Association between neonatal hyperbilirubinemia and hypoglycemia in Chinese women with diabetes in pregnancy and influence factors
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Table S1. Risk factors and outcomes for neonatal hypoglycemia and hyperbilirubinemia (n=7816)

| Maternal and obstetric factors | NH (n=455) or (mean ± SD) | Non-NH (n=7361) or (mean ± SD) | P-value | NHB (n=285) or (mean ± SD) | Non-NH (n=7531) or (mean ± SD) | P-value |
|-------------------------------|---------------------------|--------------------------------|----------|---------------------------|-------------------------------|----------|
| Height, cm                    | 158.73 ± 5.09             | 158.5 ± 5.12                   | .478     | 158.70 ± 5.32             | 158.56 ± 5.01                 | .646     |
| Age > 35 years                | 111 (24.40)               | 1609 (21.86)                   | .205†    | 52 (18.25)                | 1668 (22.15)                 | .118†    |
| Diabetes family history       | 49 (10.77)                | 806 (10.95)                    | .898†    | 28 (9.82)                 | 827 (10.98)                  | .548†    |
| Thalassemia                   | 12 (2.64)                 | 278 (3.78)                     | .212†    | 17(5.96)                  | 273 (3.63)                   | .040†    |
| Hysteromyoma                  | 26 (5.71)                 | 345 (4.69)                     | .317†    | 18 (6.32)                 | 353 (4.69)                   | .204†    |
| Anemia in pregnancy           | 81 (17.80)                | 1536 (20.87)                   | .117†    | 52 (18.25)                | 1676 (8.98)                  | .300†    |
| Hypothyroidism                | 46 (10.11)                | 655 (8.90)                     | .380†    | 25 (8.77)                 | 676 (8.98)                   | .906†    |
| Viral hepatitis type B        | 27 (5.93)                 | 433 (5.88)                     | .964†    | 15 (5.26)                 | 445 (5.91)                   | .649†    |
| Thrombocytopenia              | 18 (3.96)                 | 204 (2.77)                     | .140†    | 6 (2.11)                  | 216 (2.87)                   | .447†    |
| GBS infection                 | 16 (3.52)                 | 307 (4.17)                     | .496†    | 19 (6.67)                 | 304(4.04)                    | .029†    |
| GWG, kg                       | 12.62 ± 5.60              | 12.21 ± 4.70                   | .083     | 12.23 ± 5.13              | 12.24 ± 4.75                 | .983     |
| BMI > 30 kg/m2                | 14 (3.08)                 | 141 (1.92)                     | .085†    | 9(3.16)                   | 146 (1.94)                   | .147†    |
| ICP                           | 10 (2.20)                 | 214 (2.91)                     | .379†    | 10 (3.51)                 | 214 (2.84)                   | .508†    |
| Placental abruption           | 6 (1.32)                  | 54 (0.73)                      | .165†    | 0 (0.00)                  | 60 (0.80)                    | .130†    |
| Obstetric factors             |                           |                                |          |                           |                               |          |
| Oligohydramnios               | 55 (12.09)                | 761 (10.34)                    | .236†    | 29 (10.18)                | 787 (10.45)                  | .882†    |
| Polyhydramnios                | 6 (1.32)                  | 60 (0.82)                      | .255†    | 4(1.40)                   | 62 (0.82)                    | .293†    |
| Chorioamnionitis              | 5 (1.10)                  | 83(1.13)                       | .955†    | 7 (2.46)                  | 81 (1.08)                    | .030†    |
| UCAN                          | 113 (24.84)               | 2060 (27.99)                   | .146†    | 84(29.47)                 | 2089 (27.74)                 | .521†    |
| Apgar 5min                    | 1 (0.22)                  | 4 (0.05)                       | .176†    | 5 (0.35)                  | 4 (0.05)                     | .051†    |

Values are (mean ± SD) or n (%), † Chi-squared. NH, neonatal hypoglycemia; NHB, neonatal hyperbilirubinemia; UCAN, Umbilical cord around neck; GBS, group B streptococci; CP, intrahepatic cholestasis of pregnancy; GWG, gestational weight gain.