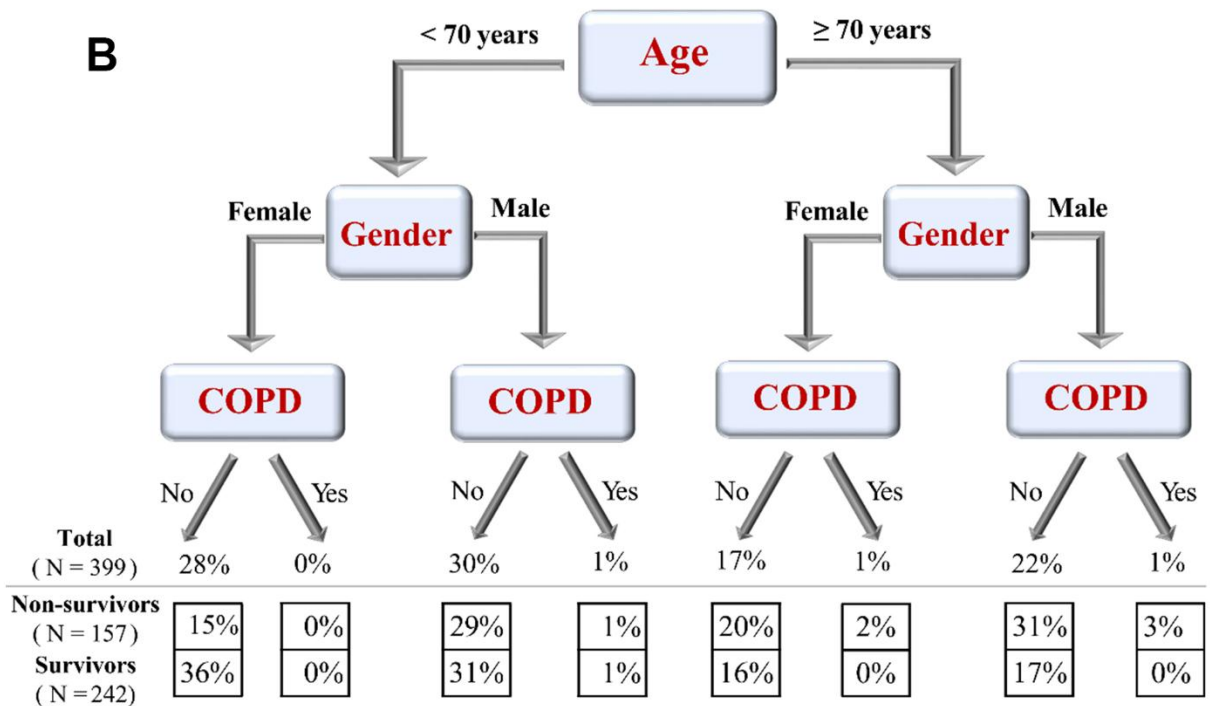
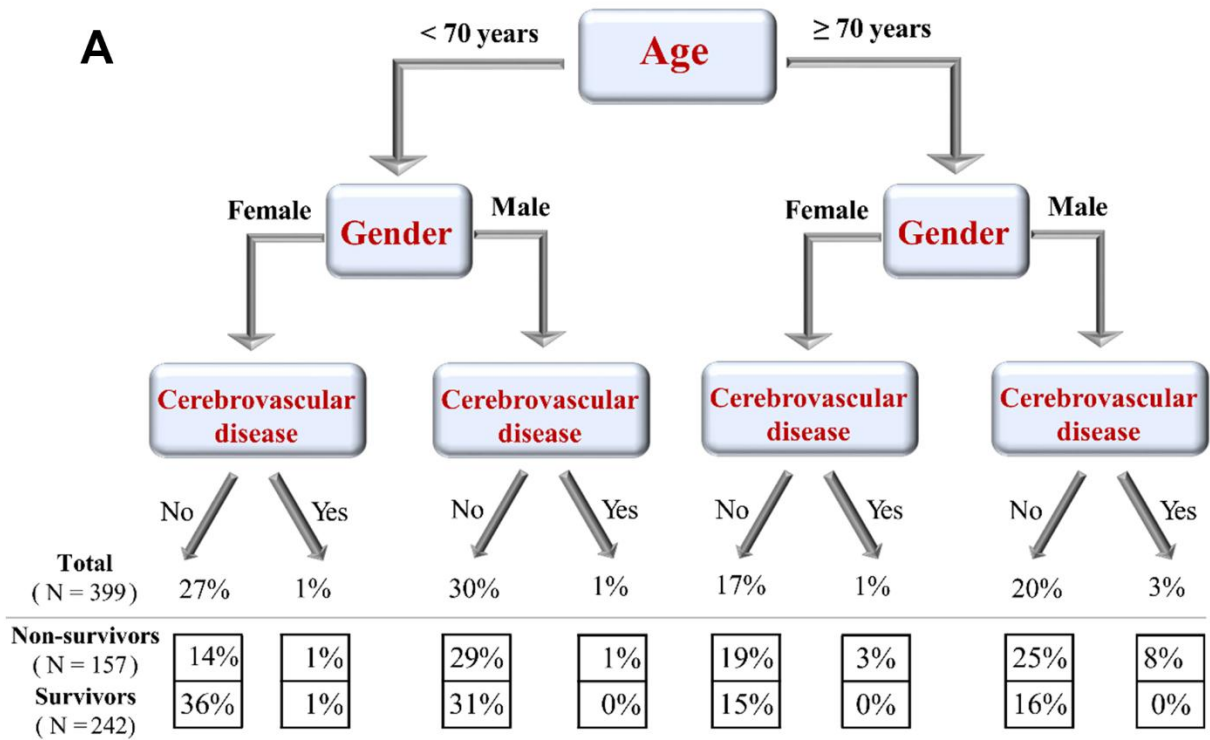
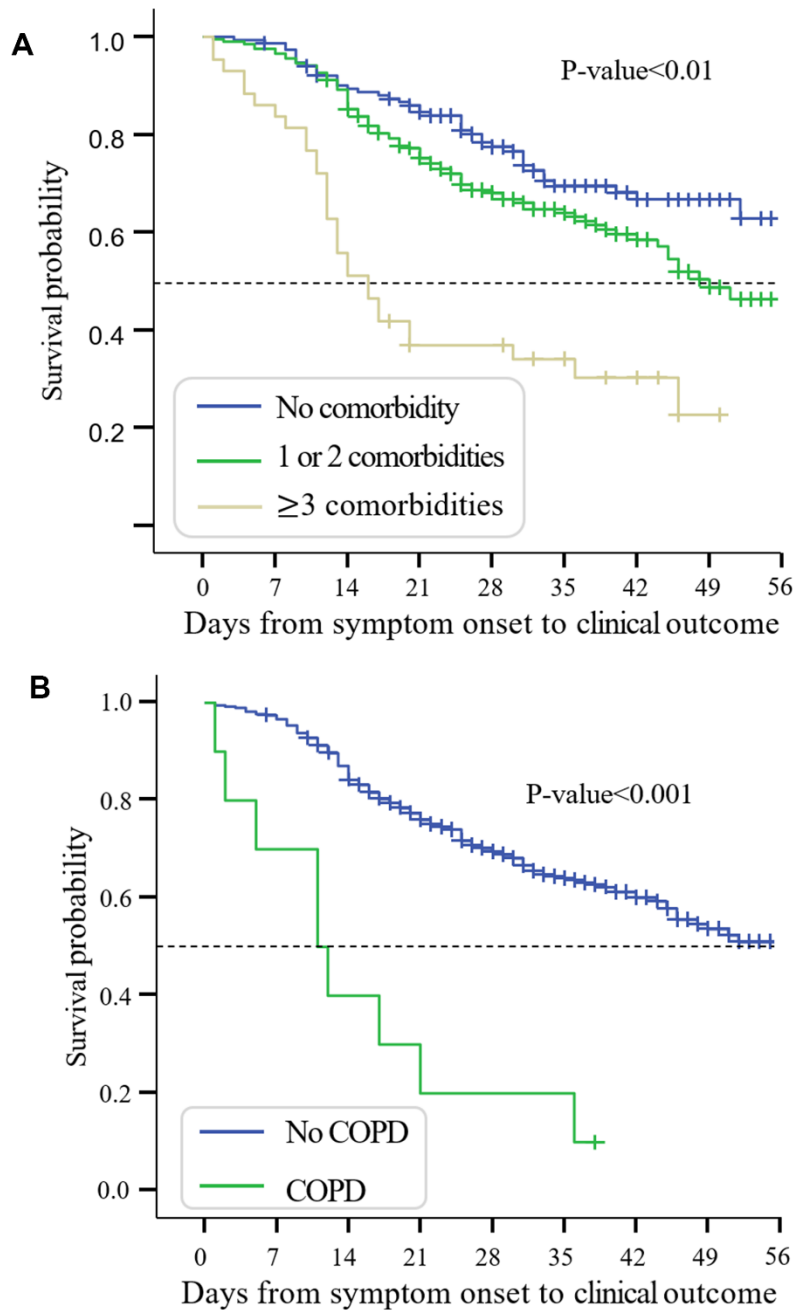


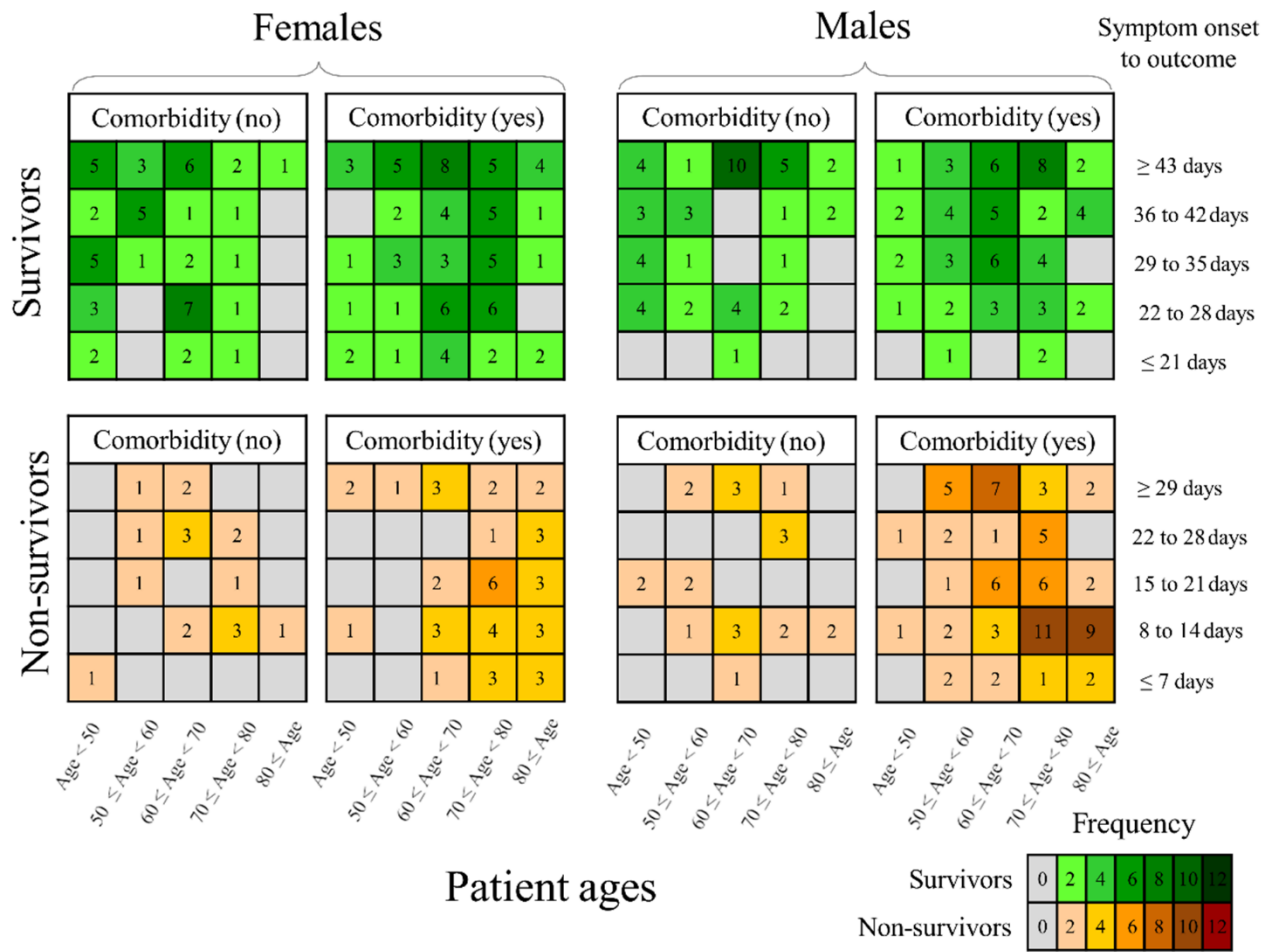
SUPPLEMENTARY FIGURES



Supplementary Figure 1. A tree model shows proportions of COVID-19 survivors and non-survivors based on patient age and gender plus either cerebrovascular disease (A) or COPD (B).



Supplementary Figure 2. Kaplan-Meier curves of COVID-19 patients. (A) Kaplan-Meier curves of COVID-19 patients with ≥ 3 comorbidities (brown), 1 or 2 comorbidities (green), or without any comorbidity (blue). (B) Kaplan-Meier curves of COVID-19 patients with or without COPD. Survival probabilities of patients with COPD (green) and without COPD (blue) are shown with the significant difference (p -value < 0.001).



Supplementary Figure 3. Days from symptom onset to clinical outcomes under the conditions of patient age, gender, and comorbidities.