**SPPLEMENTAL MATERIAL**

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# Definition

* 1. **All-cause mortality:** All of the deaths that occur in the included population, regardless of the cause.
	2. **Overall mortality:** It includes in-hospital all-cause mortality and follow-up all-cause mortality.
	3. **In-hospital mortality:** All-cause mortality during hospitalization.
	4. **Follow-up mortality:** All-cause mortality during the follow-up period.
	5. **Major adverse cardiovascular events (MACEs):** MACEs is defined as a composite of reinfarction, stroke, heart failure, and emergency repeated percutaneous coronary intervention.
	6. **In-hospital MACEs:** MACEs during hospitalization.
	7. **Follow-up MACEs:** MACEs during the follow-up period.

# Figure S1 Results of quality assessment using the Cochrane Collaboration’s risk of bias tool (Randomized Controlled Trial)

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# Figure S2 Forest plot for the association between blood transfusion strategies with in-hospital and follow-up mortality



A: In- hospital mortality; B: Follow-up mortality

# Figure S3 Funnel plot analysis of potential publication bias



# Figure S4 A leave-one-out sensitivity analysis of this meta-analysis

