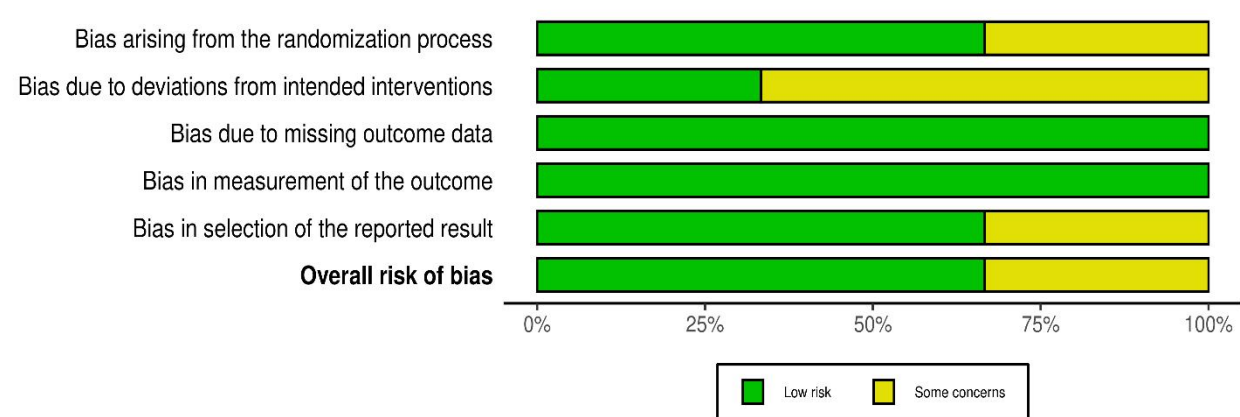
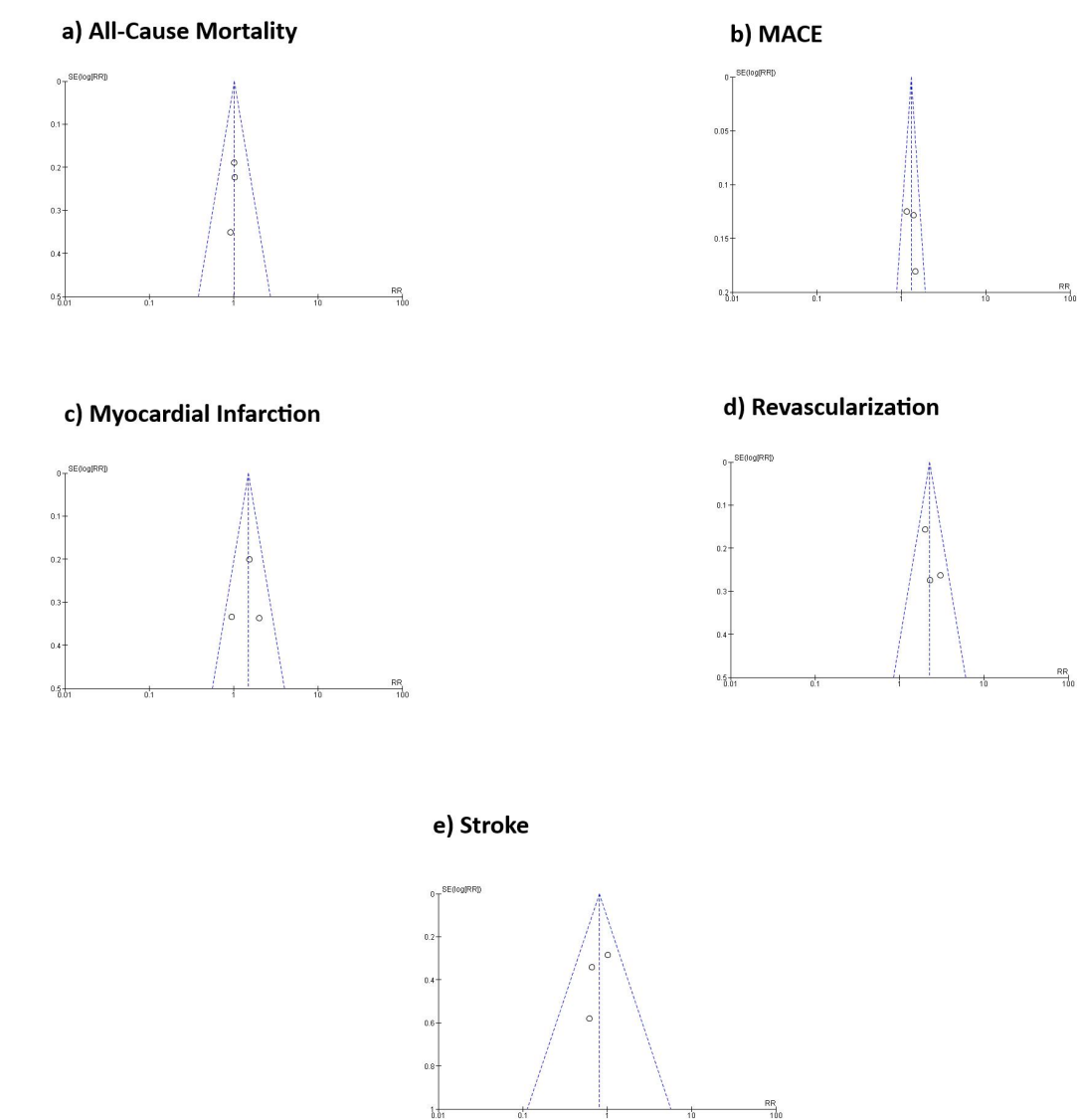


Supplementary Figure 1 Traffic light plot of RoB 2.0 assessment for individual randomized controlled trials.



Supplementary Figure 2 Summary plot of RoB 2.0 assessment for included randomized controlled trials.



Supplementary Figure 3 Funnel plots comparing outcomes between FFR-guided PCI and CABG in multivessel CAD patients.

A: All-cause mortality; B: MACE; C: Myocardial infarction; D: Revascularization; E: Stroke.

Supplementary Table 1 GRADE Assessment of the clinical outcomes

Name of Outcome	No. of Studies	Study Design	Risk of Bias	Inconsistency	Imprecision	Indirectness	Effect Size (RR + CI)	Certainty of Evidence
All-Cause Mortality	3	RCT	Serious	Not serious (I <sup>2</sup> =0%, P=0.93)	Serious (wide CI: 0.78–1.31)	Not serious	RR=1.01 (95% CI: 0.78–1.31)	Low
Major Adverse Cardiovascular Events	3	RCT	Serious	Not serious (I <sup>2</sup> =0%, P=0.001)	Not serious	Not serious	RR=1.30 (95% CI: 1.11–1.52)	Moderate
Myocardial Infarction	3	RCT	Serious	Not serious (I <sup>2</sup> =25%, low)	Not serious	Not serious	RR=1.49 (95% CI: 1.11–2.01)	Moderate
Repeat Revascularization	3	RCT	Serious	Not serious (I <sup>2</sup> =0%, P<0.00001)	Not serious	Not serious	RR=2.25 (95% CI: 1.78–2.85)	Moderate
Stroke	3	RCT	Serious	Not serious (I <sup>2</sup> =0%, P=0.28)	Serious (wide CI: 0.54–1.20)	Not serious	RR=0.80 (95% CI: 0.54–1.20)	Low