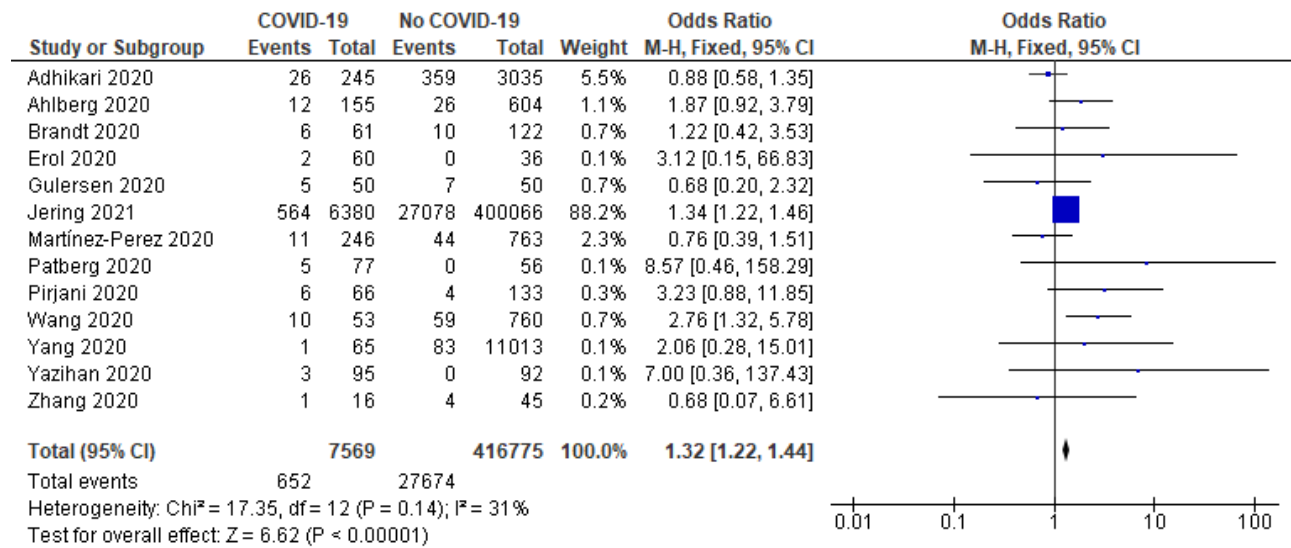


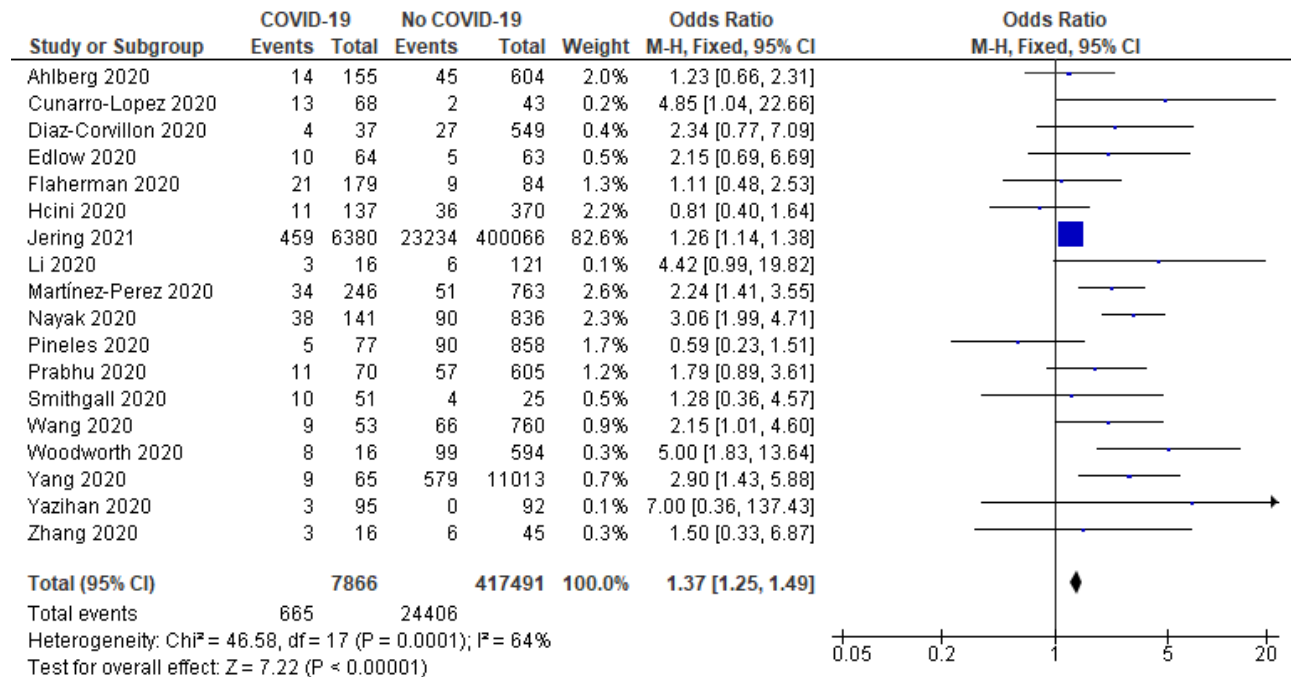
## Appendix 5. Association between COVID-19 and pregnancy outcomes for studies with small sample size (n<100 in each group) using fix-effect models

### 5.1 COVID-19 vs no COVID-19

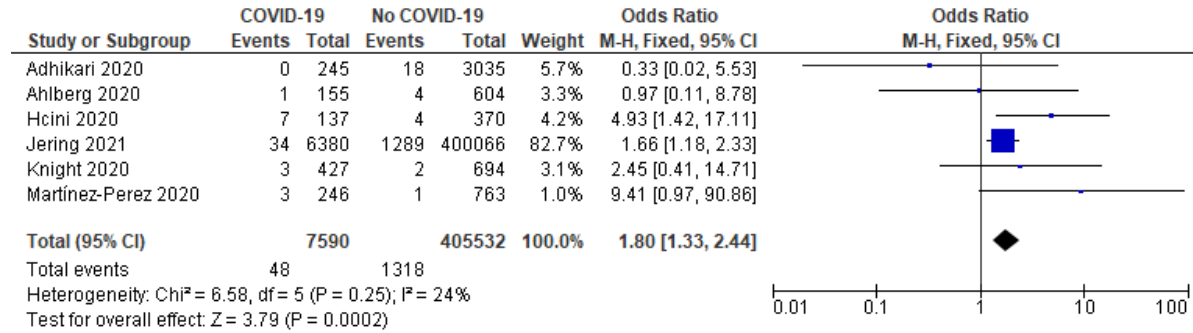
#### 5.1.1 Association between COVID-19 and preeclampsia



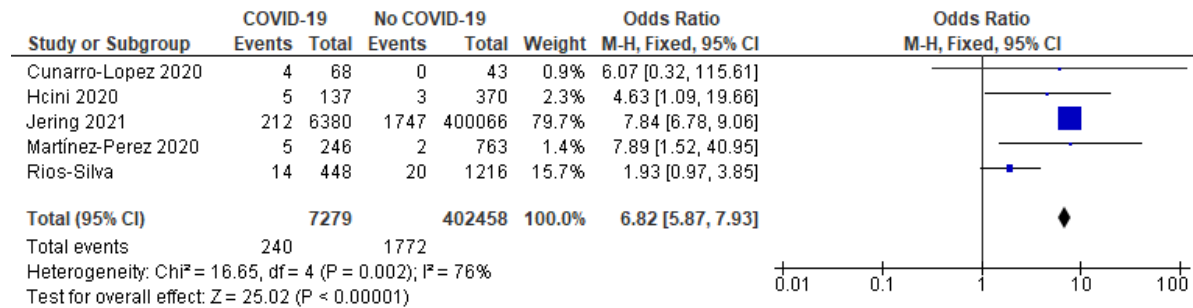
#### 5.1.2 Association between COVID-19 and preterm birth



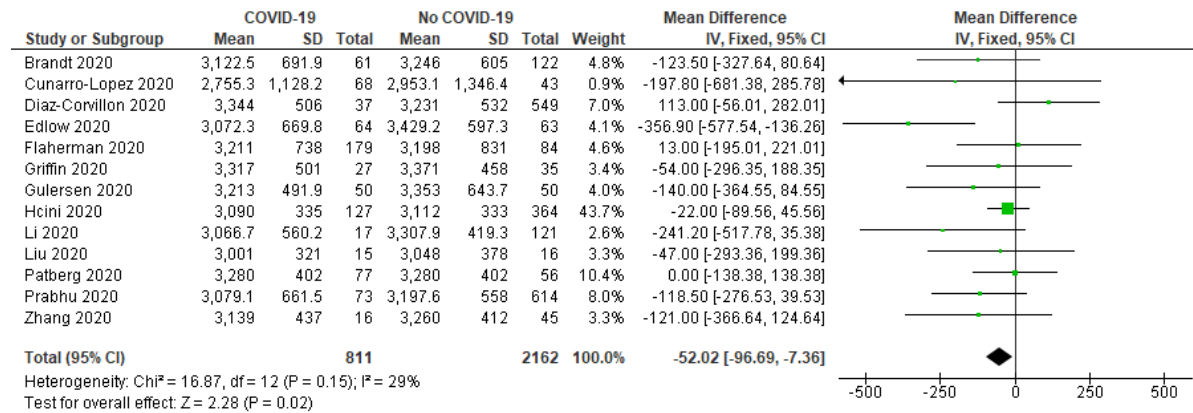
### 5.1.3 Association between COVID-19 and stillbirth



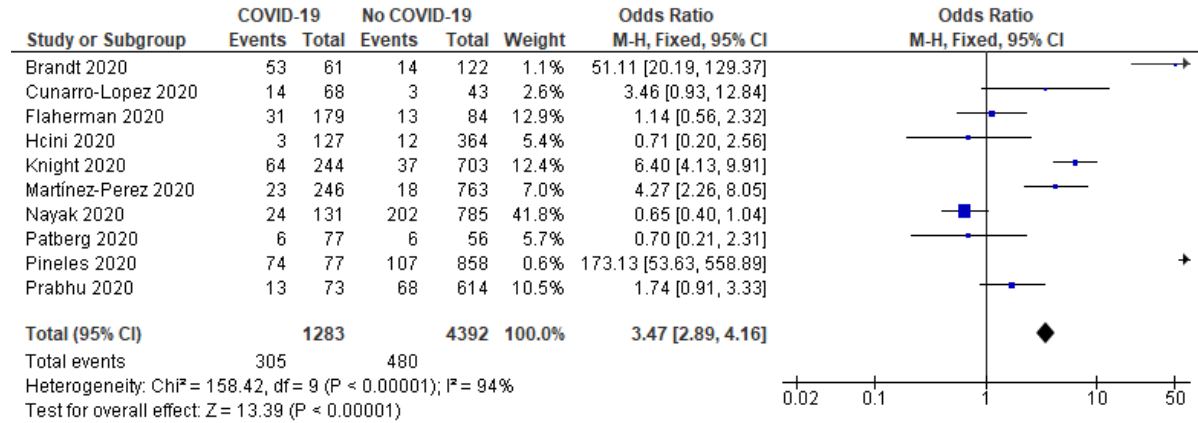
### 5.1.4 Association between COVID-19 and intensive care unit (ICU) admission



### 5.1.5 Association between COVID-19 and birth weight (grams)

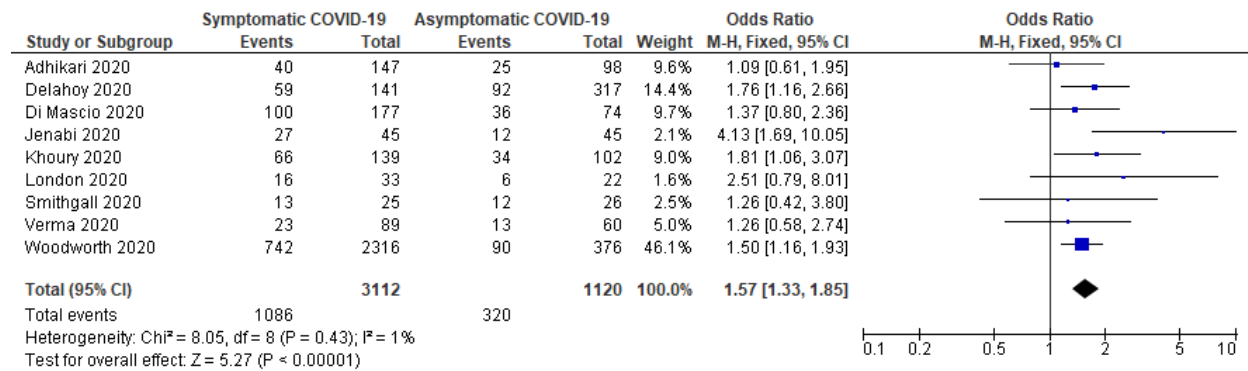


### 5.1.6 Association between COVID-19 and neonatal intensive care unit (NICU) admission

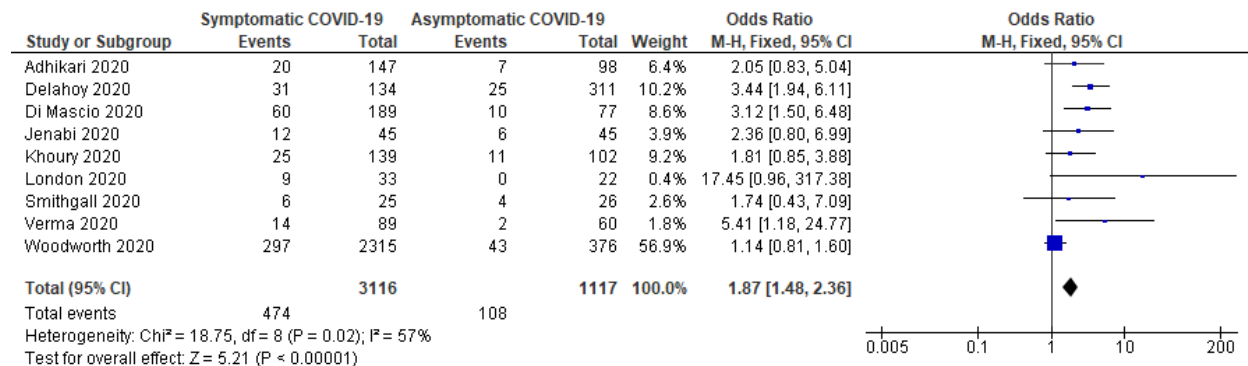


## 5.2 Symptomatic COVID-19 vs asymptomatic COVID-19

### 5.2.1 Association between symptomatic COVID-19 and cesarean delivery

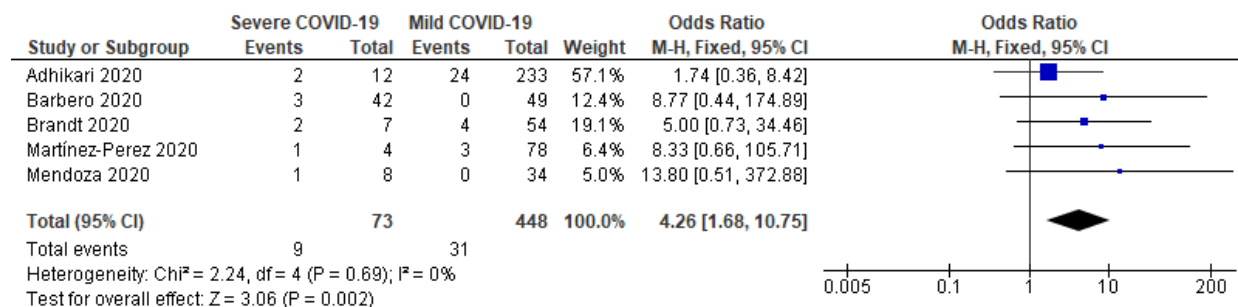


### 5.2.2 Association between symptomatic COVID-19 and preterm birth

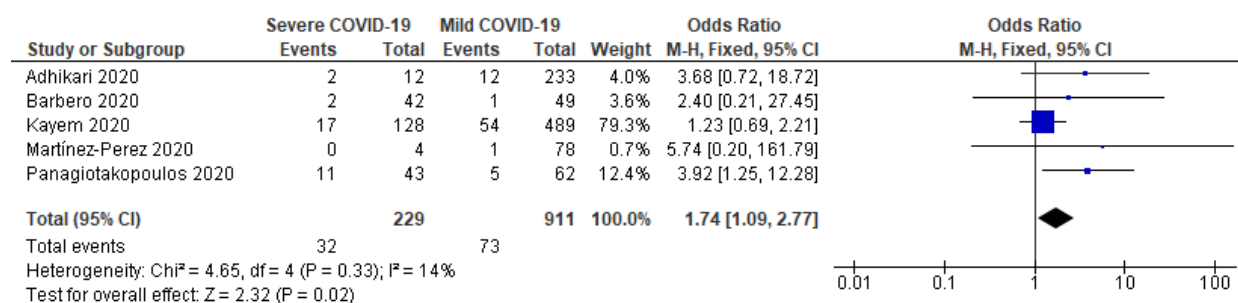


### 5.3 Severe COVID-19 vs mild COVID-19

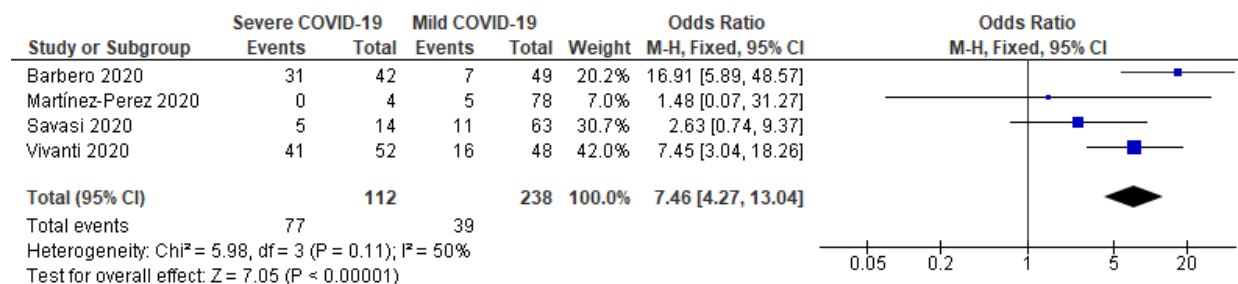
#### 5.3.1. Association of severe COVID-19 with preeclampsia



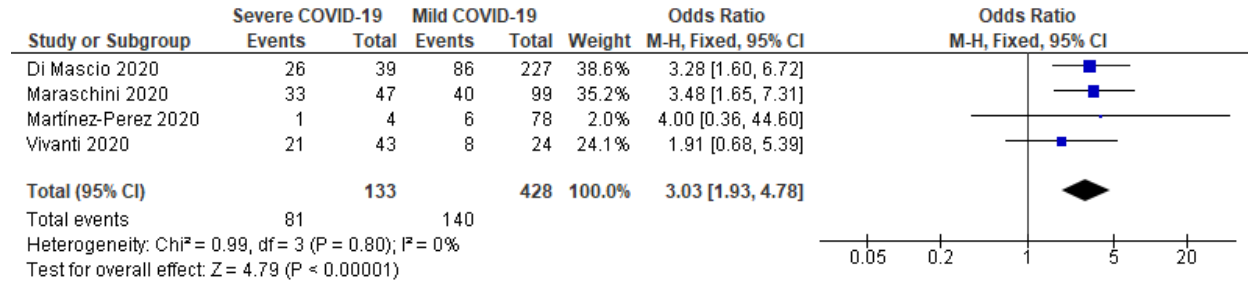
#### 5.3.2. Association of severe COVID-19 with gestational diabetes



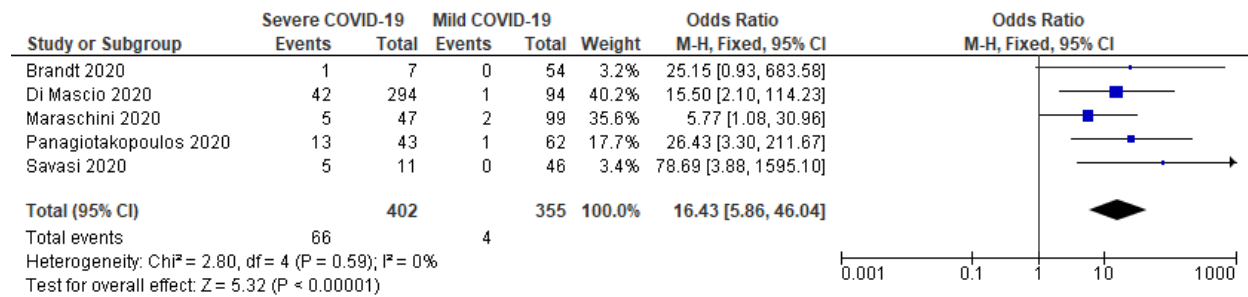
#### 5.3.3. Association of severe COVID-19 with abnormal liver function



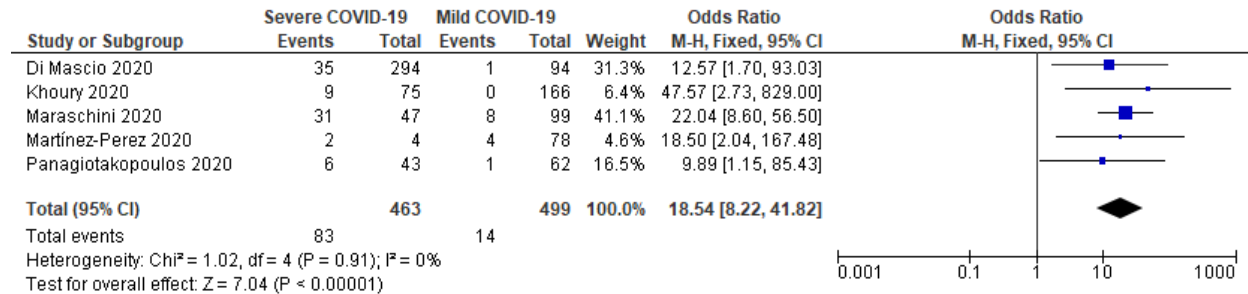
### 5.3.4. Association of severe COVID-19 with lymphopenia



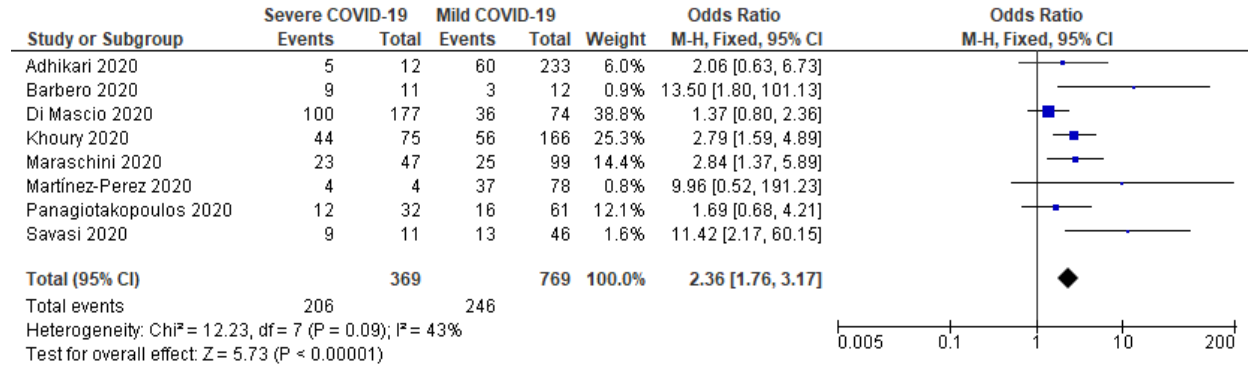
### 5.3.5. Association of severe COVID-19 with intensive care unit (ICU) admission



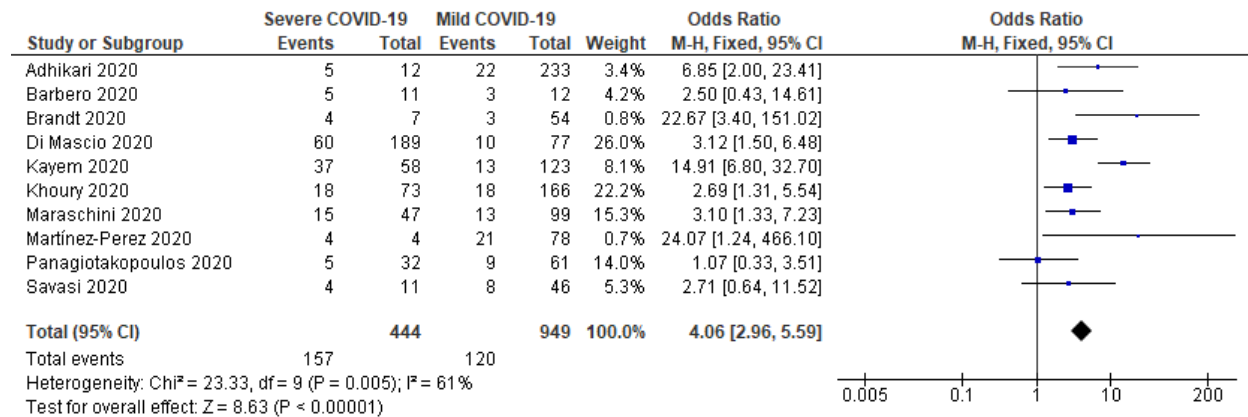
### 5.3.6. Association of severe COVID-19 with mechanical ventilation



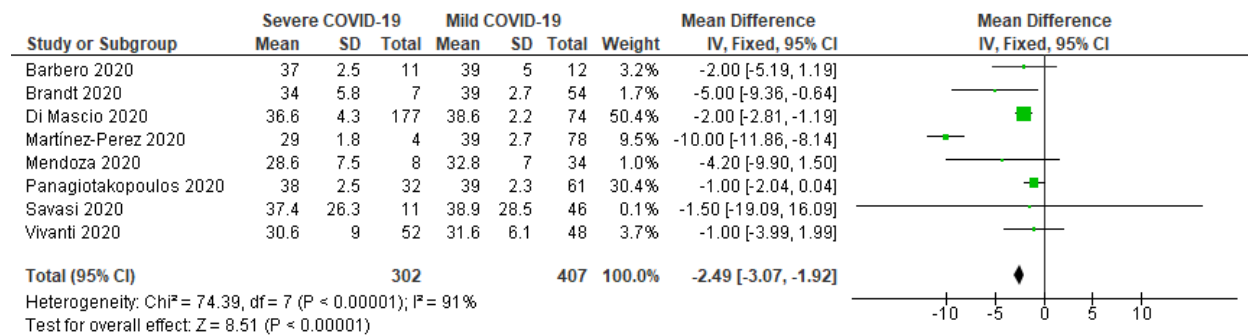
### 5.3.7. Association of severe COVID-19 with cesarean delivery



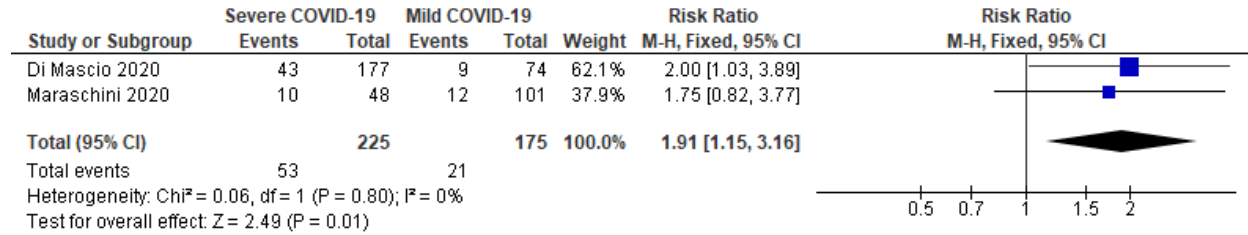
### 5.3.8. Association of severe COVID-19 with preterm birth



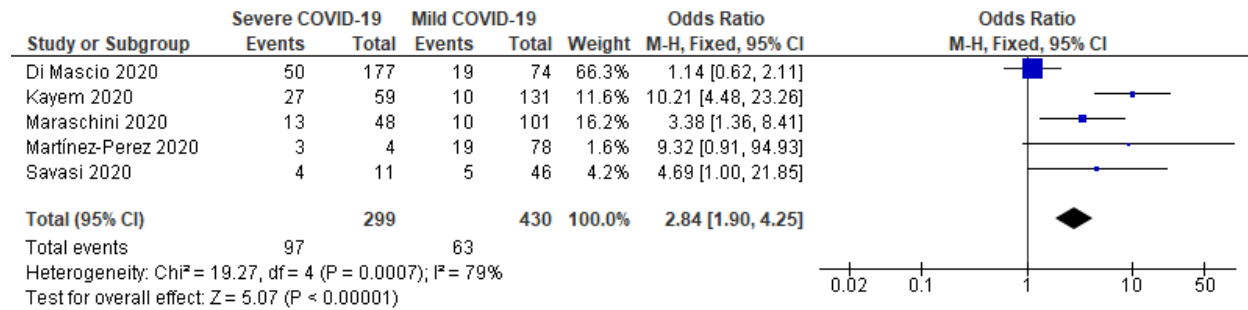
### 5.3.9. Association of severe COVID-19 with gestational age at birth (weeks)



### 5.3.10. Association of severe COVID-19 with low birth weight



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



### 5.3.12. Association of severe COVID-19 with neonatal death

