.9) | 0.83 **g** | 49.6 | 0.18 **c** | 38.3 | 0.79 **c** | 16 (13.1) | 0.93 **g** |
| > 12 | 47 | 3090.9 |  | 4(8.5) |  | 8(17.4) |  | 51.0 |  | 88.4 |  | 6 (12.5) |  |
| **Maternal age** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <18 | 12 | 3186.3 | 0.57 **e** | 1(8.3) | 0.60 **h** | 2(16.7) | 0.40 **h** | 49.8 | 0.90 **e** | 39.1 | 0.59 **e** | 0 (0) |  |
| 18-34 | 141 | 3035.3 |  | 14(9.9) |  | 28(20) |  | 49.8 |  | 38.3 |  | 19(13.4) |  |
| ≥35 | 17 | 2967.1 |  | 3(17.7) |  | 1(6.25) |  | 51.9 |  | 38.2 |  | 3(17.7) |  |
| **Civil status** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Married/common law | 150 | 3061.2 | 0.16 **d** | 15 (10) | 0.50 **h** | 27(18.2) | 0.85 **h** | 50.0 | 0.86 **d** | 38.3 | 0.72 **d** | 19 (12.7) | 0.84 **h** |
| Without partner | 20 | 2874.0 |  | 3 (15.8) |  | 4(21.1) |  | 50.2 |  | 38.5 |  | 3 (15) |  |
| **Maternal Education** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ≤ Elementary school | 37 | 3089.5 | 0.40 **f** | 3(8.1) | 0.85 **h** | 4(11.1) | 0.21 **h** | 49.2 | 0.45 **f** | 38.8 | 0.51 **f** | 5(13.5) | 0.99 **g** |
| Junior high school | 87 | 3082.2 |  | 9(10.34) |  | 15(17.2) |  | 50.9 |  | 38.4 |  | 11(12.6) |  |
| > Junior high school | 46 | 2917.4 |  | 6(13.0) |  | 12(26.7) |  | 49.0 |  | 37.8 |  | 6(12.8) |  |
| **Previous pregnancies** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0 | 65 | 2997.9 | 0.95 **f** | 7 (10.8) | 0.95 **h** | 14 (21.5) | **0.10 h** | 49.3 | 0.63 **f** | 38.7 | 0.22 **f** | 4(6.2) | 0.18 **h** |
| 1 | 40 | 2996.5 |  | 5 (12.5) |  | 11(27.5) |  | 50.5 |  | 38.2 |  | 6(15.0) |  |
| 2 | 40 | 3077.6 |  | 4 (10.0) |  | 4(10.0) |  | 50.4 |  | 37.9 |  | 8(20.0) |  |
| ≥3 | 25 | 3153.6 |  | 2(8.0) |  | 2(8.0) |  | 50.4 |  | 38.2 |  | 4(16.0) |  |
| **Tobacco consumption history** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yes | 52 | 2979.0 | 0.35 **c** | 7(13.5) | 0.42 **g** | 11(21.6) | 0.49 **g** | 49.0 | 0.16 **c** | 38.2 | 0.73 **c** | 7(13.5) | 0.88 **g** |
| No | 118 | 3065.7 |  | 11(9.3) |  | 20(17.1) |  | 50.5 |  | 38.4 |  | 15(12.6) |  |
| **Alcohol consumption history** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Yes | 119 | 3047.3 | 0.77 **c** | 14(11.8) | 0.32 **h** | 26(21.9) | **0.06 g** | 49.2 | 0.56 **c** | 38.4 | 0.79 **c** | 12 (10.1) | **0.09** g |
| No | 51 | 3020.2 |  | 4 (7.8) |  | 5(10.0) |  | 49.6 |  | 38.2 |  | 10(19.6) |  |
| **Coffee intake** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| No | 49 | 3043.4 | 0.95 **c** | 6(12.2) | 0.66 **g** | 9(18.4) | 0.99 **g** | 49.7 | 0.67 **c** | 38.6 | 0.35 **c** | 4(8.2) | 0.24 **h** |
| Si | 121 | 3037.5 |  | 12(9.9) |  | 22(18.5) |  | 50.1 |  | 38.2 |  | 18(14.9) |  |
| **BMI (Kg/m2)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| <25 | 109 | 2978.4 | 0.22 **e** | 11(10.1) | 0.93 **h** | 23(21.1) | 0.27 **h** | 49.4 | 0.60 **e** | 38.3 | 0.71 **e** | 15(13.8) | 0.74 **h** |
| 25 to 29.9 | 42 | 3100.5 |  | 5(11.9) |  | 7(16.7) |  | 49.0 |  | 38.6 |  | 4(9.5) |  |
| ≥30 | 19 | 3252.1 |  | 2(10.5) |  | 1(5.3) |  | 50.0 |  | 38.1 |  | 3(15.8) |  |
| ***p,p-*DDE (ng/mL)** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| < 0.076 | 60 | 3040.9 | 0.67 **e** | 7(11.7) | 0.65 **h** | 11(18.6) | 0.38 **h** | 50.0 | 0.38 **e** | 38.1 | 0.77 **e** | 9(15.0) | 0.46 **h** |
| 0.076 to < 0.232 | 24 | 3164.4 |  | 1(4.2) |  | 2(8.33) |  | 53.2 |  | 39.0 |  | 1(4.2) |  |
| ≥0.232 | 86 | 3003.0 |  | 10(11.6) |  | 18 (21.2) |  | 49.1 |  | 38.3 |  | 12 (14.0) |  |

Abbreviations: GA (gestational age at enrollment); LBW (low birthweight); SGA (small for gestational age); GAB (gestational age at birth)

**a** Mean

**b** n (%)

**c** by T-Test

**d** by Mann-Whitney test

**e** by Kruskal-Wallis test

**f** by ANOVA

**g** by Chi-Square test

**h** by Fisher’s Exact test