Table S3. Adjusteda odds ratios (aOR) and 95% confidence intervals (CIs) for preterm birth comparing highest quartileb to lower 3 quartiles of each pollutant exposure among those without low neighborhood socioeconomic status (N=203,256).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Exposure | Gestational age in weeks | Entire Pregnancy | First Trimester | Second Trimester | Third Trimester |
| aOR | 95% CIs | aOR | 95% CIs | aOR | 95% CIs | aOR | 95% CIs |
| CO | 37-42 | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- |
| 34-36 | **1.14** | 1.10 | 1.19 | **1.05** | 1.00 | 1.09 | 1.03 | 0.99 | 1.08 | 0.99 | 0.95 | 1.04 |
| 32-33 | **1.13** | 1.02 | 1.25 | 0.91 | 0.83 | 1.00 | 1.04 | 0.94 | 1.14 | 1.09 | 0.99 | 1.20 |
| 28-31 | 1.09 | 0.96 | 1.24 | 0.90 | 0.79 | 1.01 | **1.16** | 1.03 | 1.31 | 1.07 | 0.95 | 1.22 |
| 24-27 | 0.83 | 0.66 | 1.05 | 0.86 | 0.70 | 1.06 | **1.47** | 1.21 | 1.79 | NC | -- | -- |
| 20-23 | **0.61** | 0.43 | 0.87 | **0.56** | 0.40 | 0.77 | 1.29  | 0.97 | 1.71 | NC | -- | -- |
| NO2 | 37-42 | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- |
| 34-36 | **1.11** | 1.06 | 1.15 | 1.03 | 0.99 | 1.06 | **1.05** | 1.02 | 1.09 | 1.00 | 0.97 | 1.04 |
| 32-33 | **1.13** | 1.03 | 1.25 | 0.97 | 0.89 | 1.06 | 1.05 | 0.96 | 1.15 | 1.03 | 0.94 | 1.13 |
| 28-31 | 1.13 | 1.00 | 1.27 | 0.97 | 0.86 | 1.08 | 1.10 | 0.99 | 1.23 | 1.02 | 0.91 | 1.15 |
| 24-27 | 1.08 | 0.88 | 1.33 | 0.89 | 0.74 | 1.08 | 1.13 | 0.93 | 1.37 | NC | -- | -- |
| 20-23 | 0.88 | 0.65 | 1.19 | **0.61** | 0.46 | 0.82 | **1.49** | 1.12 | 1.97 | NC | -- | -- |
| PM10 | 37-42 | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- |
| 34-36 | **1.10** | 1.06 | 1.14 | **1.12** | 1.08 | 1.16 | **1.10** | 1.06 | 1.15 | 1.03 | 0.99 | 1.07 |
| 32-33 | **1.13** | 1.03 | 1.24 | **1.18** | 1.08 | 1.30 | **1.14** | 1.04 | 1.25 | 1.04 | 0.95 | 1.14 |
| 28-31 | **1.20** | 1.06 | 1.36 | **1.31** | 1.17 | 1.47 | **1.28** | 1.14 | 1.43 | 0.91 | 0.80 | 1.03 |
| 24-27 | **1.76** | 1.45 | 2.13 | **1.46** | 1.21 | 1.76 | **1.51** | 1.25 | 1.83 | NC | -- | -- |
| 20-23 | **2.29** | 1.77 | 2.97 | 1.06 | 0.81 | 1.40 | **2.38**  | 1.84 | 3.07 | NC | -- | -- |
| PM2.5 | 37-42 | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- | 1.00 | -- | -- |
| 34-36 | **1.27** | 1.22 | 1.32 | **1.04** | 1.01 | 1.08 | **1.08** | 1.04 | 1.12 | 0.96 | 0.93 | 1.00 |
| 32-33 | **1.54** | 1.41 | 1.68 | 0.96 | 0.88 | 1.05 | **1.19** | 1.09 | 1.30 | 1.01 | 0.92 | 1.11 |
| 28-31 | **1.62** | 1.45 | 1.81 | 0.97 | 0.87 | 1.08 | **1.47** | 1.32 | 1.63 | **1.26** | 1.12 | 1.41 |
| 24-27 | **1.81** | 1.50 | 2.18 | 0.91 | 0.75 | 1.10 | **1.85** | 1.55 | 2.22 | NC | -- | -- |
| 20-23 | 1.25  | 0.95 | 1.65 | **0.69** | 0.52 | 0.91 | **2.36**  | 1.84 | 3.05 | NC | -- | -- |

Abbreviations: OR, odds ratio; CI, confidence interval; NC, not calculated

aAdjusted for maternal age, education, race, infant birth weight, prenatal care initiation in first trimester, Medi-Cal payment of birth costs

bCut-offs for highest quartile of exposure: CO 0.60 ppm; NO2 19.49 ppb; PM10 42.77 μg/m3; PM2.5 20.75 μg/m3