**Meta-analysis of coagulation disbalances in COVID-19: 41 studies and 17601 patients**

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Supplementary Material 2



# Supplementary Figure 1. Exploring influential cases in meta-analysis models with Baujat plots: (A) Platelets, (B) D-dimers, (C) Fibrinogen, (D) Activated partial thromboplastin time, (E) Prothrombin time

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# Supplementary Figure 2. Influence diagnostic of meta-analysis model for the association of platelet count and COVID-19 severity



# Supplementary Figure 3. Influence diagnostic of meta-analysis model for the association of D-dimers concentration and COVID-19 severity



# Supplementary Figure 4. Influence diagnostic of meta-analysis model for the association of fibrinogen and COVID-19 severity



# Supplementary Figure 5. Influence diagnostic of meta-analysis model for the association of activated partial thromboplastin time and COVID-19 severity



# Supplementary Figure 6. Influence diagnostic of meta-analysis model for the association of prothrombin time and COVID-19 severity



# Supplementary Figure 7. Search for influential cases by leave-one-out method in meta-analysis models for the association of (A) platelet count, (B) D-dimers and COVID-19 severity



# Supplementary Figure 8. Search for influential cases by leave-one-out method in meta-analysis models for the association of (A) fibrinogen, (B) APTT and COVID-19 severity



# Supplementary Figure 9. Search for influential cases by leave-one-out method in meta-analysis model for the association of prothrombin time and COVID-19 severity

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# Supplementary Figure 10. Forest plots of association of COVID-19 severity and (A) platelet count and (B) D-dimers with outliers removed



# Supplementary Figure 11. Forest plots of association of COVID-19 severity and (A) fibrinogen, (B) activated partial thromboplastin time, and (C) prothrombin time with outliers removed



# Supplementary Figure 12. Exploring the influence of meta-analysis study composition on heterogeneity and pooled effect size: (A) fibrinogen, (B) activated partial thromboplastin time, and (C) prothrombin time



# Supplementary Figure 13. Results of three cauterization methods (A) K-means, (B) DBSCAN, and (C) Gaussian Mixture on the meta-analysis model for association of fibrinogen and COVID-19 severity



# Supplementary Figure 14. Results of three cauterization methods (A) K-means, (B) DBSCAN, and (C) Gaussian Mixture on the meta-analysis model for association of activated partial thromboplastin time and COVID-19 severity



# Supplementary Figure 15. Results of three cauterization methods (A) K-means, (B) DBSCAN, and (C) Gaussian Mixture on the meta-analysis model for association of prothrombin time and COVID-19 severity



# Supplementary Figure 16. Exploring presence of publication bias with corrected funnel plots: SMD plotted against sample size-based precision estimate: (A) platelet counts, (B) D-dimers, (C) fibrinogen, (D) activated partial thromboplastin time, (E) prothrombin time