**Table S1.** Association of SARS-CoV-2 infection during the Omicron wave with maternal and perinatal adverse outcomes in confounder matched cohort of Delta wave infection.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variables** | **Delta-wave****(n=154)** | **Omicron-wave** **(n=77)** | **RR (95% CI)\*** | ***P value*** |
| Maternal adverse outcomes |  |  |  |  |
| * Preeclampsia
 | 4 (2.6) | 5 (6.5) | 2.5 (0.69 – 9.04) | .162 |
| * Nasal O2 support
 | 38 (24.7) | 5 (6.5) | 0.26 (0.11 – 0.64) | .003 |
| * CPAP or high-flow O2
 | 14 (9.1) | 4 (5.2) | 0.57 (0.19 – 1.68) | .308 |
| * Mechanical ventilation
 | 7 (4.5) | 1 (1.3) | 0.28 (0.03 – 2.28) | .237 |
| * ECMO
 | 3 (1.9) | 0 (0.0) | NE | - |
| * Maternal death
 | 5 (3.2) | 1 (1.3) | 0.40 (0.05 – 3.36) | .399 |
| Perinatal adverse outcomes | **Delta-wave****(n=70)** | **Omicron wave****(n=36)** |  |  |
| * Preterm birth <37 weeks
 | 9 (12.8) | 3 (8.3) | 0.65 (0.18 – 2.25) | .494 |
| * Preterm birth <34 weeks
 | 4 (5.7) | 1 (2.8) | 0.48 (0.05 – 4.19) | .511 |
| * Stillbirth
 | 3 (4.3) | 0 (0.0) | 0.56 (0.06 – 5.31) | .615 |

\*Generalized estimating equations with log-binomial link function using matching ID as clusters

ECMO: extracorporeal membrane oxygenation, CPAP: continuous positive airway pressure, RR: risk ratio