**Supplemental Digital Content 7. Association between gestational age at birth and postpartum hemorrhage accounting for clustering by delivery hospital in California and Sweden.**

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|  | **California** | **Sweden** |
|  | **Univariable Model** | **Multivariable Model a** | **Univariable Model** | **Multivariable Model b** |
| **Gestational Age (weeks)** | **OR** **(95% CI)** | **Adjusted OR****(95% CI)** | **OR****(95% CI)** | **Adjusted OR** **(95% CI)** |
| 22 – 27 | 1.97 (1.54-2.53) | 1.63 (1.28-2.09) | 1.85 (1.00-3.42) | 1.40 (0.71-2.75) |
| 28 – 31 | 1.24 (0.99-1.54) | 0.98 (0.80-1.21) | 1.38 (0.89-2.15) | 1.13 (0.71-1.80) |
| 32 – 34  | 1.16 (1.00-1.35) | 0.98 (0.85-1.14) | 1.26 (0.90-1.76) | 0.97 (0.71-1.33) |
| 35 – 36  | 1.02 (0.92-1.13) | 0.93 (0.84-1.02) | 1.14 (0.90-1.44) | 0.94 (0.75-1.19) |
| 37 – 38 | Reference Group | Reference Group | Reference Group | Reference Group |
| 39 – 40 | 1.09 (1.04-1.13) | 1.14 (1.10-1.19) | 0.98 (0.88-1.09) | 1.07 (0.96-1.19) |
| 41 - 42 | 1.63 (1.51-1.76) | 1.64 (1.53-1.76) | 1.48 (1.33-1.65) | 1.57 (1.41-1.75) |

CI = Confidence Intervals; OR = odds ratio; PPH = postpartum hemorrhage

a Adjusted for maternal age, race/ethnicity, insurance type, pre-pregnancy body mass index, hypertensive disorder of pregnancy, placenta previa, macrosomia, chorioamnionitis.

b Adjusted for maternal age, country of birth (world region), body mass index at first antenatal visit, hypertensive disorder of pregnancy, placenta previa, macrosomia, chorioamnionitis.