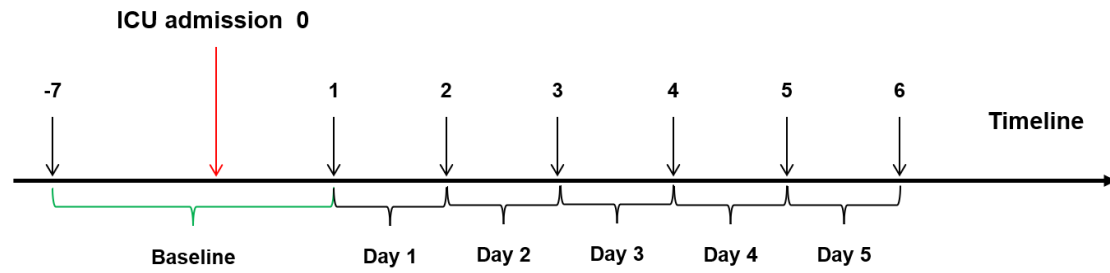
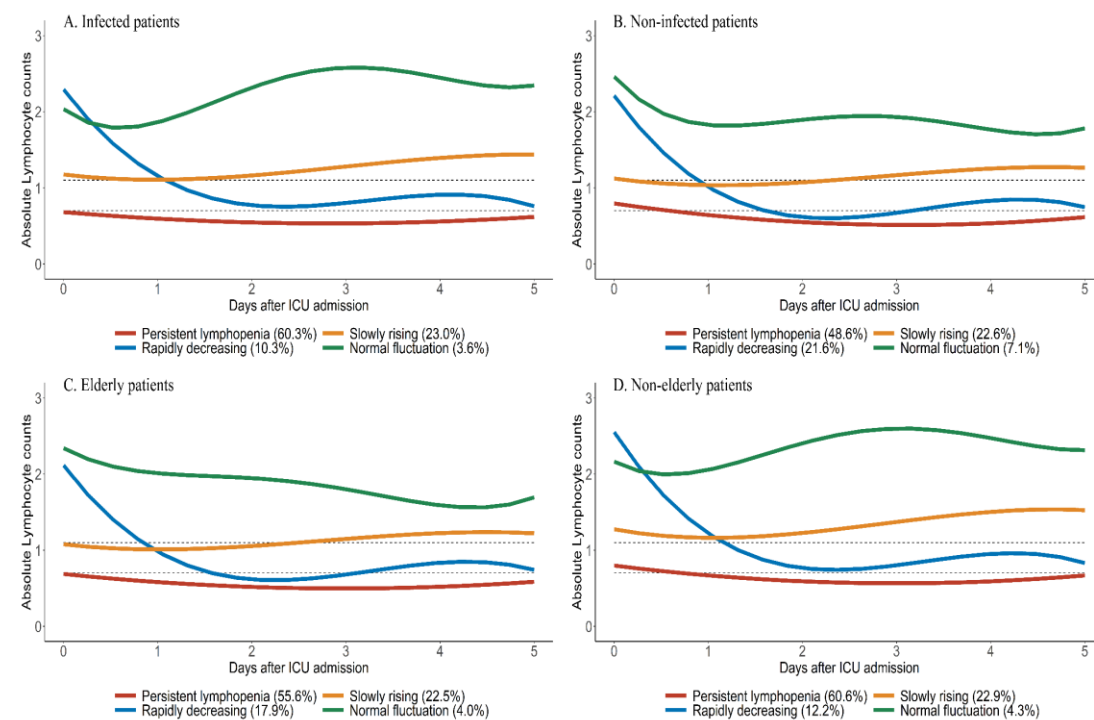


Figure S1.



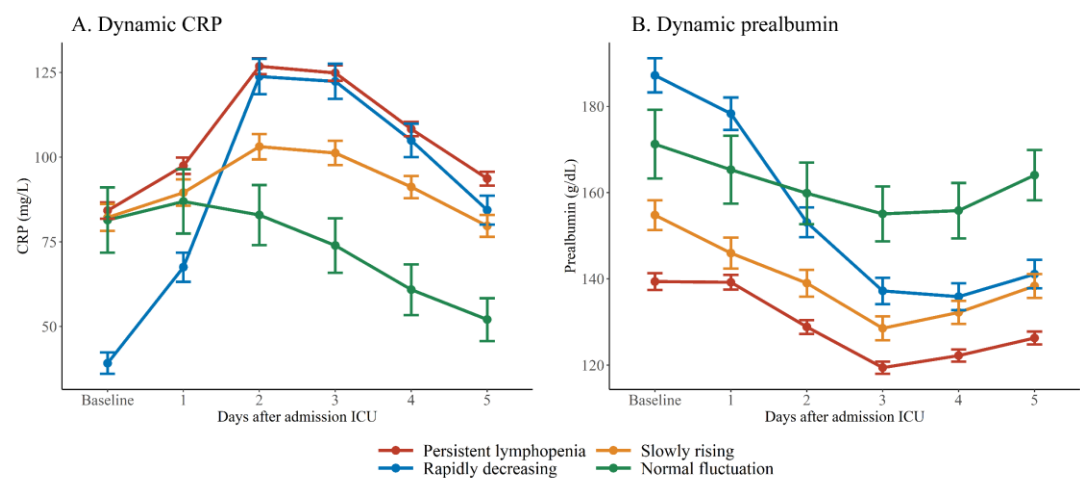
Timeline of this study. Baseline ALC was defined as the mean ALC of ALCs between 7 days before ICU admission and 24 hours after ICU admission, and Day n was defined as the mean ALC from the n day to the n+1 day

Figure S2.



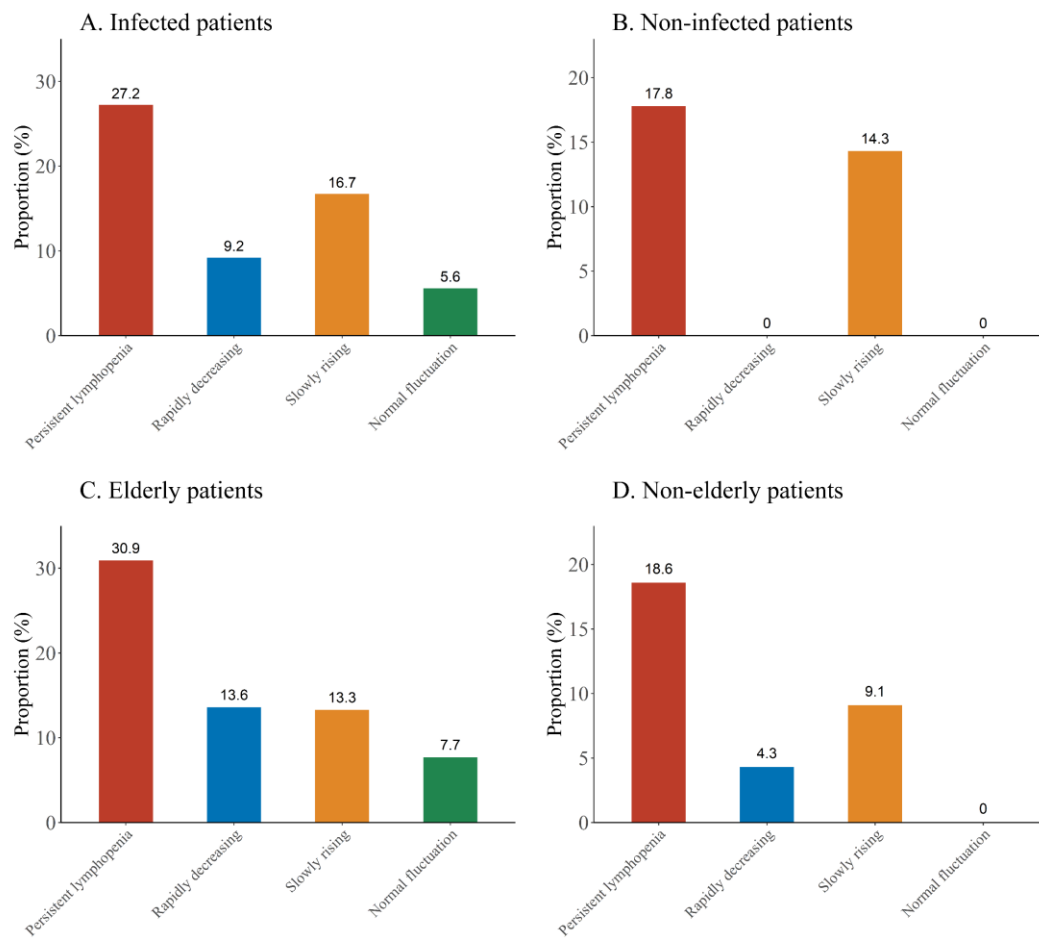
Sensitive analysis. A. Trajectories of ALC in infected patients; B. Trajectories of ALC in non-infected patients; C. Trajectories of ALC in elderly patients; D. Trajectories of ALC in non-elderly patients. The upper gray dotted line represents $1.1 \times 10^9/L$ and the lower gray dotted line represents $0.7 \times 10^9/L$.

Figure S3.



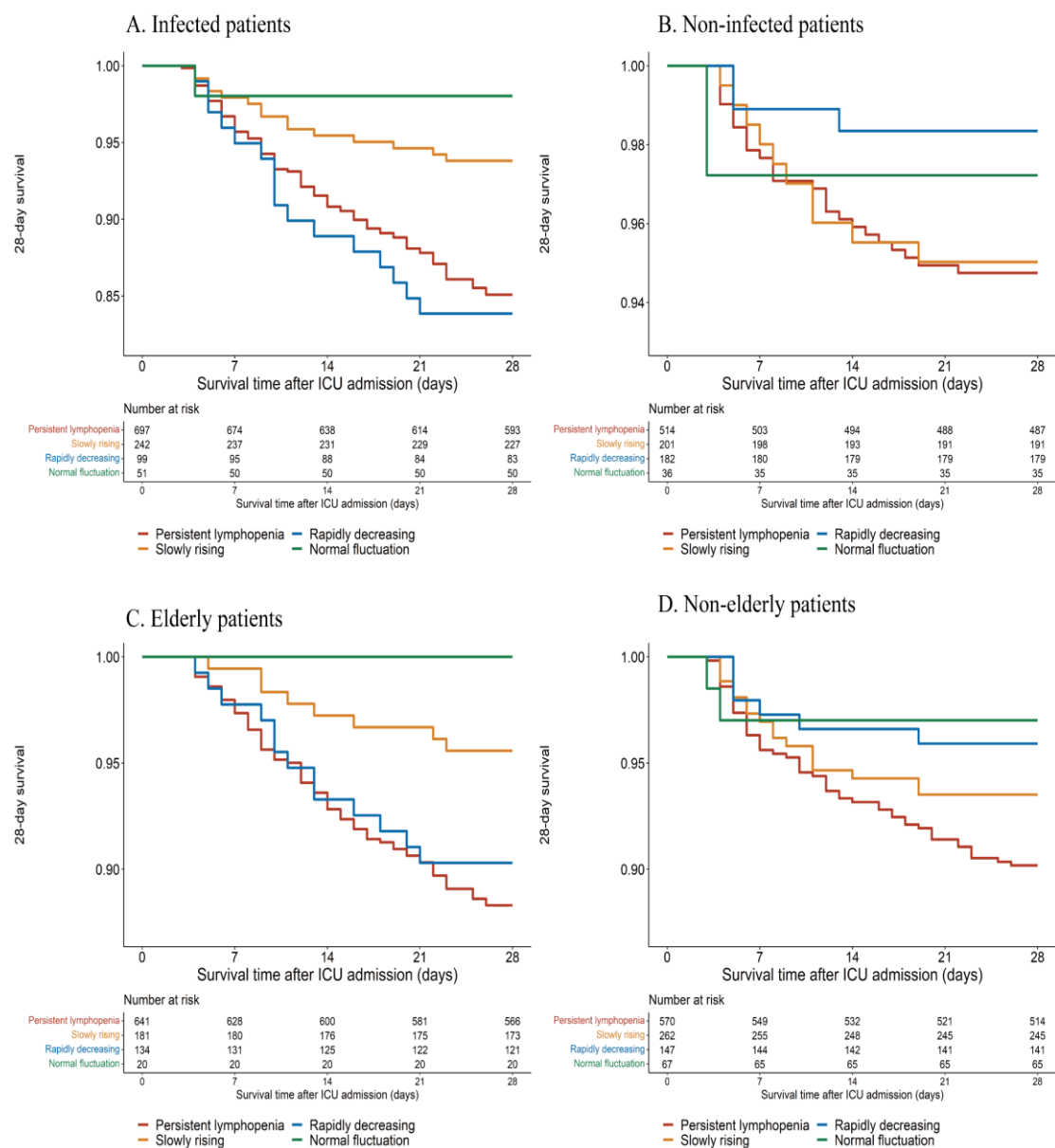
Dynamic changes of CRP and pre-albumin among four ALC trajectory endotypes.

Figure S4.



PICS in different subgroups. A. Infected patients; B. Non-infected patients; C. Elderly patients; D. Non-elderly patients.

Figure S5.



Kaplan-Meier curves for 28-day mortality in different subgroups. A. Infected patients; B. Non-infected patients; C. Elderly patients; D. Non-elderly patients.