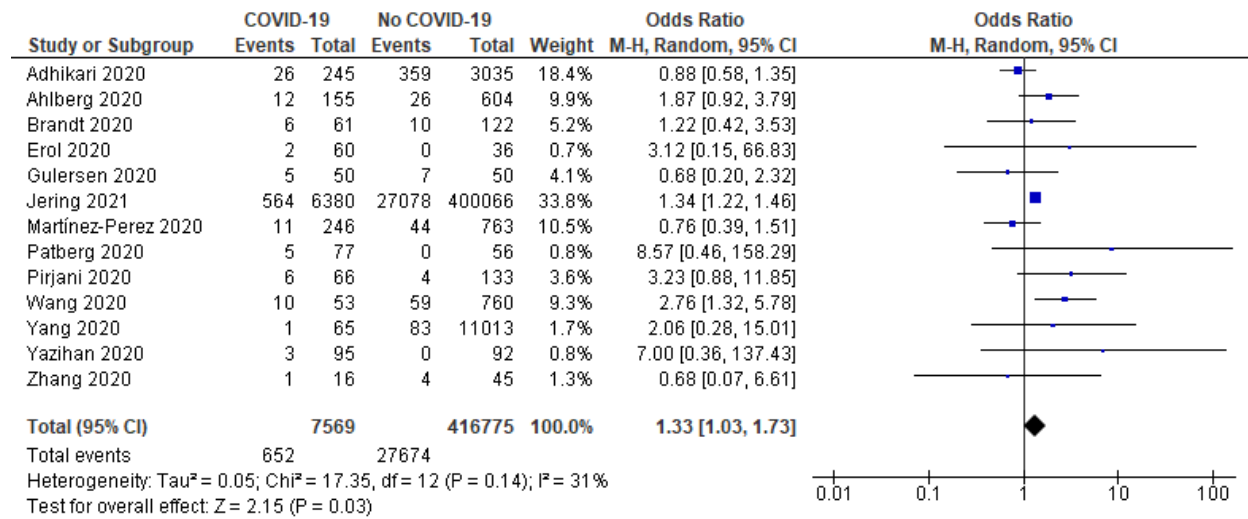


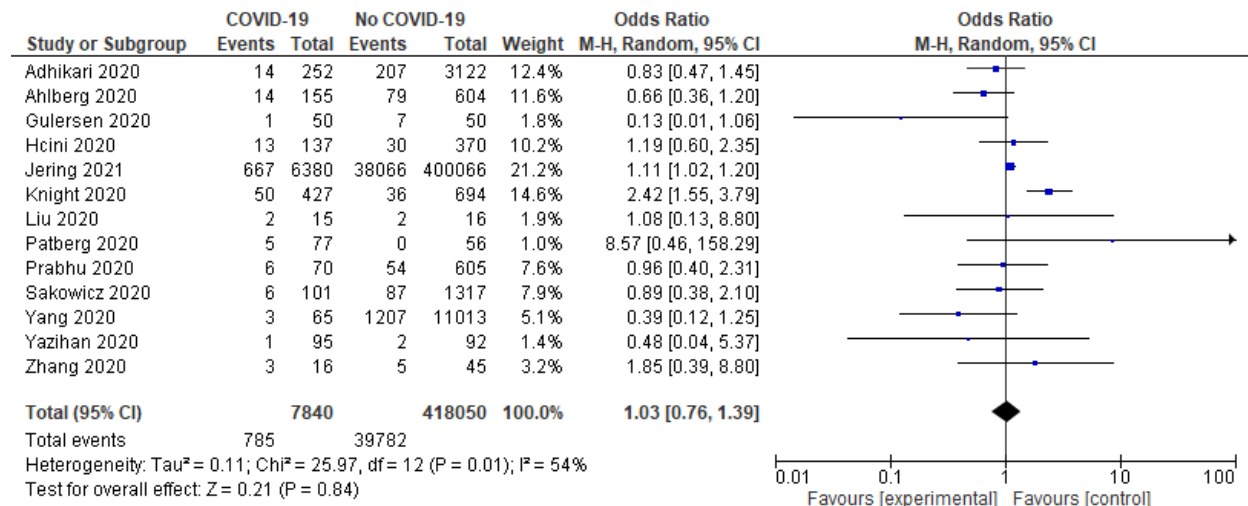
Appendix 4. Forest plots of summary crude odds ratio (OR) for the association between COVID-19 and pregnancy outcomes using random-effects models

4.1 COVID-19 vs no COVID-19

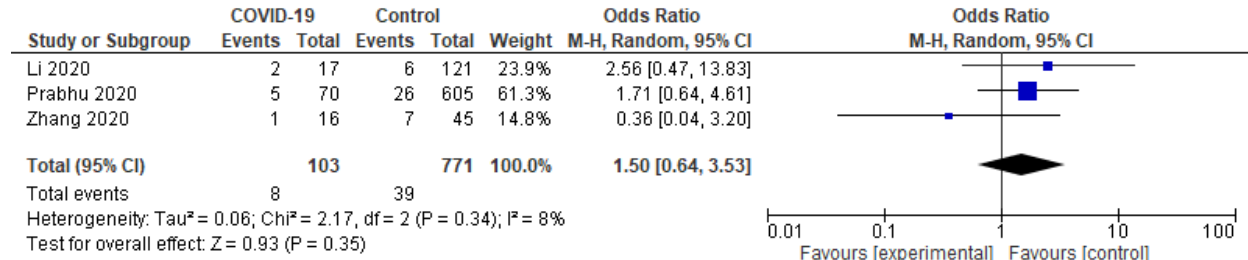
4.1.1 Association of COVID-19 with preeclampsia



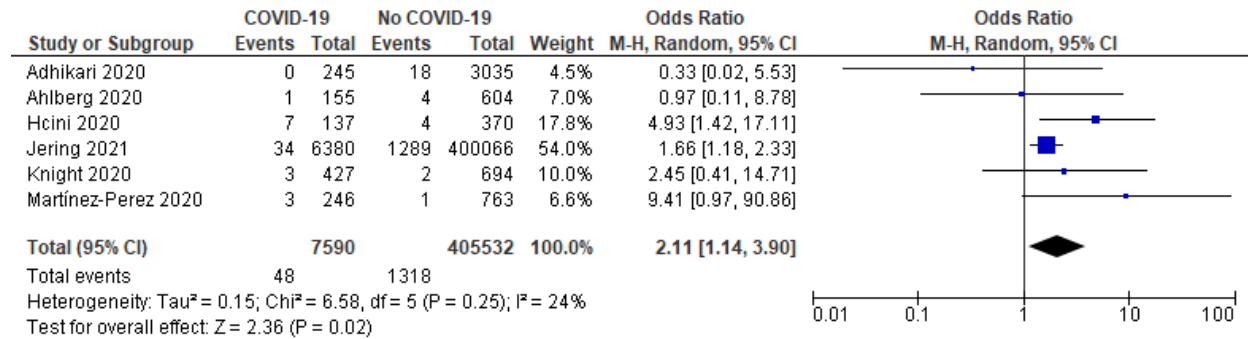
4.1.2 Association of COVID-19 with gestational diabetes



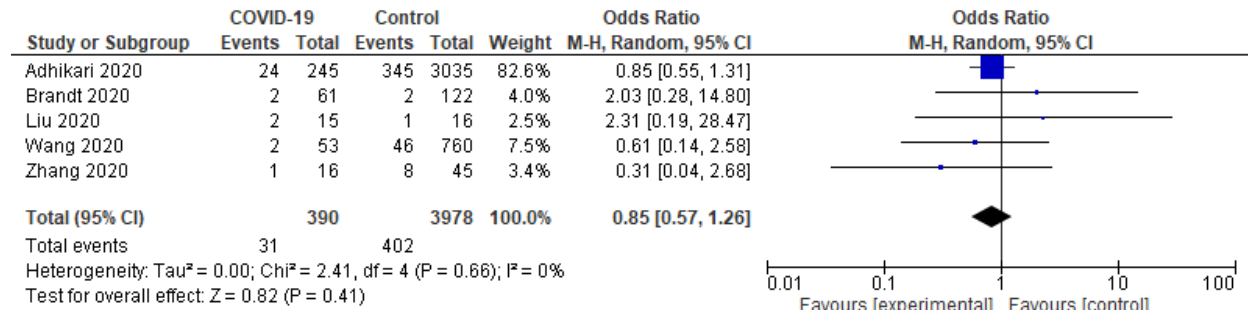
4.1.3 Association of COVID-19 with fetal distress



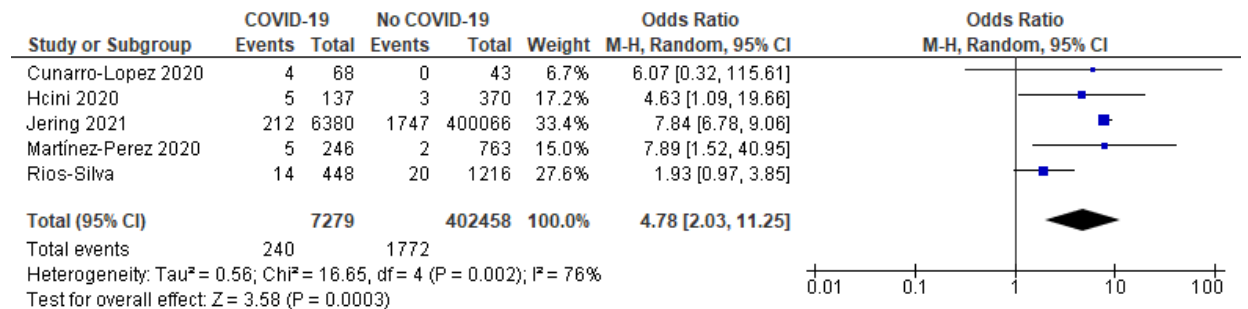
4.1.4. Association of COVID-19 with stillbirth



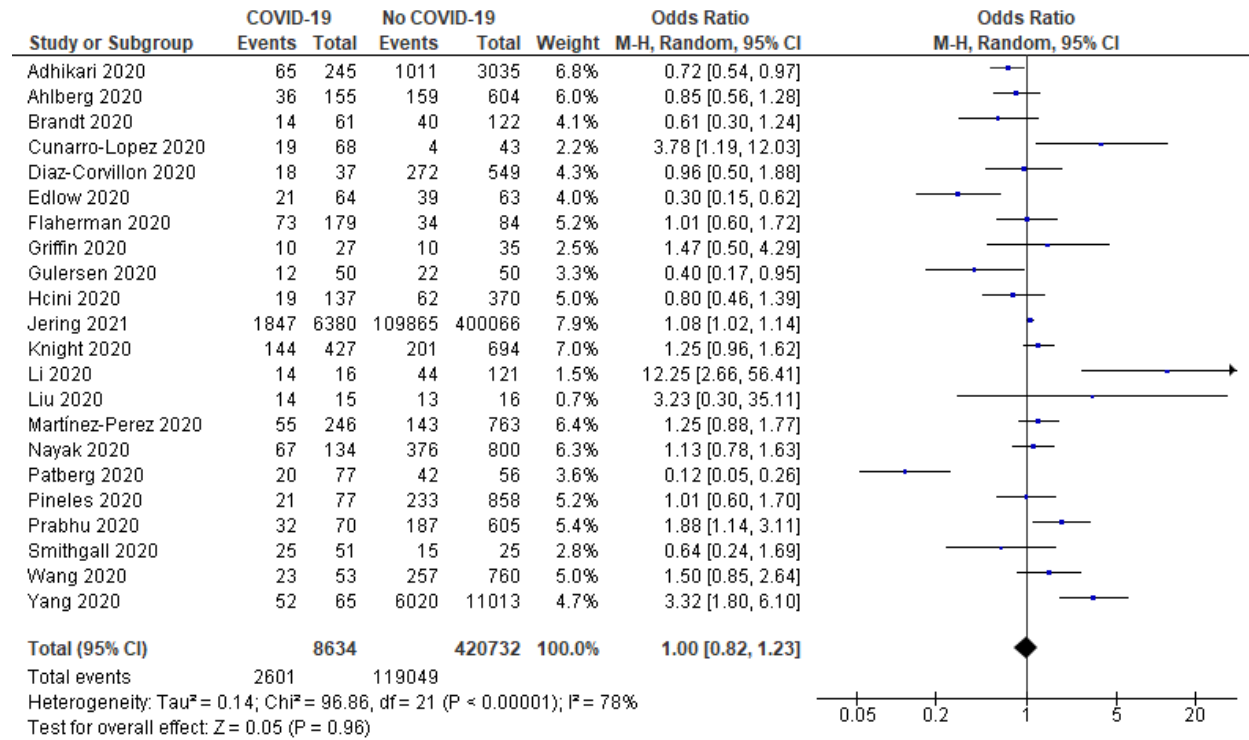
4.1.5. Association of COVID-19 with chorioamnionitis or intra-amniotic infection



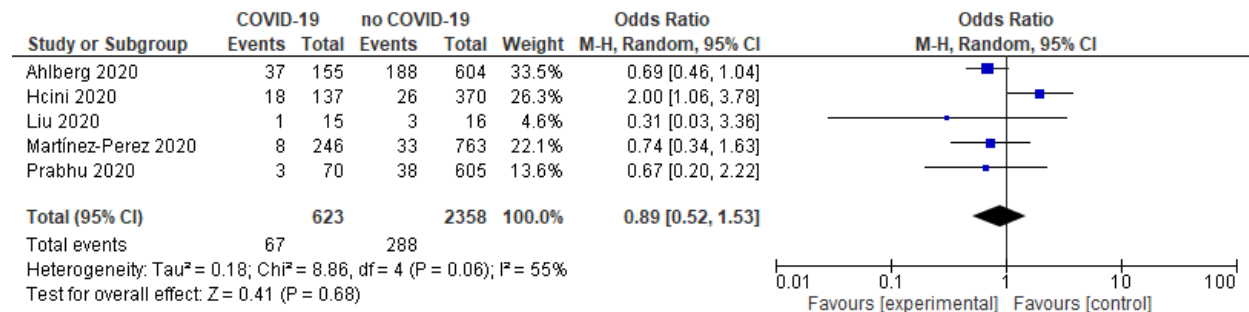
4.1.6. Association of COVID-19 with intensive care unit (ICU) admission



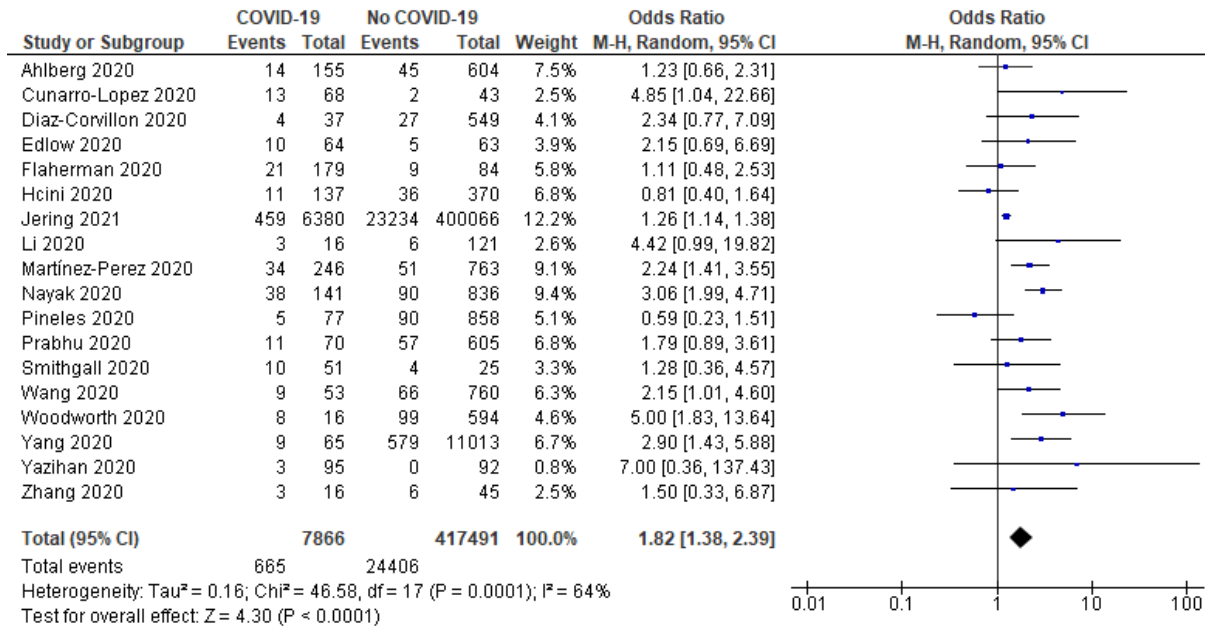
4.1.7. Association of COVID-19 with cesarean delivery



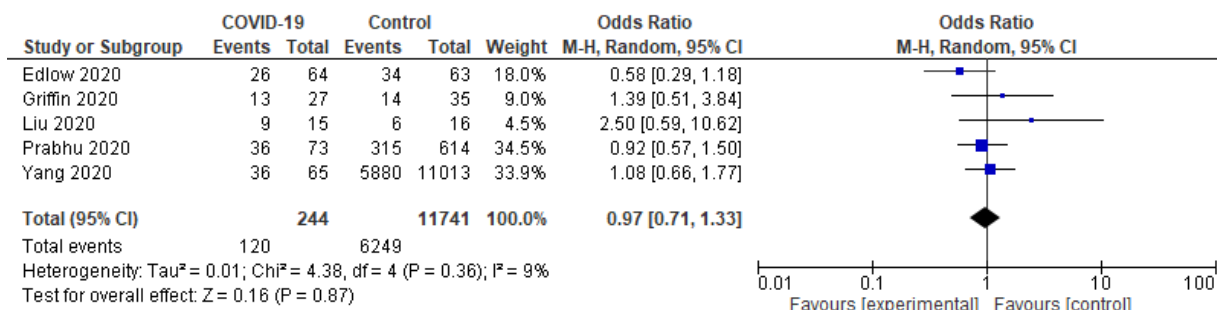
4.1.8. Association of COVID-19 with postpartum hemorrhage



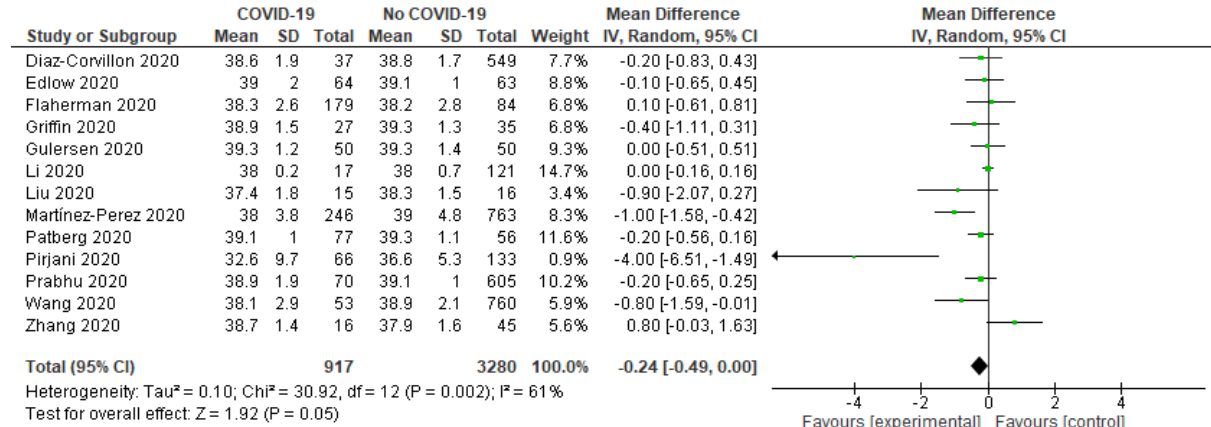
4.1.9. Association of COVID-19 with preterm birth



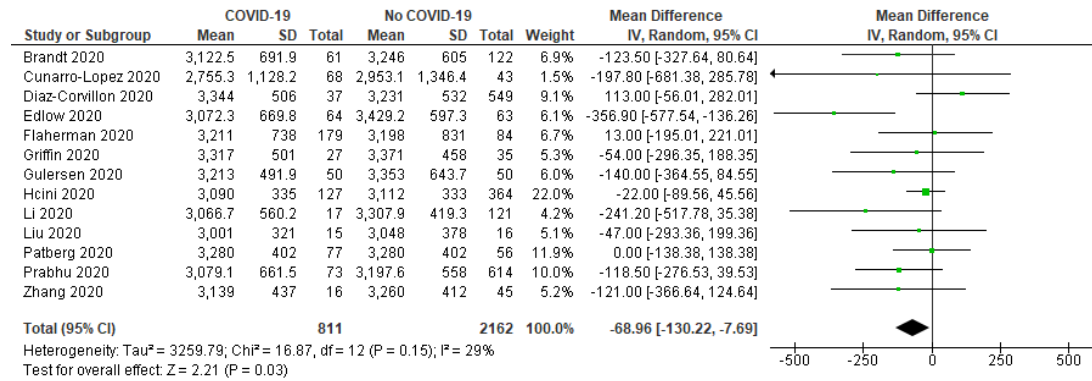
4.1.10. Association of COVID-19 with neonatal sex (male)



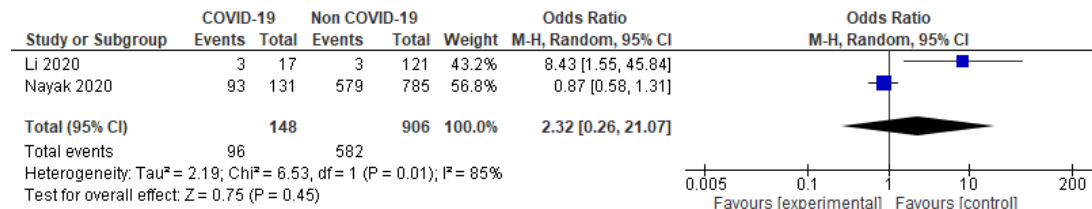
4.1.11. Association of COVID-19 with gestational age at birth (weeks)



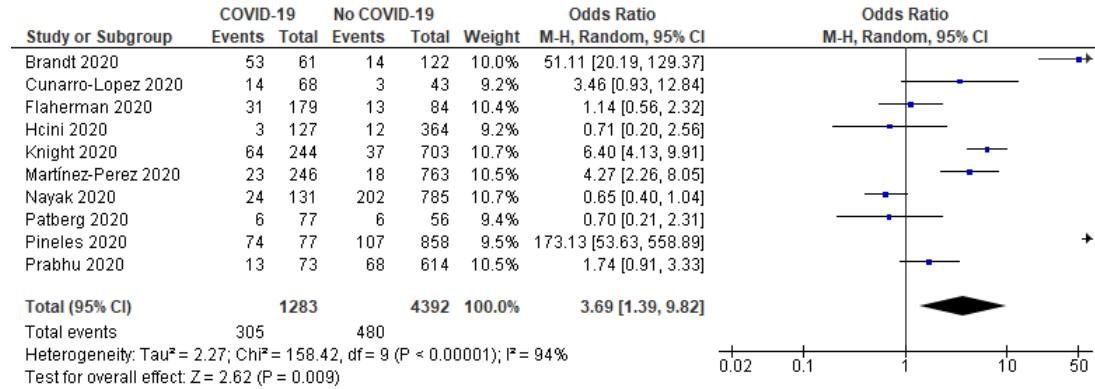
4.1.12. Association of COVID-19 with birth weight (grams)



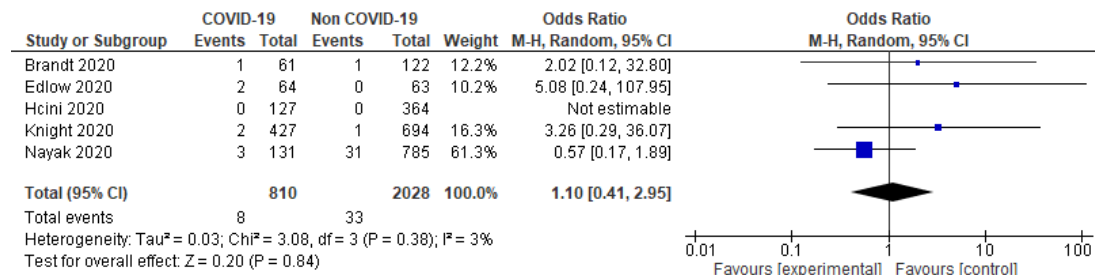
4.1.13. Association of COVID-19 with low birth weight



4.1.14. Association of COVID-19 with neonatal intensive care unit (NICU) admission

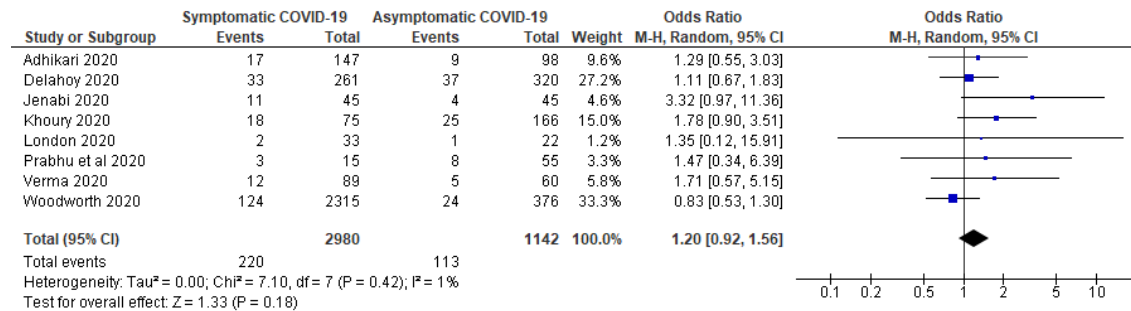


4.1.15. Association of COVID-19 with neonatal death

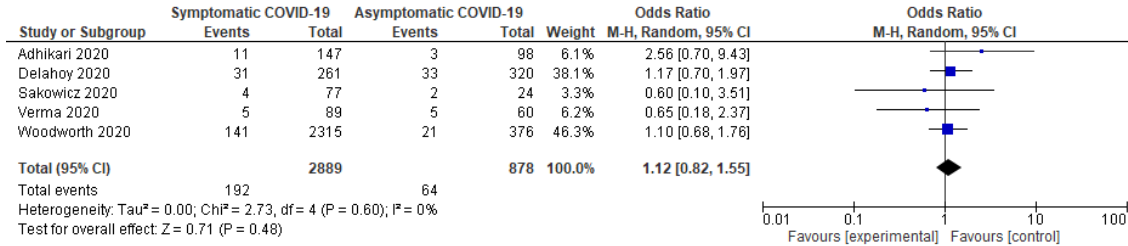


4.2 Symptomatic COVID-19 vs asymptomatic COVID-19

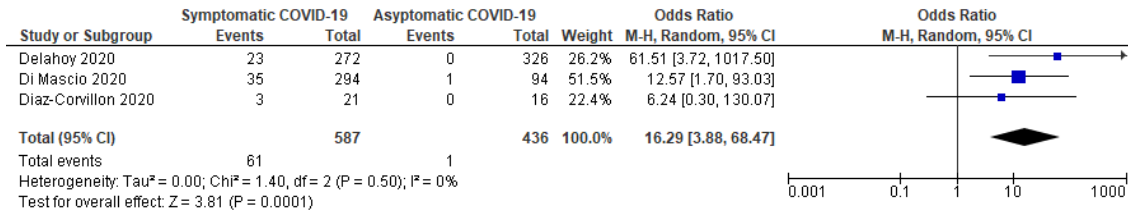
4.2.1. Association of symptomatic COVID-19 with gestational hypertension or preeclampsia



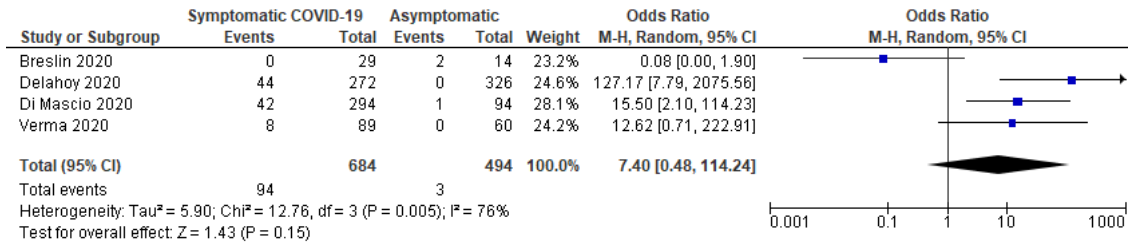
4.2.2. Association of symptomatic COVID-19 with gestational diabetes



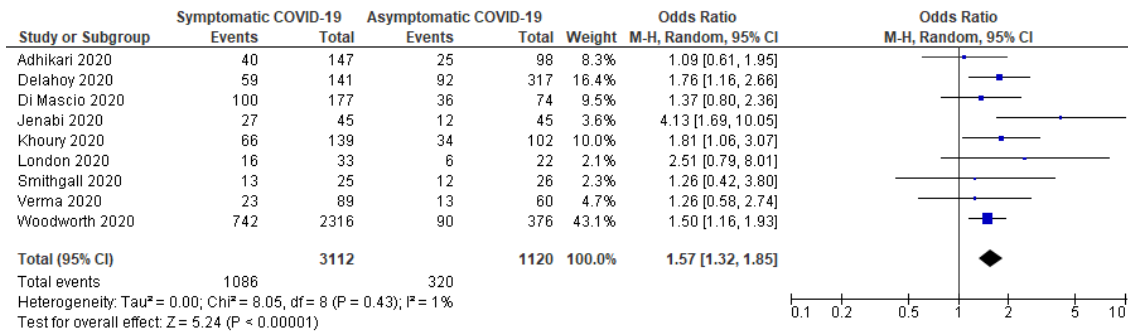
4.2.3. Association of symptomatic COVID-19 with mechanical ventilation



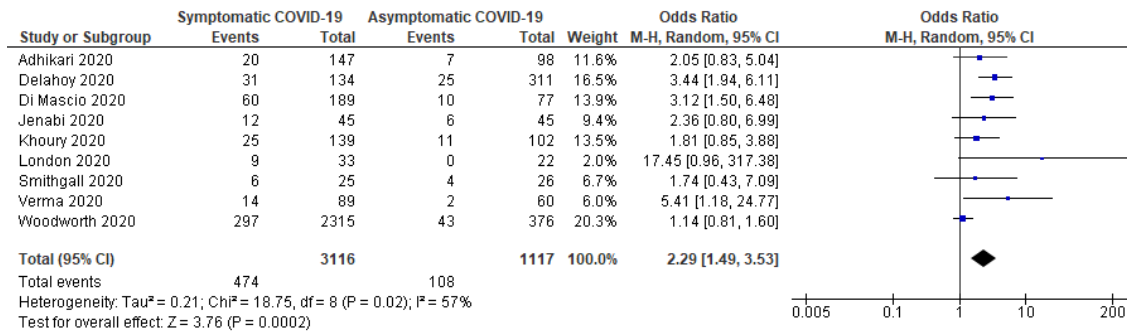
4.2.4. Association of symptomatic COVID-19 with intensive care unit (ICU) admission



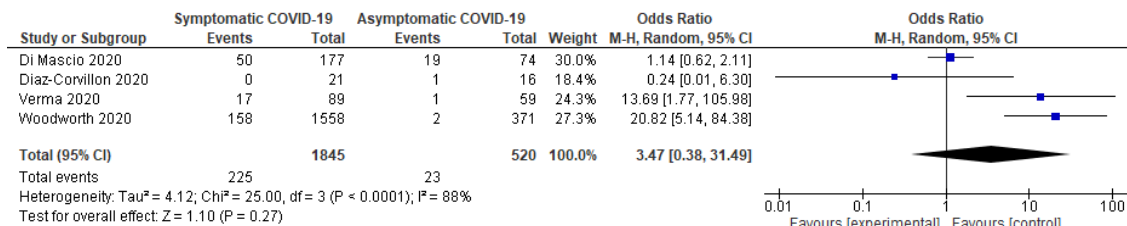
4.2.5. Association of symptomatic COVID-19 with cesarean delivery



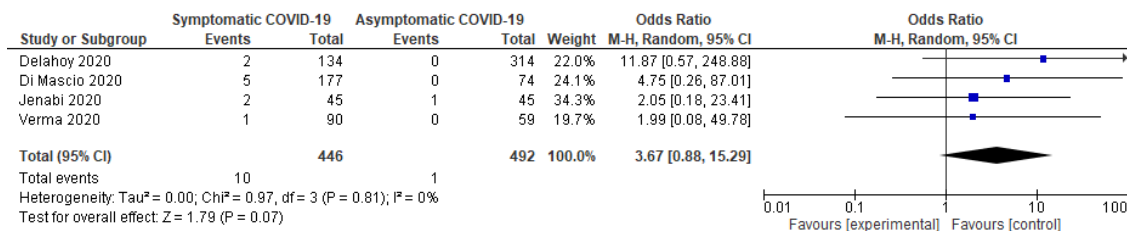
4.2.6. Association of symptomatic COVID-19 with preterm birth



4.2.7. Association of symptomatic COVID-19 with neonatal intensive care unit (NICU) admission

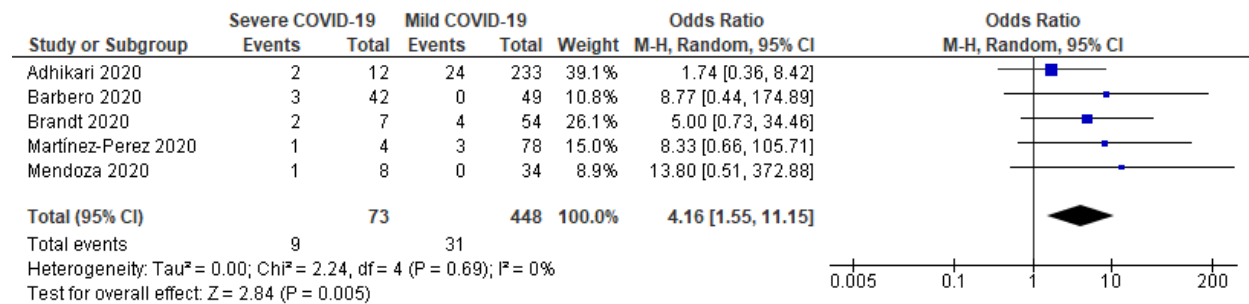


4.2.8. Association of symptomatic COVID-19 with neonatal death

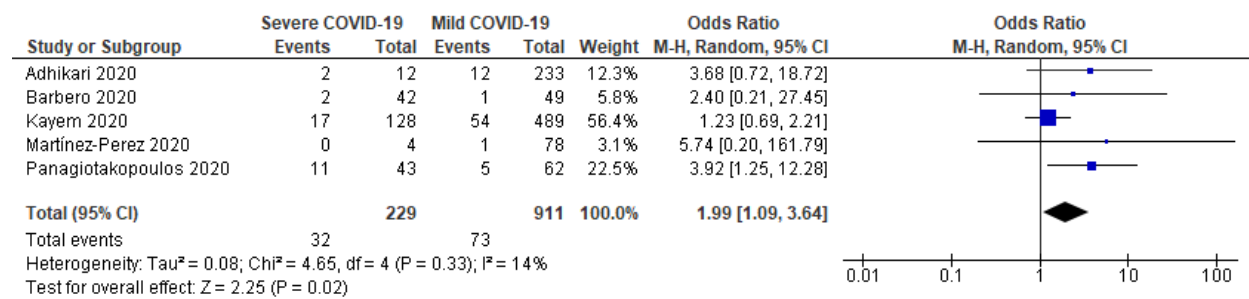


4.3 Severe COVID-19 vs mild COVID-19

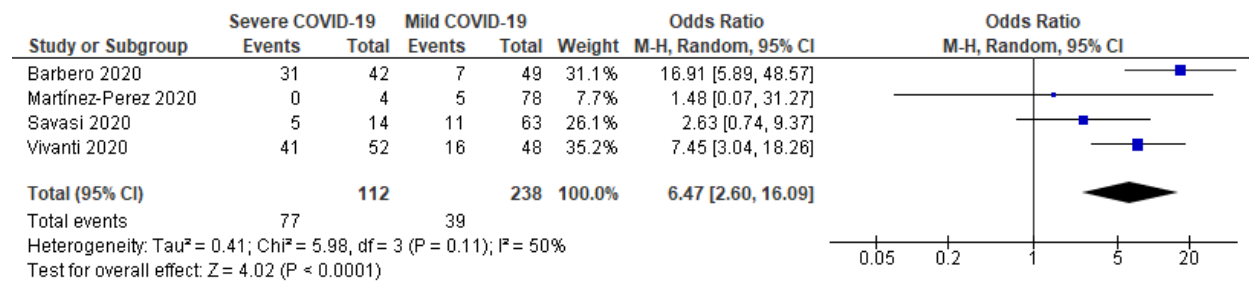
4.3.1. Association of severe COVID-19 with preeclampsia



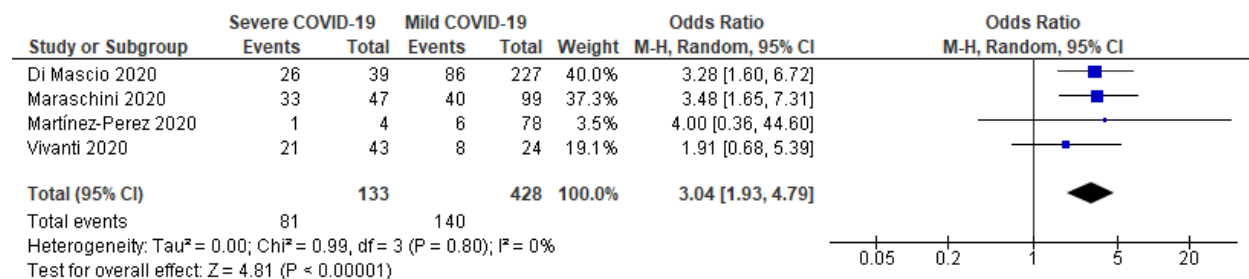
4.3.2. Association of severe COVID-19 with gestational diabetes



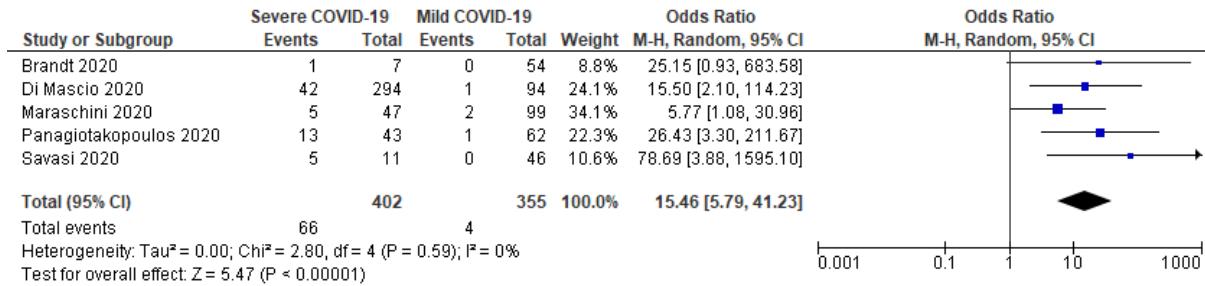
4.3.3. Association of severe COVID-19 with abnormal liver function



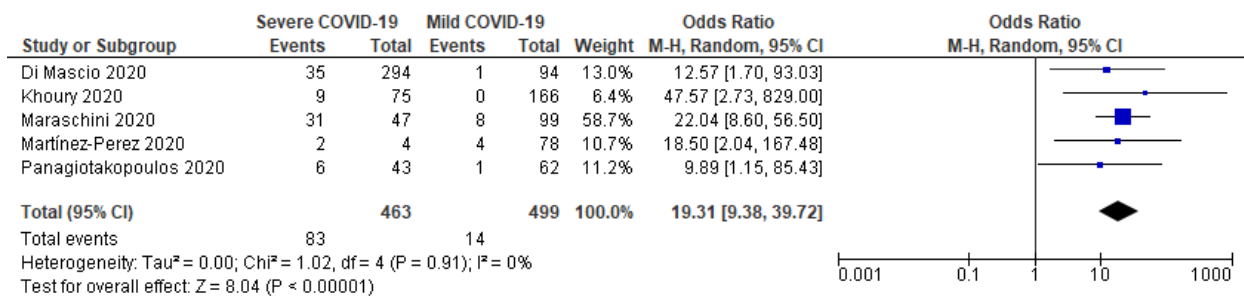
4.3.4. Association of severe COVID-19 with lymphopenia



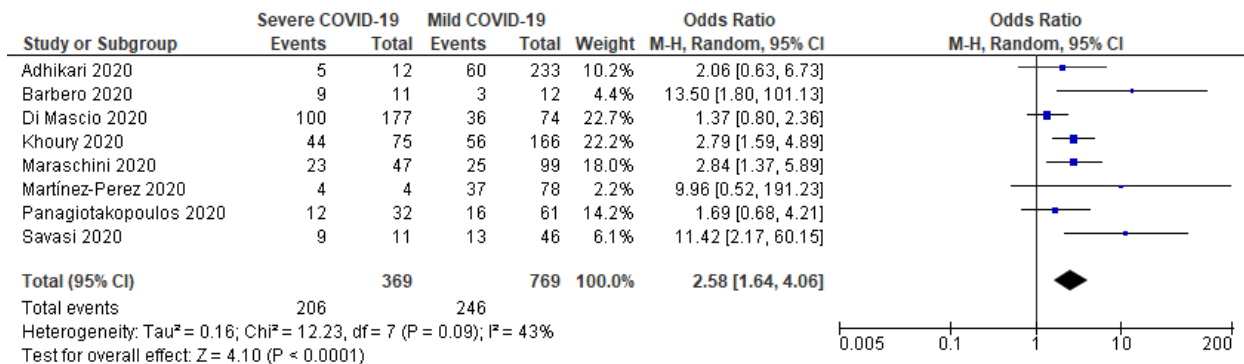
4.3.5. Association of severe COVID-19 with intensive care unit (ICU) admission



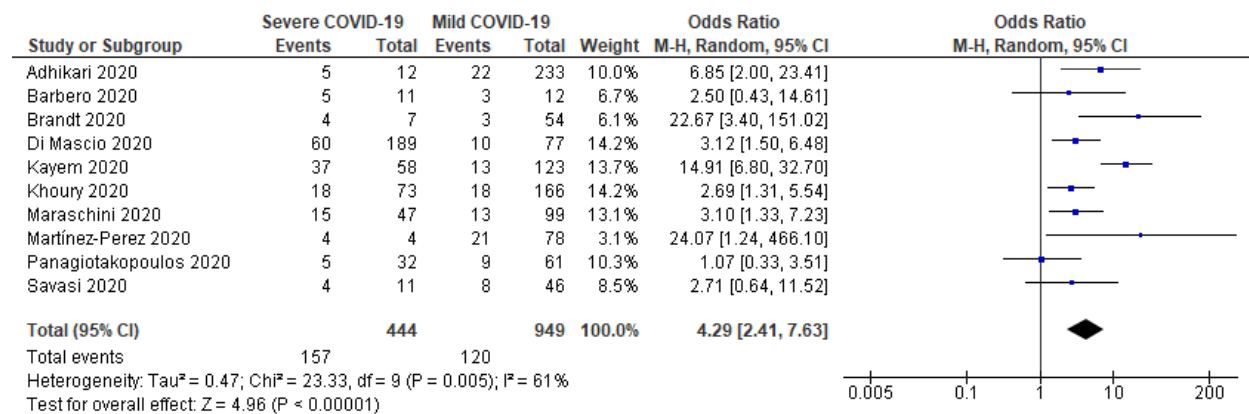
4.3.6. Association of severe COVID-19 with mechanical ventilation



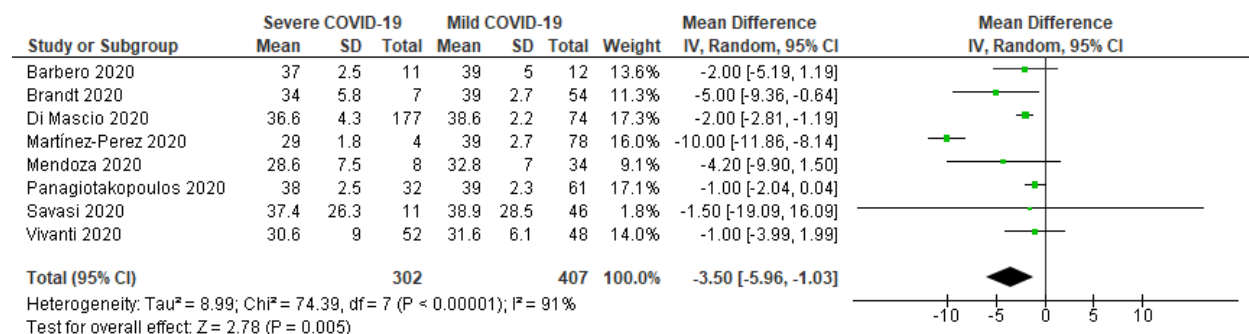
4.3.7. Association of severe COVID-19 with cesarean delivery



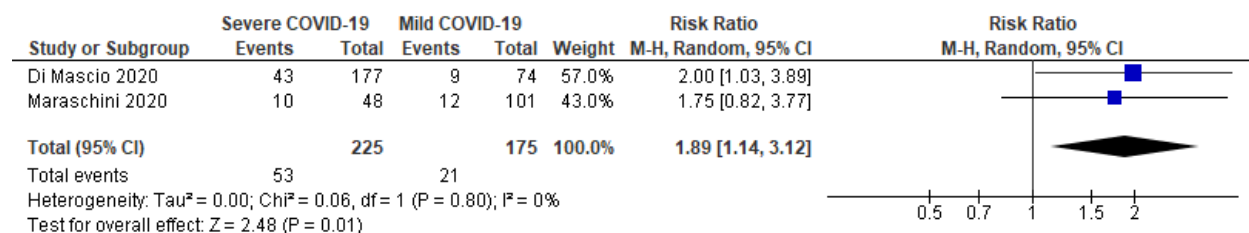
4.3.8. Association of severe COVID-19 with preterm birth



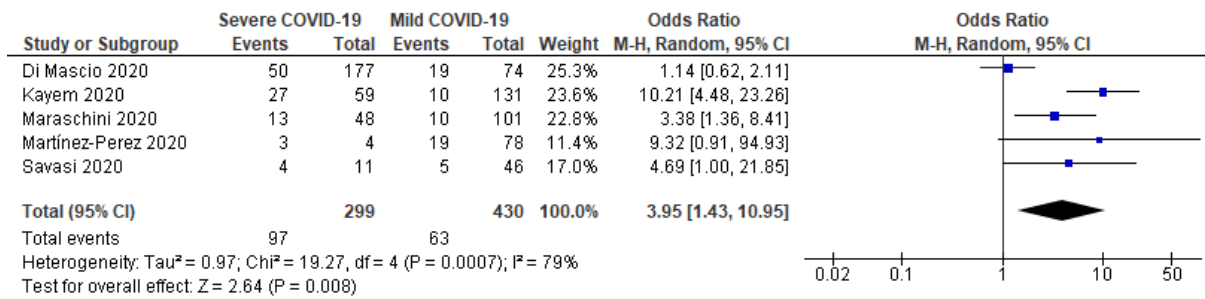
4.3.9. Association of severe COVID-19 with gestational age at birth



4.3.10. Association of severe COVID-19 with low birth weight



4.3.11. Association of severe COVID-19 with neonatal intensive care unit (NICU) admission



4.3.12. Association of severe COVID-19 with neonatal death

