

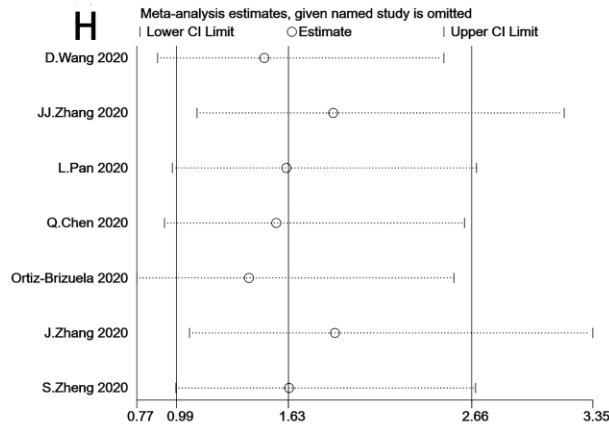
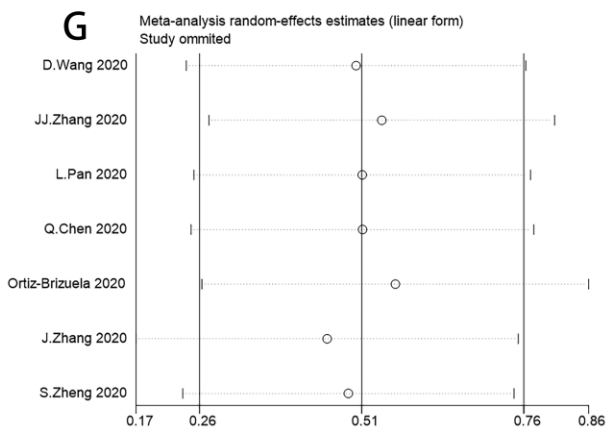
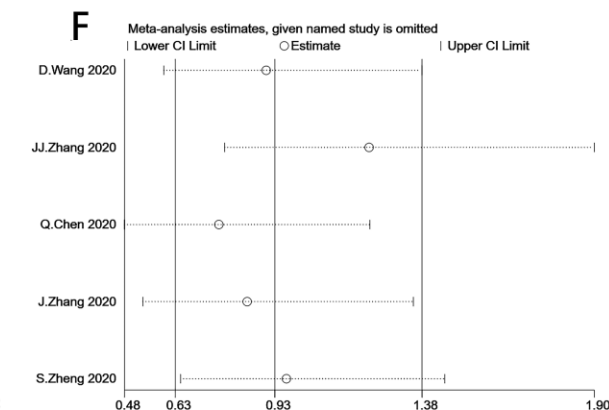
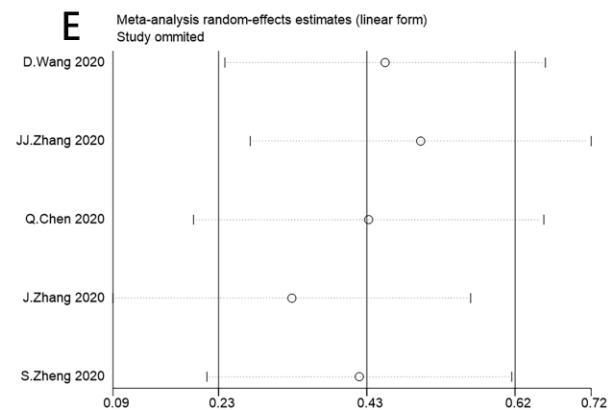
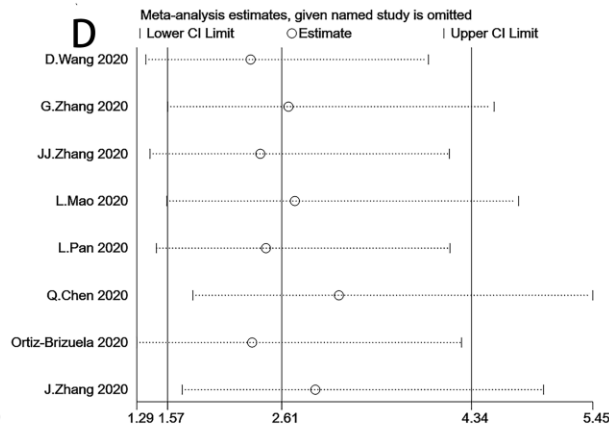
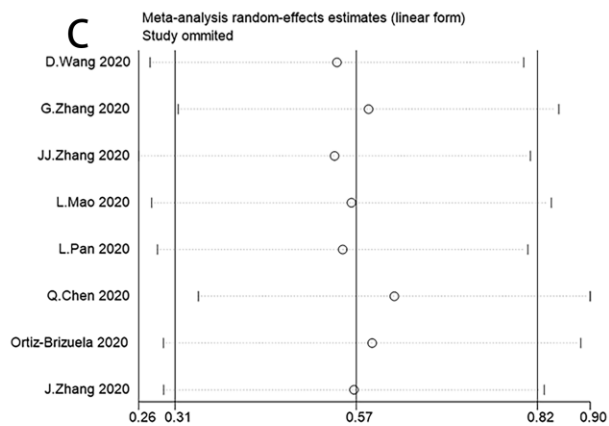
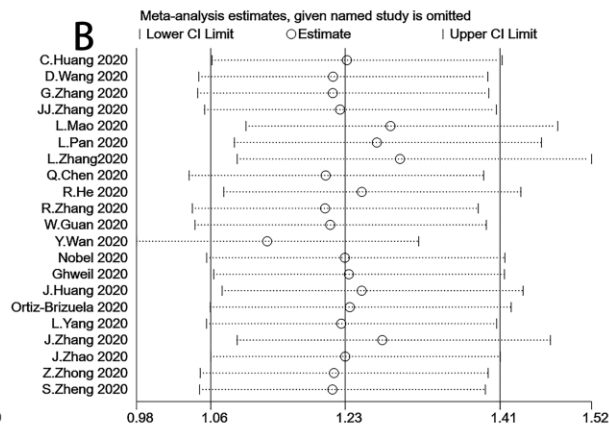
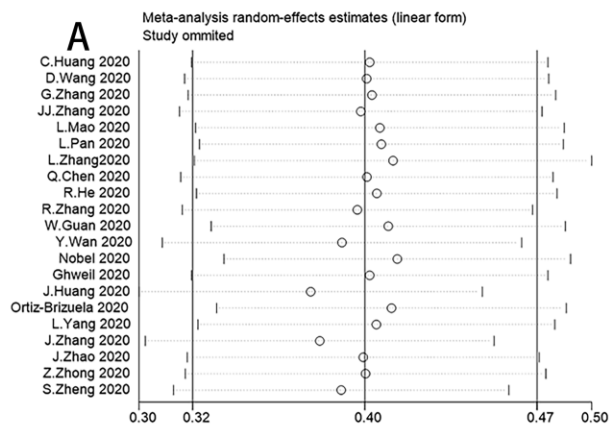
Supplemental Figure 1. Sensitivity analysis of included studies

A: severe rate of COVID-19 patients with diarrhea; B: odds ratio of diarrhea and severe COVID-19;

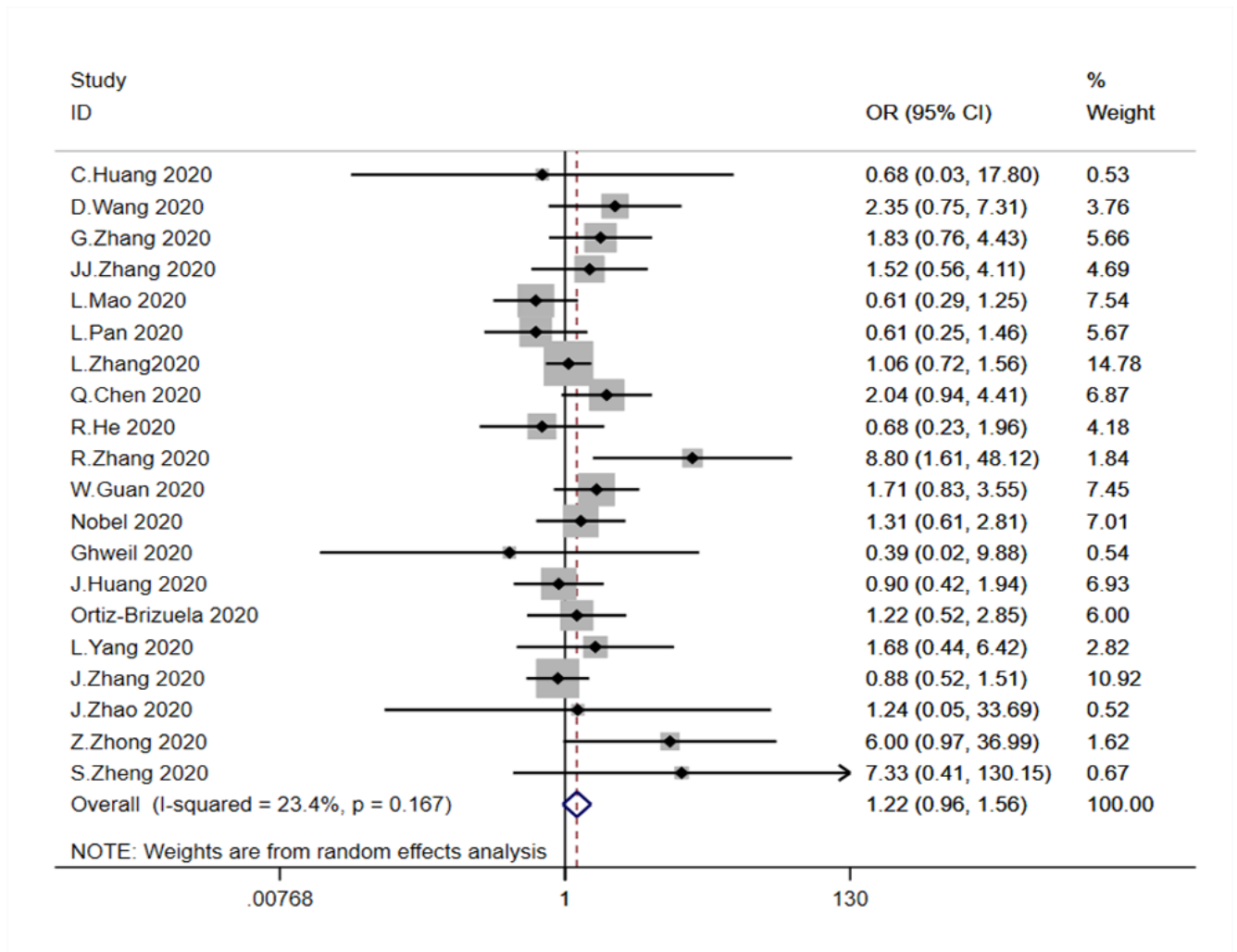
C: severe rate of COVID-19 patients with abdominal pain; D: odds ratio of abdominal pain and severe COVID-19;

E: severe rate of COVID-19 patients with nausea; F: odds ratio of nausea and severe COVID-19;

G: severe rate of COVID-19 patients with vomiting; H: odds ratio of vomiting and severe COVID-19.



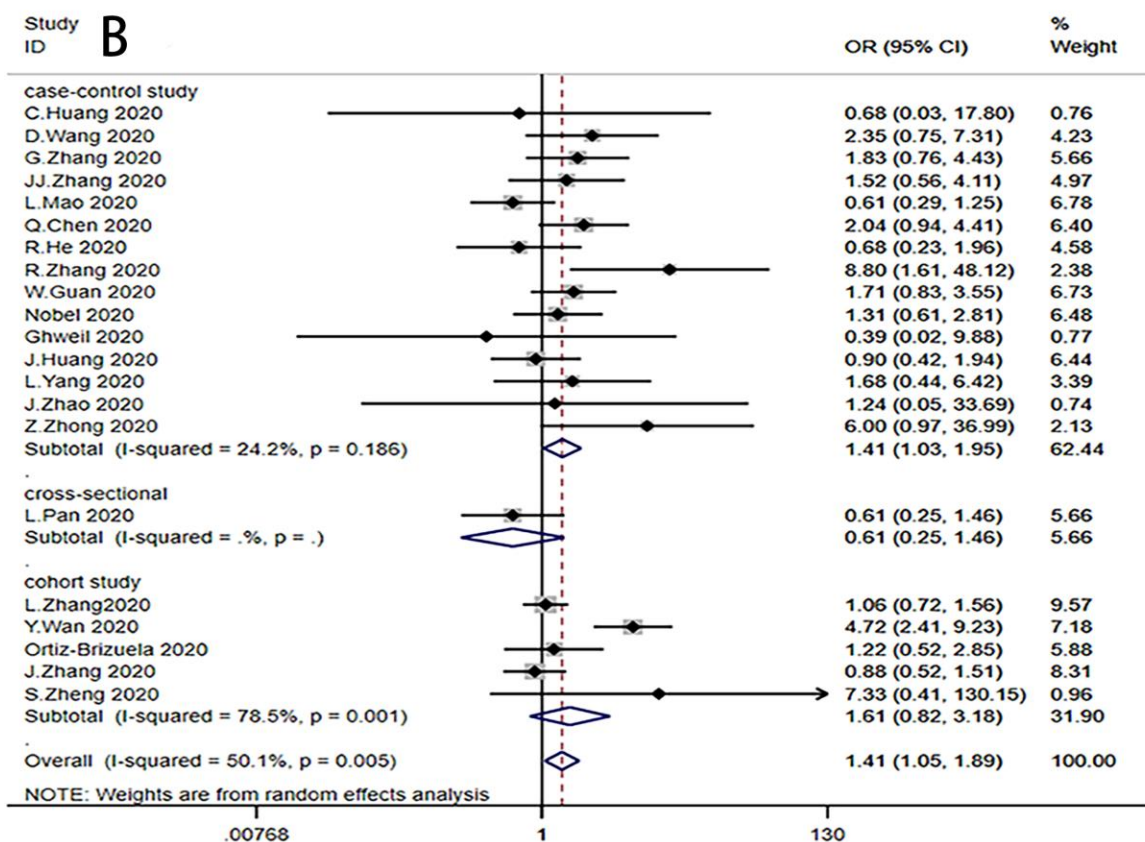
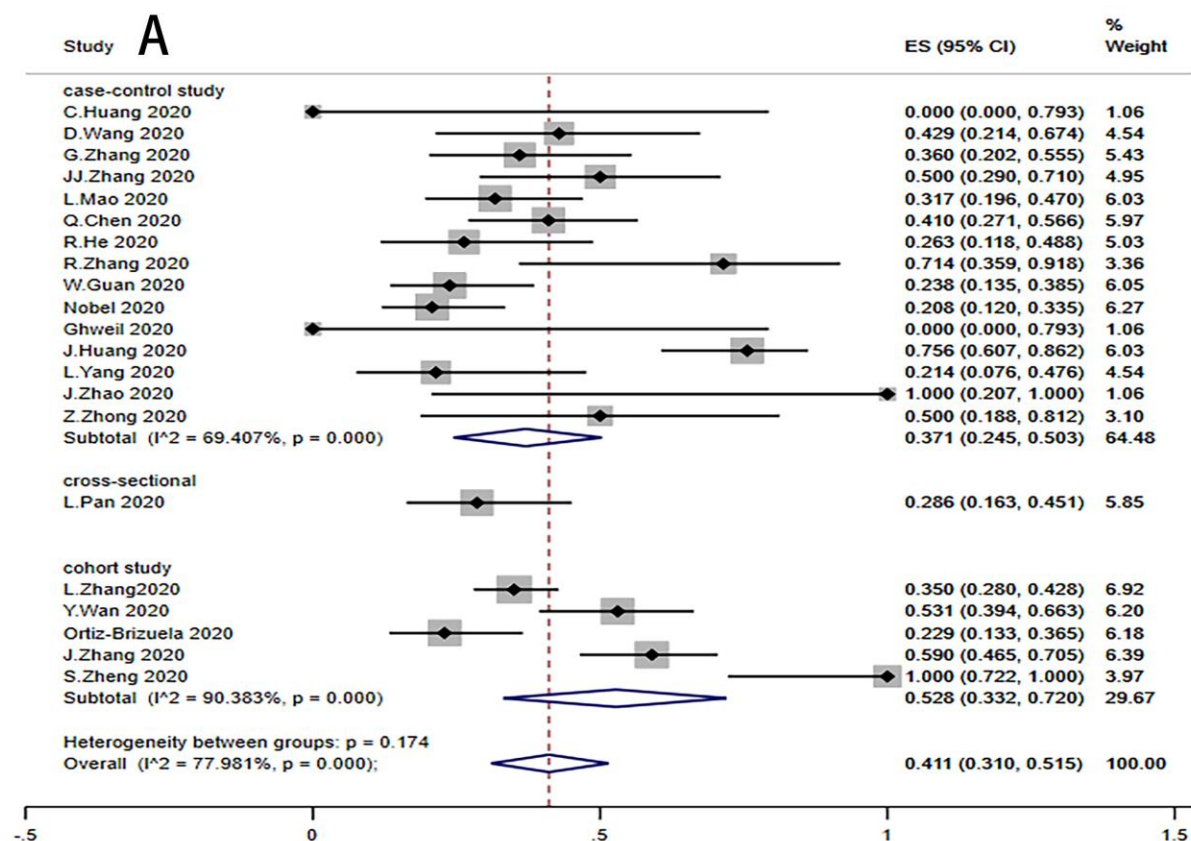
Supplemental Figure 2. Forest plot of pooled odds ratio of diarrhea and severe COVID-19 after exclusion of Wan et al.



Supplemental Figure 3. Subgroup analysis of the relationship between diarrhea and COVID-19 severity based on study type

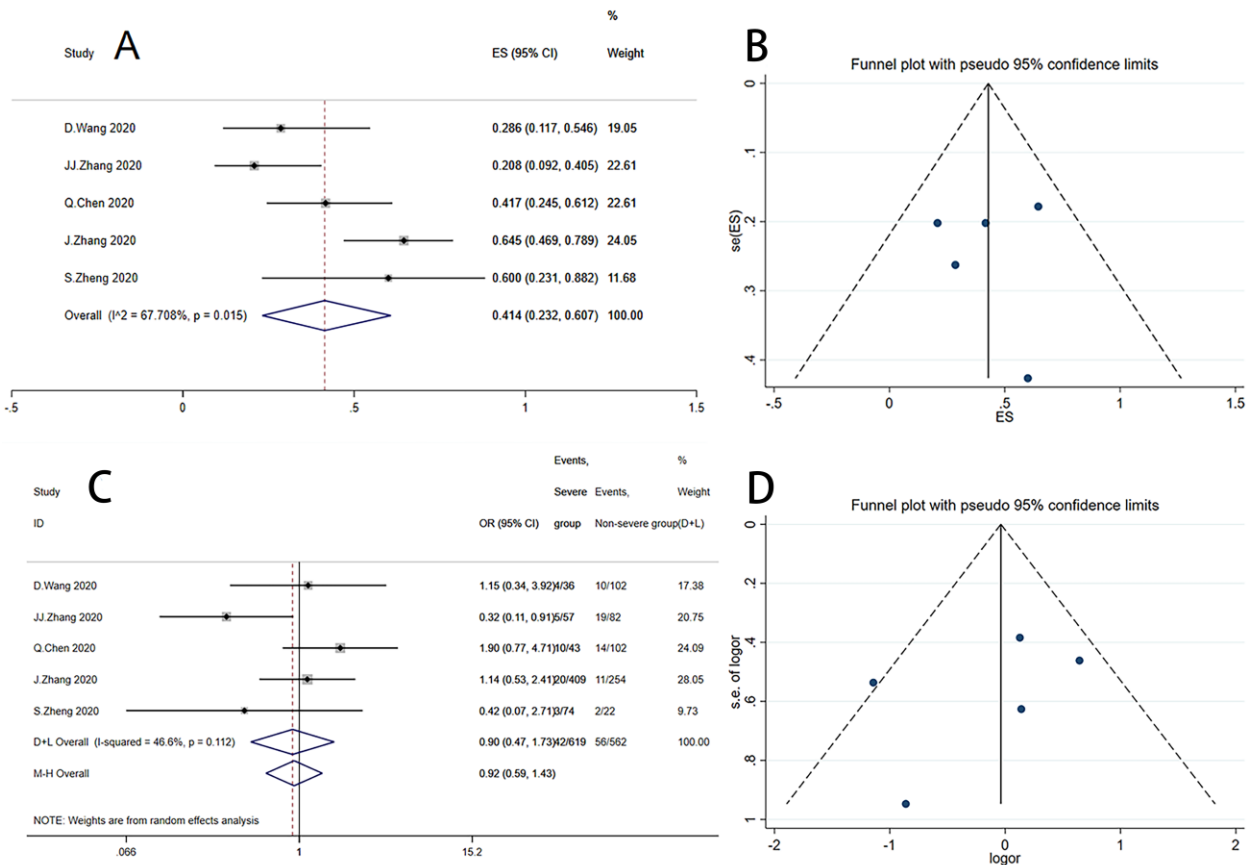
A: Subgroup analysis of severe rate (Case-control study, Cross-sectional, Cohort study)

B: Subgroup analysis of odds ratio (Case-control study, Cross-sectional, Cohort study)



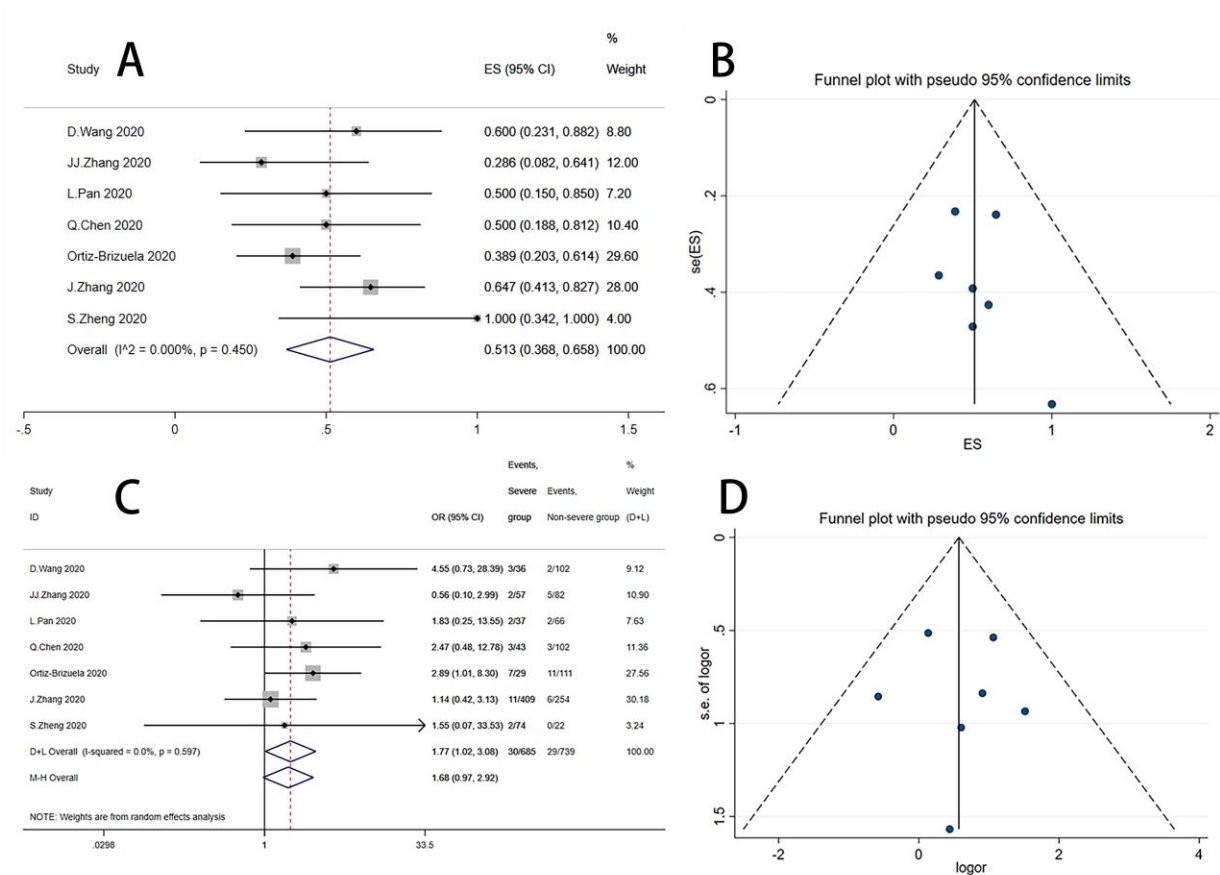
Supplemental Figure 4. Meta-analysis for COVID-19 patients with nausea

A: Forest plot of severe rate; B: Funnel plot of severe rate;
C: Forest plot of odds ratio; D: Funnel plot of odds ratio.



Supplemental Figure 5. Meta-analysis for COVID-19 patients with vomiting

A: Forest plot of severe rate; B: Funnel plot of severe rate;
C: Forest plot of odds ratio; D: Funnel plot of odds ratio.



Supplemental Figure 6. Scatter diagram: correlation of severe rate between patients with abdominal pain and comorbidities

Correlation of severe rate between patients with abdominal pain and comorbidities

