**Supplemental Table. Confounders included in the high dimensional propensity score models**

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| **A priori confounders forced into HDPS model** | **Confounders selected from the following data elements using the HDPS algorithm** |
| Maternal age  | Diagnostic codes from physician visits in the year prior to pregnancy (OHIP database)  |
| Maternal prior live birth | Diagnostic codes from emergency department visits in the year prior to pregnancy (NACRS database) |
| Maternal income quintile  | Inpatient diagnostic codes from the hospital discharge abstract in the year prior to pregnancy (CIHI database) |
| Maternal diabetes in the year prior to pregnancy | Prescription medications excluding opioid analgesics in the year prior to pregnancy (ODB database, available for ODB recipients only) |
| Maternal Elixhauser comorbidity score based on data in year prior to pregnancy  |  |
| Maternal obesity in the year prior to pregnancy |  |
| Maternal hypertension in the year prior to pregnancy |  |
| Maternal pain in the year prior to pregnancy |  |
| Prescribed prenatal benzodiazepines or barbiturates |  |
| Year of delivery |  |

OHIP: Ontario Health Insurance Plan; NACRS: National ambulatory Care Reporting System; CIHI: Canadian Institute of Hospital Information; ODB: Ontario Drug Benefit