|  |
| --- |
| **Supplemental Table 1.** Coefficient estimates for the association between various temperature indicators and birthweight among term babies in New York State, 1991-2006” |
| Variables a | 20th Percentile | 40th Percentile | 60th Percentile | 80th Percentile |
|  | Coefficient Estimate (95% CI) c | Coefficient Estimate (95% CI) | Coefficient Estimate (95% CI) | Coefficient Estimate (95% CI) |
| EHE97 b | -2.92 (-13.10, 7.26) | -0.88(-8.22, 6.45) | -4.29 (-11.22, 2.64) | -7.38 (-15.09, 0.32) |
|  |  |  |  |  |
| HW 97 1st Trimester | -13.44 (-27.84, 0.95) | -7.22 (-17.54, 3.10) | -3.62 (-13.34, 6.10) | -3.19(-14.21, 7.84) |
| HW 97 2nd Trimester | 11.94 (-1.17, 25.05) | 8.98 (-0.82, 18.77) | 6.56 (-2.63, 15.75) | 1.27 (-9.26, 11.78) |
| HW 97 3rd Trimester | -8.79 (-22.35, 4.78) | -3.72 (-13.52, 6.07) | -3.05 (-12.13, 6.02) | -5.79 (-15.96, 4.39) |
|  |  |  |  |  |
| EHE97 duration |  |  |  |  |
| 2 days vs 0 | -2.31 (-12.75, 8.13) | 0.89 (-6.61, 8.39) | -2.33 (-9.51, 4.86) | -6.28 (-14.15, 1.59) |
| 3 days vs 0 | -6.80 (-24.56, 10.96) | -9.89 (-22.66, 2.87) | -17.25 (-29.47, -5.02) | -15.33 (-28.72, -1.94) |
|  |  |  |  |  |
| EHE97 duration T1 |  |  |  |  |
| 2 days vs 0 | -8.67 (-23.69, 6.35) | -2.91 (-13.65, 7.84) | 1.20 (-8.96, 11.36) | 0.90 (-10.57, 12.37) |
| 3 days vs 0 | -26.60 (-57.03, 3.83) | -36.25 (-58.02, -14.48) | -32.24 (-52.83, -11.66) | -30.55 (-53.79, 7.31) |
|  |  |  |  |  |
| EHE97 duration T2 |  |  |  |  |
| 2 days vs 0 | 12.72 (-1.25, 26.69) | 8.72 (-1.70, 19.15) | 6.76 (-3.03, 16.55) | -0.16 (-11.30, 10.98) |
| 3 days vs 0 | 7.24 (-19.81, 34.29) | 9.92 (-10.27, 30.11) | 3.69 (-15.26, 22.65) | 8.90 (-12.69, 30.49) |
|  |  |  |  |  |
| EHE97 duration T3 |  |  |  |  |
| 2 days vs 0 | -8.14 (-22.50, 6.21) | -1.99 (-12.34, 8.35) | -0.92 (-10.44, 8.60) | -4.83 (-15.64, 5.98) |
| 3 days vs 0 | -9.49 (-37.23, 18.24) | -14.88 (-34.87, 5.11) | -10.98 (-29.37, 7.41) | -10.91 (-31.80, 9.98) |
|  |  |  |  |  |
| EHE97 frequency |  |  |  |  |
| 1 vs 0  | -2.00 (-12.59, 8.59) | -1.10 (-8.71, 6.52) | -4.26 (-11.45, 2.92) | -6.94 (-14.97, 1.09) |
| 2 or more days vs 0 | -6.11 (-21.31, 9.08) | -0.60 (-11.53, 1.033) | -4.77 (-15.10, 5.56) | -9.55 (-21.08, 1.97) |
|  |  |  |  |  |
| EHE97 frequency T1 |  |  |  |  |
| 1 vs 0  | -14.61 (-29.22, -0.01) | -7.81 (-18.26, 2.63) | -4.10 (-13.89, 5.69) | -3.30 (-14.39, 7.79) |
| 2 or more days vs 0 | 10.95 (-37.58, 59.48) | 10.85 (-23.85, 45.54) | 10.12 (-22.38, 42.63) | -1.10 (-37.95, 35.74) |
|  |  |  |  |  |
| EHE97 frequency T2 |  |  |  |  |
| 1 vs 0  | 12.25 (-1.09, 25.58) | 9.29 (-0.70, 19.29) | 6.68 (-2.66, 16.02) | -0.38 (-11.09, 10.34) |
| 2 or more days vs 0 | 11.33 (-35.64, 58.29) | -5.67 (-40.88, 29.54) | 3.99 (-28.92, 36.89) | 32.17 (-5.56, 69.91) |
|  |  |  |  |  |
| EHE97 frequency T3 |  |  |  |  |
| 1 vs 0  | -8.73 (-22.47, 5.00) | -4.27 (-14.20, 5.66) | -3.41 (-12.56, 5.74) | -6.13 (-16.42, 4.16) |
| 2 or more days vs 0 | -5.58 (-53.07, 41.91)  | 1.58 (-32.75, 35.91) | 4.66 (-26.98, 36.30) | -1.20 (-36.79, 34.39) |
| a Adjusted for atmospheric pressure, relative humidity, weather region, year of birth, pm2.5, ozone, maternal age, ethnicity, education, smoking, alcohol consumption, race, and adequacy of prenatal care.Abbreviations: b EHE97, two consecutive days of temperature equal or above the 97th percentile of the distribution of the maximum temperature for the summer season; c 95% CI, 95% confidence intervals |