**Supplemental Digital Content 5. Adjusted Odds Ratios for Variables in Multivariable Models for California and Sweden**

|  |  |  |
| --- | --- | --- |
|  | **California a** | **Sweden b** |
|  | **Adjusted Odds Ratio**  **(95% CI)** | **Adjusted Odds Ratio**  **(95% CI)** |
| **Gestational Age (weeks)** |  |  |
| 22 – 27 | 1.48 (1.33-1.65) | 1.01 (0.75-1.38) |
| 28 – 31 | 1.12 (1.02-1.24) | 1.14 (0.93-1.39) |
| 32 - 34 | 1.10 (1.04-1.17) | 0.99 (0.87-1.13) |
| 35 - 36 | 0.98 (0.94-1.02) | 0.97 (0.89-1.06) |
| 37 - 38 | Reference | Reference |
| 39 – 40 | 1.17 (1.15-1.20) | 1.07 (1.03-1.11) |
| 41 - 42 | 2.04 (1.98-2.09) | 1.62 (1.56-1.69) |
| **Maternal Age (years)** |  |  |
| < 20 | 1.02 (0.98-1.05) | 0.62 (0.52-0.73) |
| 20-34 | Reference | Reference |
| 35-39 | 1.07 (1.04-1.09) | 1.27 (1.22-1.31) |
| ≥ 40 | 1.16 (1.12-1.20) | 1.46 (1.38-1.56) |
| **Race** |  |  |
| White Non-Hispanic | Reference | XX |
| Black Non-Hispanic | 1.11 (1.07-1.16) | XX |
| Asian / Pacific- Islander Non-Hispanic | 1.45 (1.41-1.49) | XX |
| Hispanic | 1.21 (1.19-1.24) | XX |
| American Indian/Alaska Native | 1.37 (1.20-1.57) | XX |
| Other | 1.19 (1.15-1.24) | XX |
| **Insurance type** |  |  |
| Government | Reference | XX |
| Private | 1.25 (1.23-1.27) | XX |
| Self-pay/Other | 0.68 (0.65-0.72) | XX |
| **Maternal Country of Birth** |  |  |
| Africa | XX | 1.04 (0.98-1.10) |
| Americas | XX | 1.22 (1.09-1.37) |
| South-East Asia | XX | 1.17 (1.06-1.30) |
| Europe | XX | Reference |
| East Mediterranean | XX | 0.81 (0.76-0.85) |
| West Pacific | XX | 1.78 (1.63-1.95) |
| **BMI c** |  |  |
| Underweight | 0.89 (0.85-0.93) | 0.86 (0.78-0.95) |
| Normal weight | Reference | Reference |
| Overweight | 1.06 (1.04-1.08) | 1.14 (1.10-1.18) |
| Obese I | 1.04 (1.02-1.07) | 1.19 (1.14-1.25) |
| Obese II | 1.00 (0.97-1.04) | 1.21 (1.12-1.30) |
| Obese III | 1.04 (1.00-1.09) | 1.28 (1.13-1.44) |
| **Parity** |  |  |
| Nulliparous | Reference | Reference |
| Multiparous | 0.82 (0.81-0.83) | 0.69 (0.67-0.71) |
| **Placenta Previa** | 3.99 (3.78-4.22) | 6.5 (5.9-7.3) |
| **Hypertensive disease of pregnancy d** | 2.26 (2.20-2.32) | 1.52 (1.44-1.60) |
| **Polyhydramnios** | 1.22 (1.11-1.34) | 1.51 (1.30-1.76) |
| **Macrosomia** | 1.44 (1.38-1.50) | 2.47 (2.30,2.65) |
| **Chorioamnionitis** | 2.83 (2.75-2.92) | 2.13 (1.79-2.53) |

BMI = Body Mass Index; CI = Confidence Intervals

a Model diagnostic data for California: Akaike Information Criteria: 573256.1; Log-likelihood = -286589.1

b Model diagnostic data for Sweden: Akaike Information Criteria: 164390.1; Log-likelihood = -82164.0

c Pre-pregnancy body mass index in California; body mass index at first prenatal visit in Sweden.

d includes: gestational hypertension, pre-eclampsia, and eclampsia.

XX denotes models where data are not available