**Supplemental Table 1. Adjusted model of control mother employment during B3-Pend, National Birth Defects Prevention Study, 1997-2007, restricted to complete data**

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| --- | --- | --- | --- | --- |
| **Covariable** | | **Adjusted OR**  **(95% CI)** | **β** | **Standard Error** |
| Maternal age | |  |  |  |
|  | <20 years old | 0.42 (0.32-0.54) | -0.7980 | 0.1036 |
|  | 20-24 | 1.01 (0.84-1.22) | 0.0896 | 0.0670 |
|  | 25-29 | 1.00 (ref) |  |  |
|  | 30-34 | 1.29 (1.08-1.54) | 0.3315 | 0.0669 |
|  | 35+ | 1.25 (1.01-1.55) | 0.3008 | 0.0840 |
| Paternal race/ethnicity | |  |  |  |
|  | Non-Hispanic white | 1.00 (ref) |  |  |
|  | Non-Hispanic black | 1.98 (1.59-2.47) | 0.4351 | 0.0850 |
|  | Hispanic | 1.24 (1.00 - 1.54) | -0.0354 | 0.0780 |
|  | Other | 1.10 (0.85-1.43) | -0.1518 | 0.0956 |
| Maternal nativity | |  |  |  |
|  | US-born | 1.00 (ref) |  |  |
|  | Born outside the USA | 0.67 (0.56-0.81) | -0.3967 | 0.0943 |
| Maternal education | |  |  |  |
|  | < High school diploma | 0.39 (0.30-0.51) | -0.5861 | 0.0721 |
|  | Completed high school | 0.88 (0.73-1.06) | 0.2312 | 0.0462 |
|  | Bachelor's degree or higher | 1.00 (ref) |  |  |
| Paternal education | |  |  |  |
|  | < High school diploma | 1.61 (1.25-2.07) | 0.1231 | 0.0697 |
|  | Completed High school | 1.79 (1.50-2.14) | 0.2304 | 0.0463 |
|  | Bachelor's degree or higher | 1.00 (ref) |  |  |
| Household income | |  |  |  |
|  | < 10 thousand dollars | 0.40 (0.32-0.51) | -0.5467 | 0.7070 |
|  | 10 to 30 thousand dollars | 0.70 (0.57-0.86) | 0.0113 | 0.0555 |
|  | 30 to 50 thousand dollars | 0.82 (0.68-1.00) | 0.1689 | 0.0622 |
|  | More than Fifty Thousand | 1.00 (ref) |  |  |
| Household size | |  |  |  |
|  | 2 people or less | 1.00 (ref) |  |  |
|  | 3-4 people | 0.38 (0.32-0.45) | -0.2636 | 0.0649 |
|  | 5-6 people | 0.32 (0.25-0.42) | -0.4308 | 0.0825 |
|  | 7 or more people | 0.48 (0.31-0.75) | -0.0157 | 0.1511 |
| Center | |  |  |  |
|  | Arkansas | 1.03 (0.79-1.35) | 0.0191 | 0.0881 |
|  | California | 0.96 (0.73-1.26) | -0.0502 | 0.0904 |
|  | Iowa | 1.79 (1.33-2.40) | 0.5683 | 0.1036 |
|  | Massachusetts | 0.88 (0.68-1.15) | -0.1398 | 0.0893 |
|  | New Jersey | 0.80 (0.60-1.08) | -0.2338 | 0.1097 |
|  | New York | 1.09 (0.82-1.45) | 0.0741 | 0.1023 |
|  | Texas | 0.82 (0.62-1.09) | -0.2049 | 0.0947 |
|  | CDC/Atlanta | 1.00 (ref) |  |  |
|  | North Carolina | 1.21 (0.89-1.64) | 0.1785 | 0.1132 |
|  | Utah | 0.83 (0.62-1.10) | -0.2003 | 0.0973 |
| Parity | |  |  |  |
|  | (continuous) | 0.74 (0.68-0.79) | -0.3071 | 0.0392 |
| Prior miscarriage | |  |  |  |
|  | Yes | 0.87 (0.75-1.00) | -0.1413 | 0.0733 |
|  | No | 1.00 (ref) |  |  |
| Pregnancy intendedness | |  |  |  |
|  | Pregnancy was intended | 1.00 (ref) |  |  |
|  | Pregnancy was unintended | 1.26 (1.09-1.45) | 0.1305 | 0.0554 |
|  | Neither planned nor unplanned | 1.07 (0.85-1.35) | -0.0332 | 0.0769 |
| Use of fertility medications / treatments | |  |  |  |
|  | Yes | 1.48 (1.05-2.08) | 0.1955 | 0.0865 |
|  | No | 1.00 (ref) |  |  |
| Maternal pre-pregnancy BMI | |  |  |  |
|  | Underweight (BMI <18.5) | 0.72 (0.56-0.94) | -0.2591 | 0.0992 |
|  | Normal weight (18.5 <=BMI <25) | 1.00 (ref) |  |  |
|  | Overweight (25 <=BMI <30) | 1.07 (0.92-1.25) | 0.1361 | 0.0625 |
|  | Obese (>=30) | 0.99 (0.83-1.18) | 0.0554 | 0.0692 |
| Maternal hypertension (HBP) | |  |  |  |
|  | No history of HBP ever | 1.00 (ref) |  |  |
|  | History of HBP, but not during index pregnancy | 0.74 (0.56-0.97) | -0.3093 | 0.0983 |
|  | HBP during pregnancy (with or without prior history) | 1.38 (1.10-1.74) | 0.3155 | 0.0877 |
| Maternal smoking, B1-P3§ | |  |  |  |
|  | Yes | 1.20 (1.01-1.44) | 0.0919 | 0.0452 |
|  | No | 1.00 (ref) |  |  |
| Maternal alcohol consumption, B1-P3§ | |  |  |  |
|  | Yes | 1.53 (1.33-1.76) | 0.2122 | 0.0356 |
|  | No | 1.00 (ref) |  |  |
| B1-P1: one month prior to conception through the first month of pregnancy; B1-P3: one month prior to conception through the first three months of pregnancy; B3-Pend: three months prior to conception through the end of pregnancy; CI: Confidence interval; OR: Odds ratio; SE: standard error  a Each variable is adjusted for all other variables in the table | | | | |