

Supplementary Material

Table S1. Prediction performance CHADS₂, CHA₂DS₂-VASc, and CHA₂DS₂-VASc-M for the study endpoints

Endpoint	Risk score	AUC	95% CI	P-value comparing risk scores
Three-month mortality	CHADS ₂	0.668	0.635 - 0.701	0.250
	CHA ₂ DS ₂ -VASc	0.668	0.634 - 0.702	
	CHA ₂ DS ₂ -VASc-M	0.681	0.648 - 0.714	
ARDS	CHADS ₂	0.579	0.547 - 0.611	0.932
	CHA ₂ DS ₂ -VASc	0.576	0.543 - 0.610	
	CHA ₂ DS ₂ -VASc-M	0.579	0.546 - 0.612	
Cardiac injury	CHADS ₂	0.650	0.616 - 0.683	0.107
	CHA ₂ DS ₂ -VASc	0.671	0.638 - 0.705	
	CHA ₂ DS ₂ -VASc-M	0.667	0.634 - 0.701	
AKI	CHADS ₂	0.662	0.620 - 0.704	0.369
	CHA ₂ DS ₂ -VASc	0.649	0.604 - 0.694	
	CHA ₂ DS ₂ -VASc-M	0.664	0.622 - 0.706	
Mechanical ventilation	CHADS ₂	0.642	0.599 - 0.685	0.120
	CHA ₂ DS ₂ -VASc	0.634	0.588 - 0.681	
	CHA ₂ DS ₂ -VASc-M	0.659	0.617 - 0.700	

Abbreviations: AKI, acute kidney injury; ARDS, acute respiratory distress syndrome; AUC, area under the curve; CI, confidence interval.

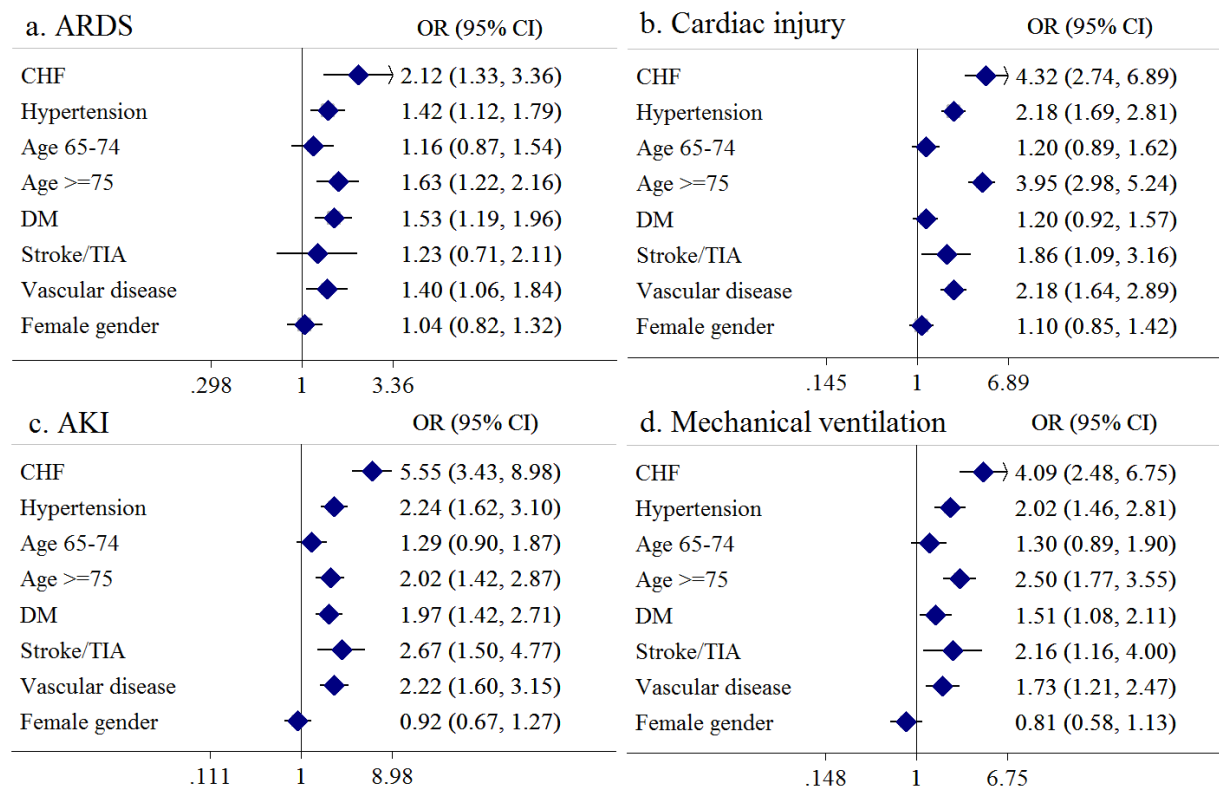


Figure S1 Forrest plot of odds ratios for individual CHA₂DS₂-VASc components regarding (a) ARDS, (b) Cardiac injury, (c) AKI, and (d) Mechanical ventilation. Abbreviations: AKI, acute kidney injury; ARDS, acute respiratory distress syndrome.

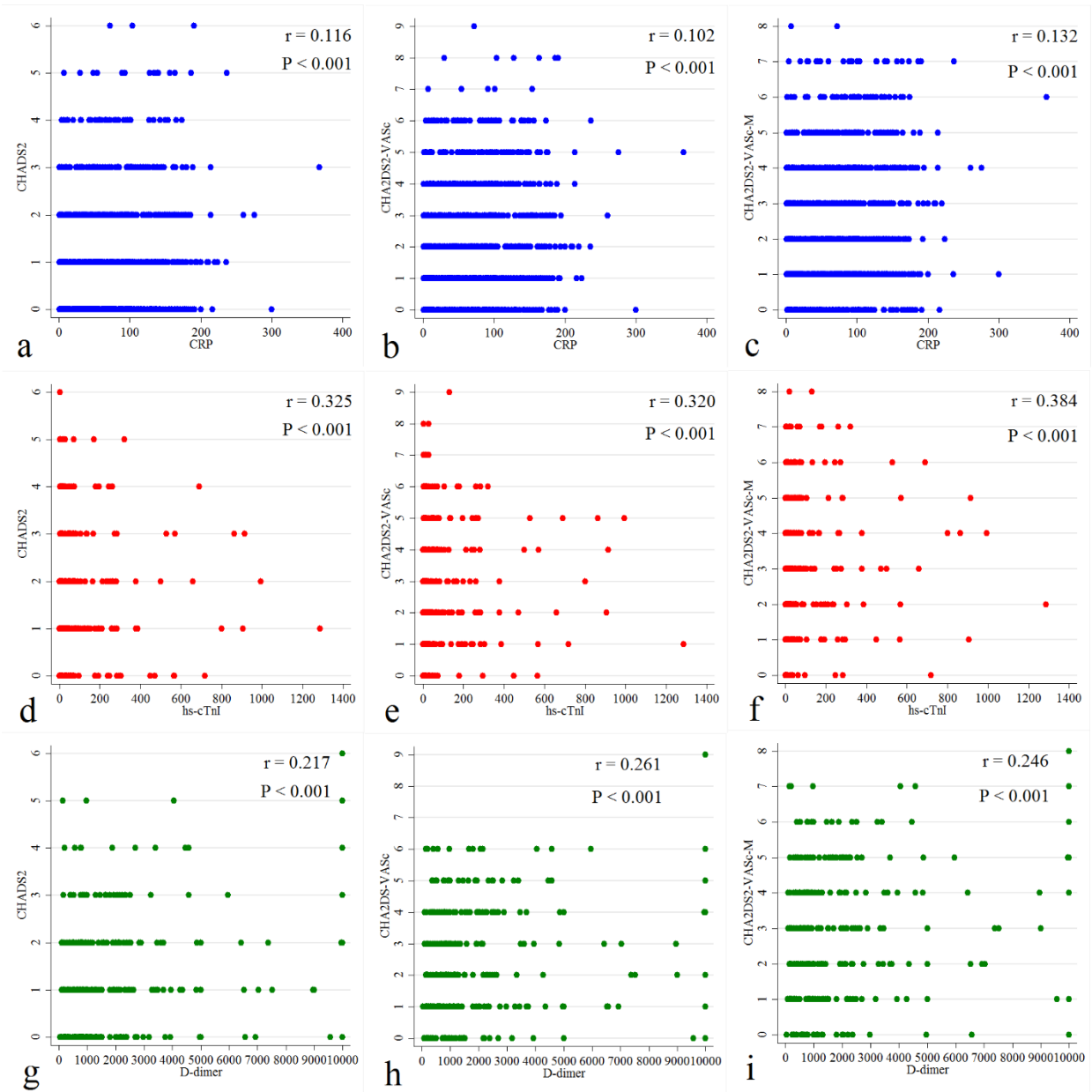


Figure S2 Correlation between CHADS₂, CHA₂DS₂-VASc and CHA₂DS₂-VASc-M scores and CRP (mg/L), hs-cTnI (pg/mL), and D-dimer (mg/L). Abbreviations: CRP, C-reactive protein; hs-cTnI, highly sensitive cardiac troponin I.