**Supplemental Digital Content 4. Associations between neuraxial labor analgesia and neonatal morbidity in the propensity score matched cohorts.**

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|  | **Neuraxial Analgesia**  **N (%)** | **No Neuraxial Analgesia**  **N (%)** | **Relative Risk (95% CI)** | ***P*-value** |
| Neonatal morbidity (primary outcome)a | 1,494 (10.4%) | 1,271 (8.9%) | 1.18 (1.10-1.26) | <0.001 |
| Neonatal morbidity (secondary outcome)b | 805 (5.6%) | 785 (5.5%) | 1.03 (0.93-1.23) | 0.606 |

a Neonatal morbidity is any of the following: 5-min Apgar score <7, requirement for immediate assisted ventilation, assisted ventilation for >6 hr, neonatal intensive care unit admission; neonatal transfer to a different facility within 24 hr of delivery, or neonatal seizure or serious neurologic dysfunction.

b Neonatal morbidity is any of the following: 5-min Apgar score <7, requirement for immediate assisted ventilation, assisted ventilation for >6 hr, or neonatal seizure or serious neurologic dysfunction.

CI = confidence intervals; RR = relative risk