Supplementary

Table S1 Modified Institute of Health Economics Quality Appraisal Checklist for Case Series

Number	Criteria
1	Was the hypothesis/aim/objective of the study clearly stated?
2	Was the study conducted prospectively?
3	Were the cases collected in more than one center?
4	Were patients recruited consecutively?
5	Were the characteristics of the patients included in the study described?
6	Were the eligibility criteria for entry into the study clearly stated?
7	Did patients enter the study at a similar point in the disease?
8	Was the intervention of interest clearly described?
9	Were additional interventions clearly described?
10	Were relevant outcome measured established a priori?
11	Were the relevant outcome measured using appropriate objective/subjective methods?
12	Were the relevant outcome measures made before and after the intervention?
13	Were the statistical tests used to assess the relevant outcomes appropriate?
14	Was follow-up long enough for important events and outcomes to occur?
15	Were losses to follow-up reported?
16	Did the study provided estimates of random variability in the data analysis of relevant outcomes?
17	Were the adverse events reported?
18	Were the conclusions of the study supported by results?
19	Were conflicts of interest reported?

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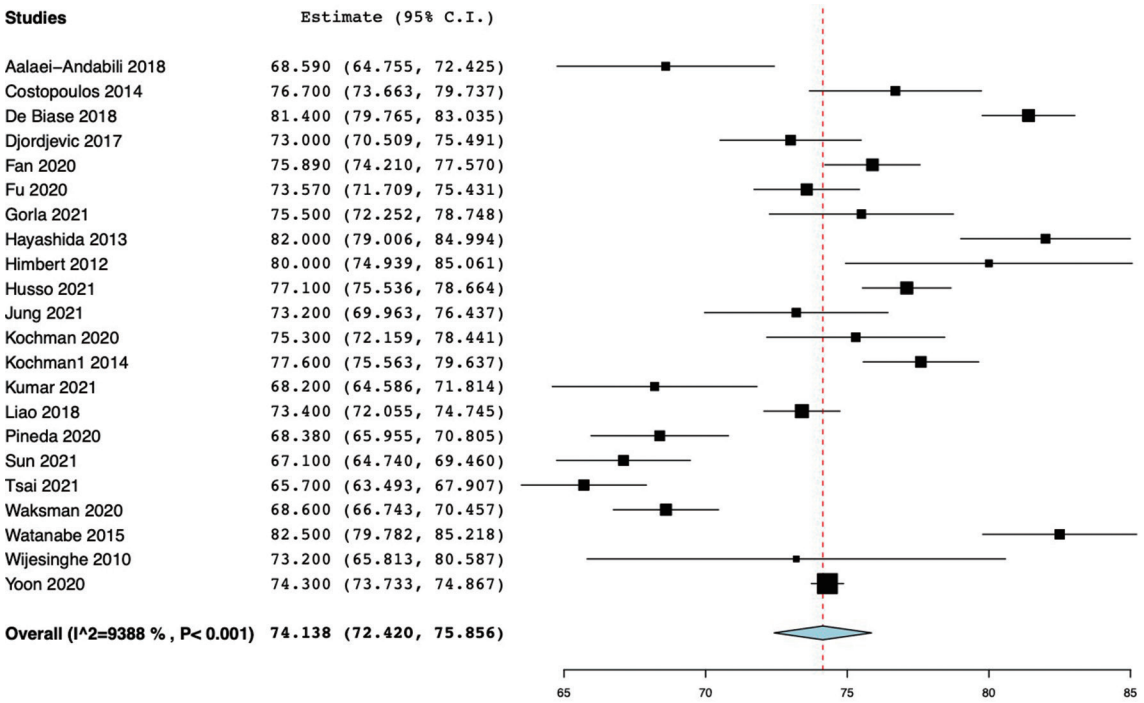

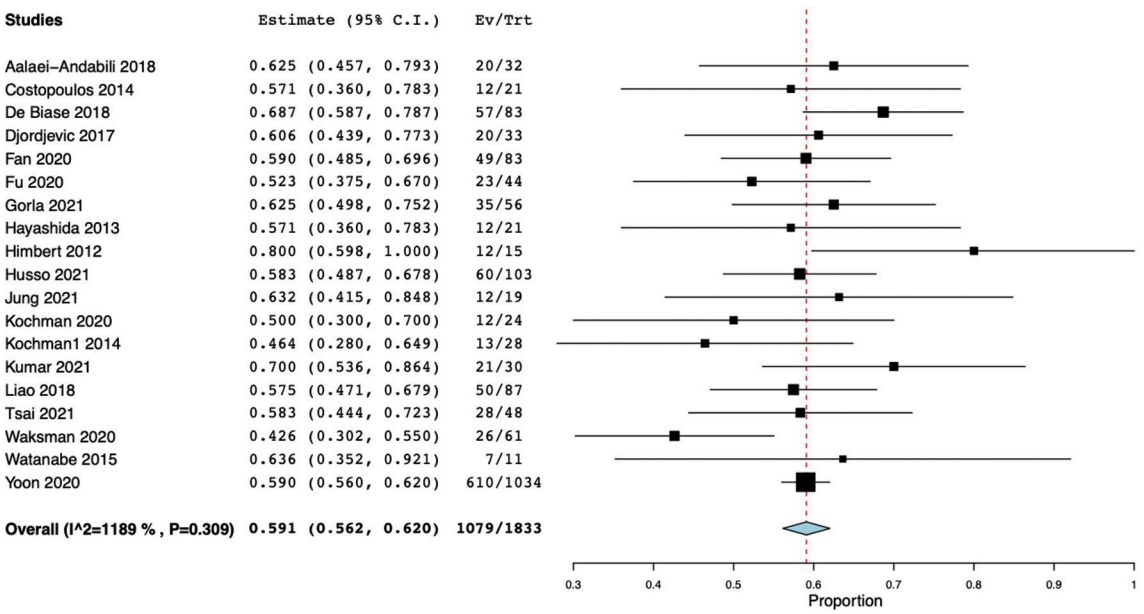

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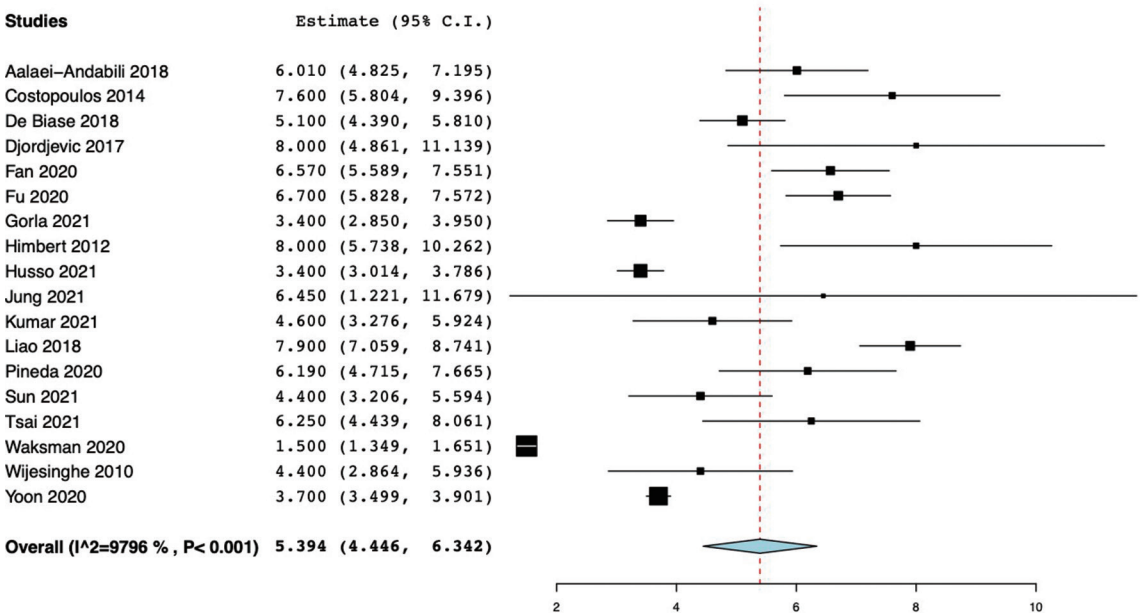

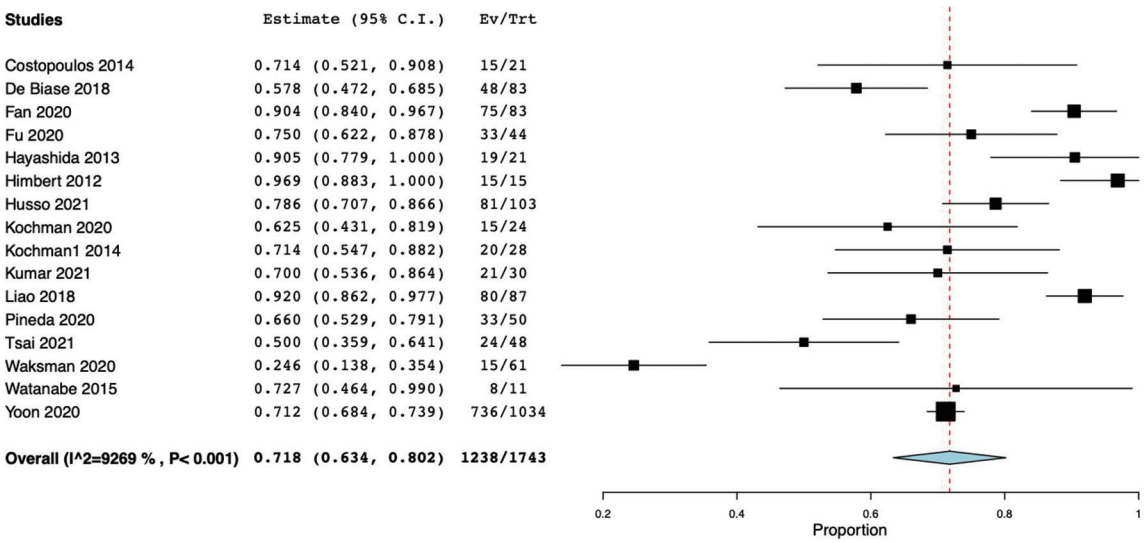

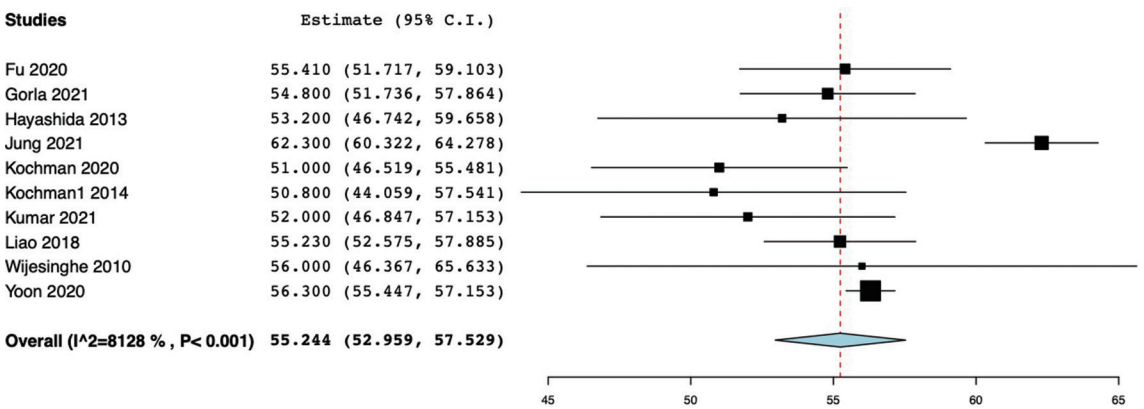

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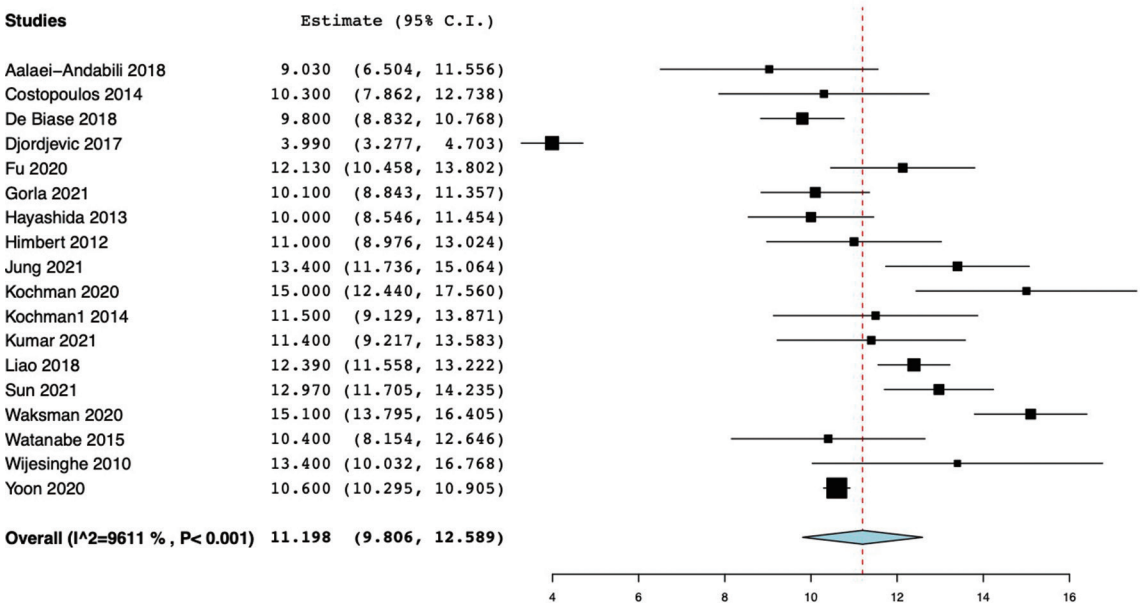

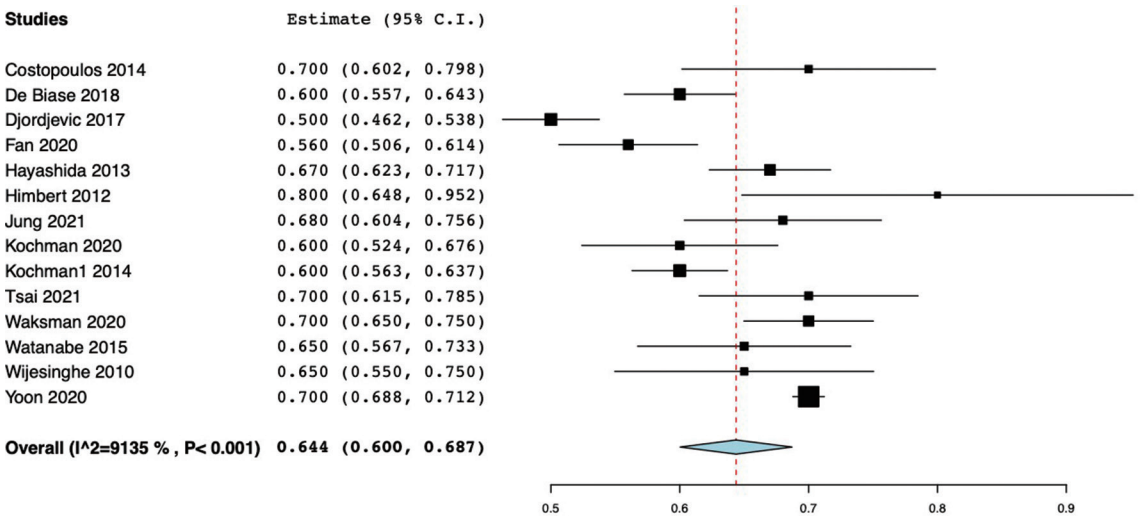

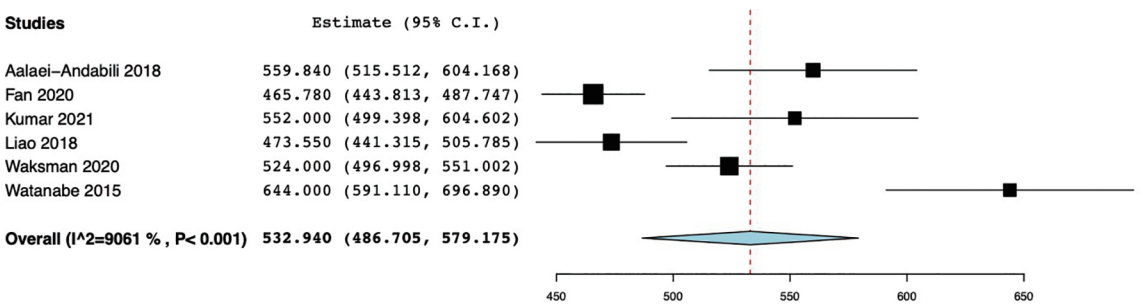

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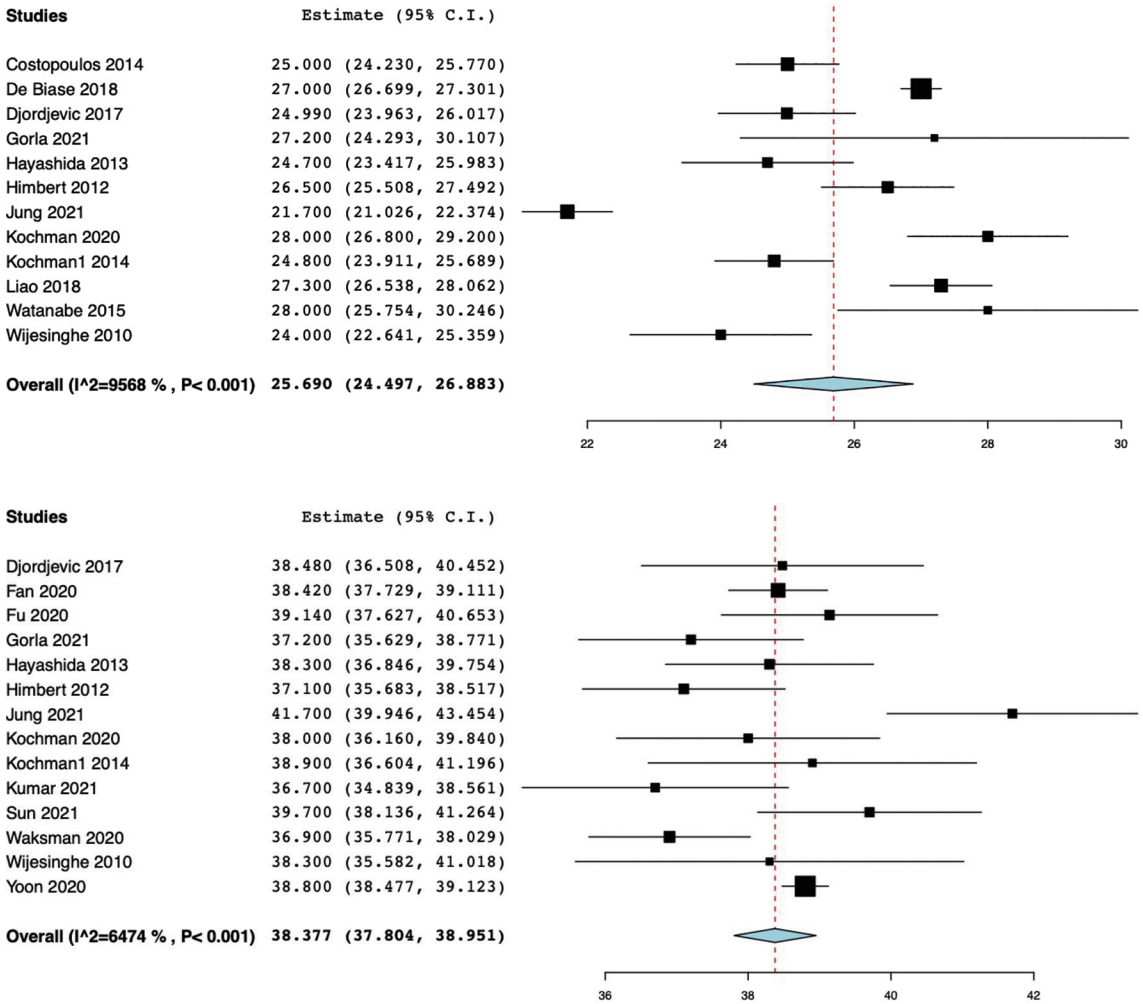

Figure S1 Forest plots of included studies comparing baseline characteristics: (A) age; (B) male sex; (C) STS-PROM score; (D) NYHA class III/IV; (E) LVEF; (F) mean aortic gradient; (G) aortic valve area; (H) aortic annulus area; (I) mean aortic annulus diameter; (J) ascending aortic size. STS-PROM, Society of Thoracic Surgery-Predicted Risk of Mortality Score; NYHA, New York Heart Association; LVEF, left ventricular ejection fraction; CI, confidence interval; Ev/Trt, events/total patients in treatment group.

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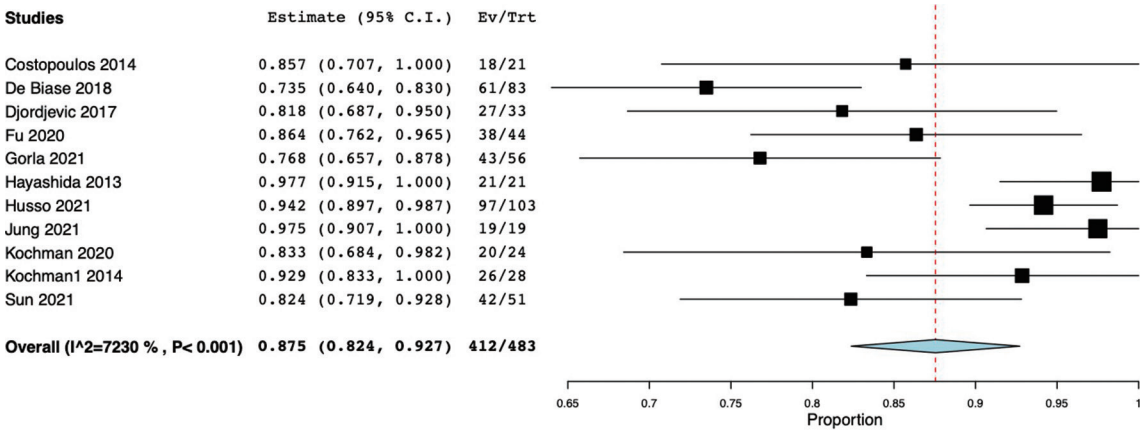

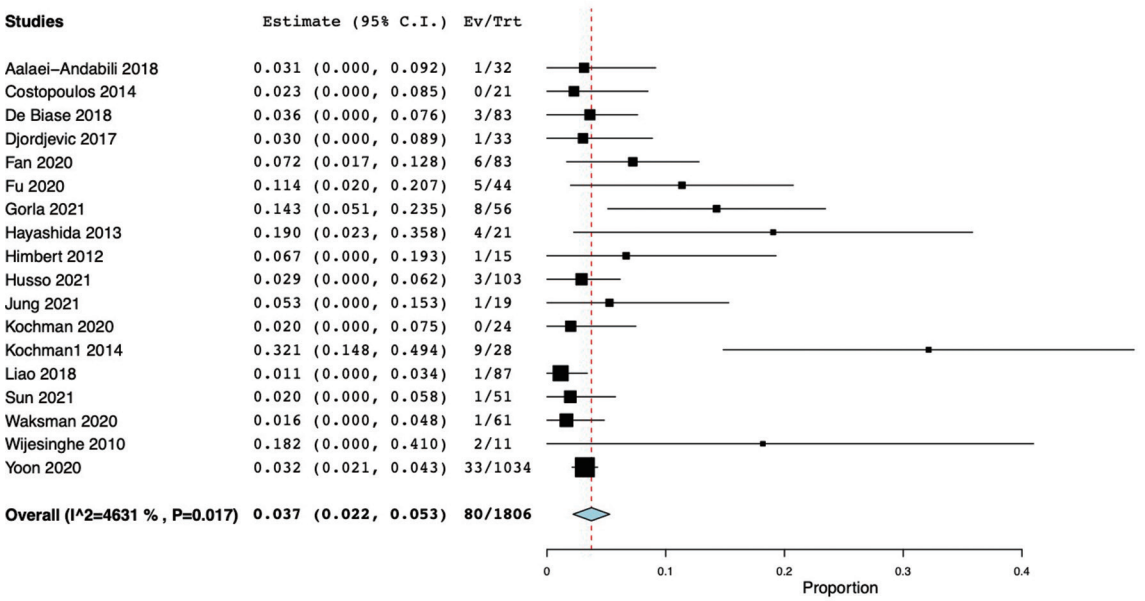

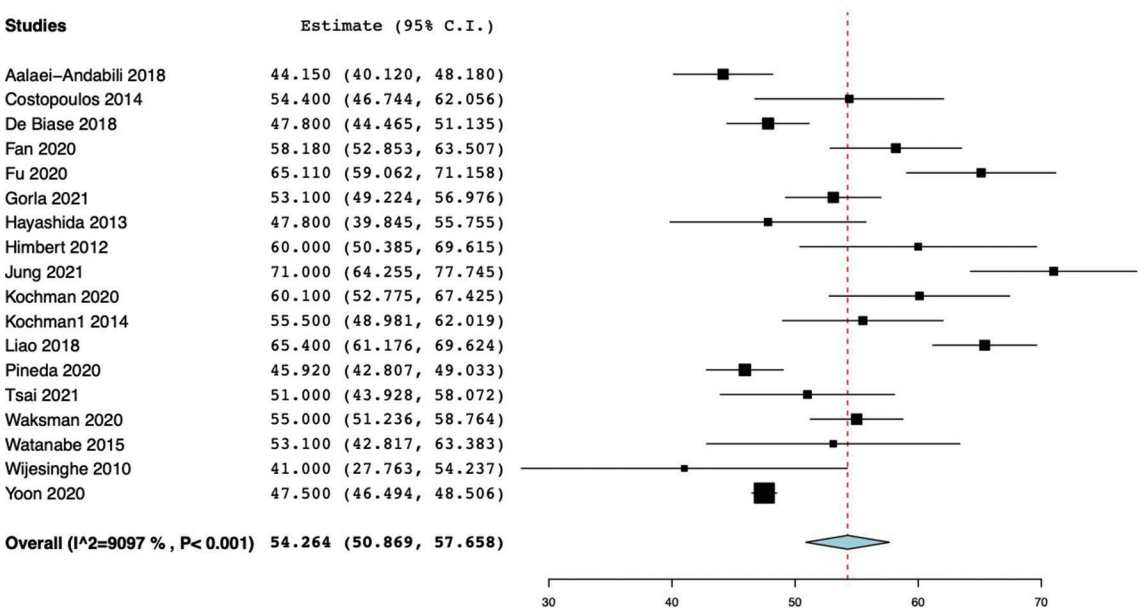

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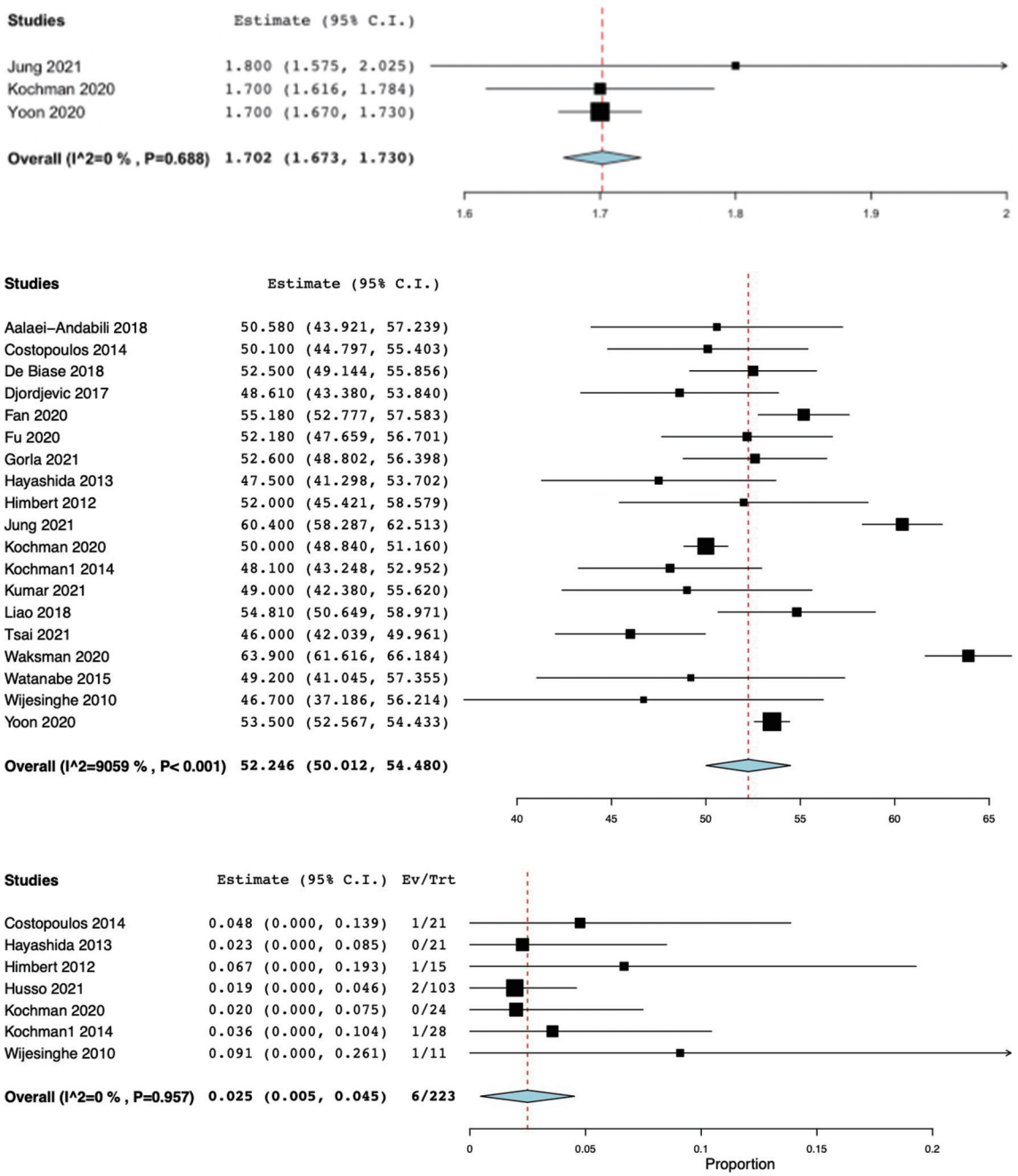

Figure S2 Forest plots of included studies comparing post-procedural outcomes: (A) device success; (B) moderate/severe PVL; (C) mean aortic gradient; (D) effective orifice area; (E) LVEF; (F) device migration. PVL, paravalvular leak; LVEF, left ventricular ejection fraction; CI, confidence interval; Ev/Trt, events/total patients in treatment group.

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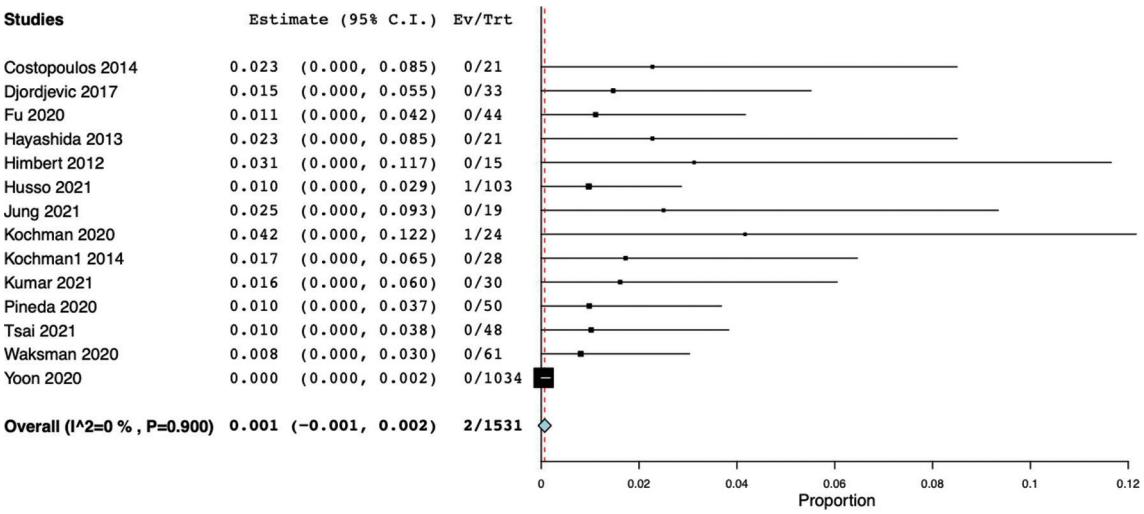

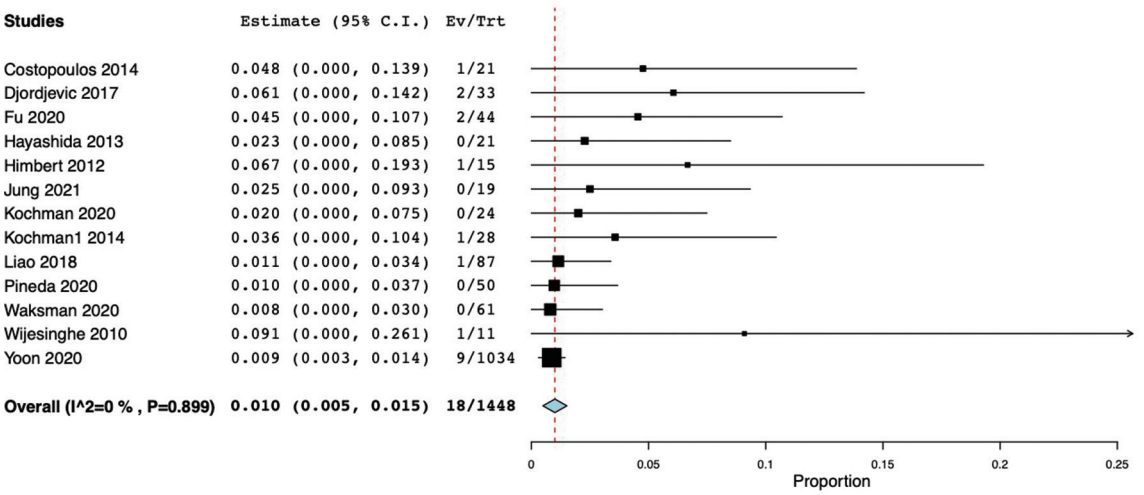

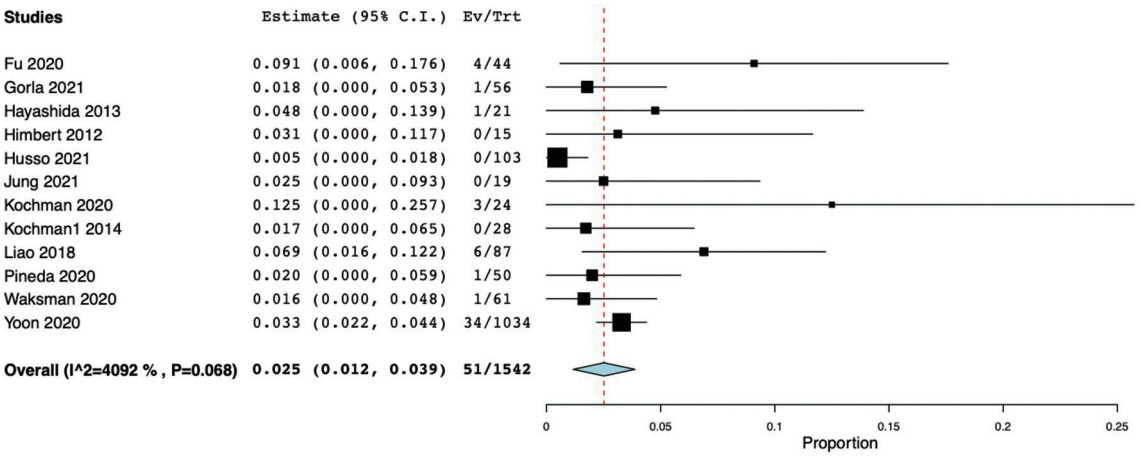

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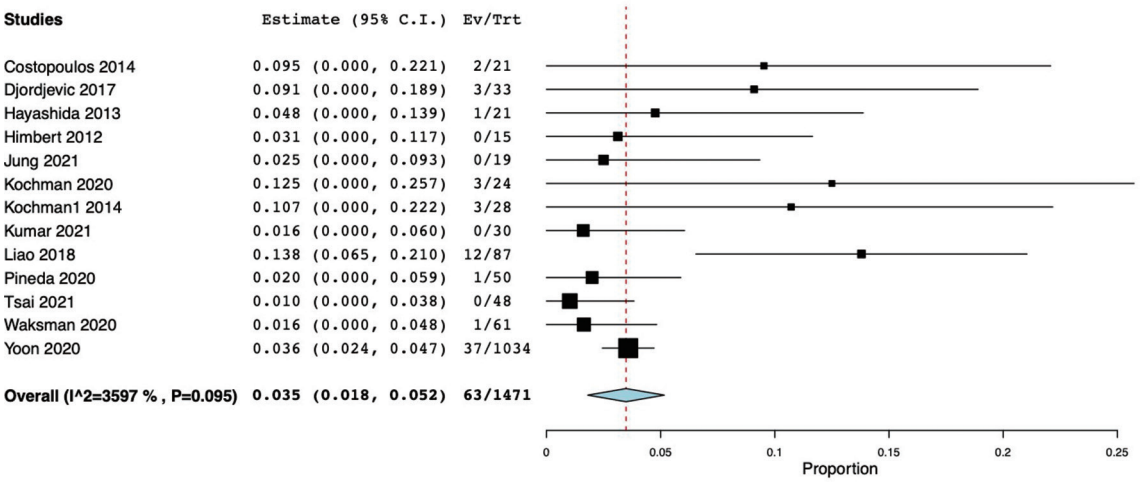

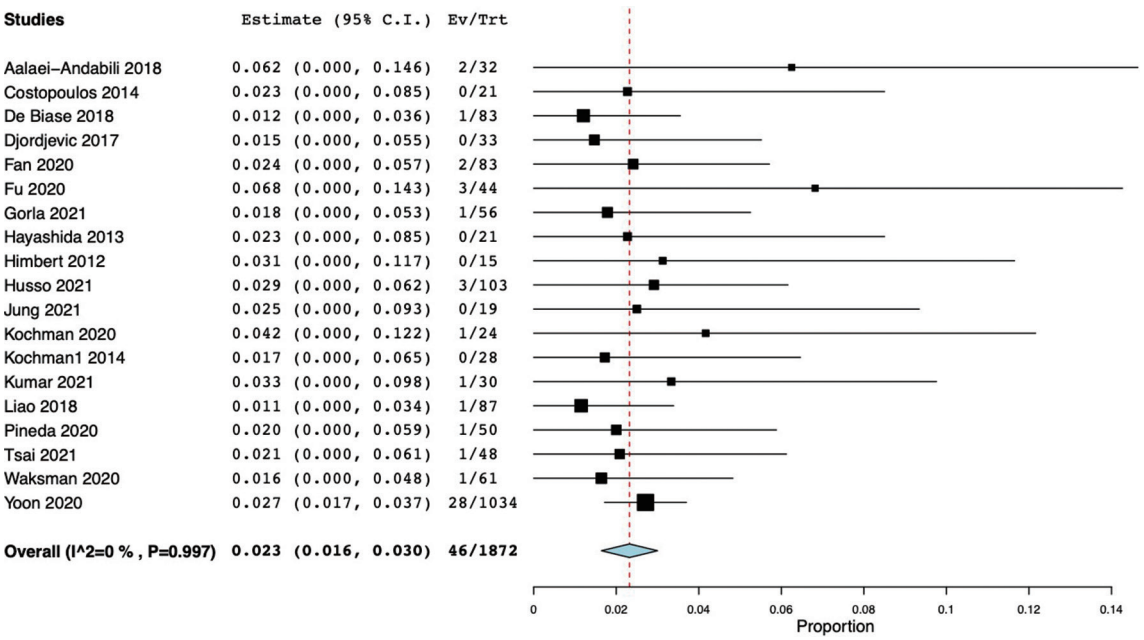

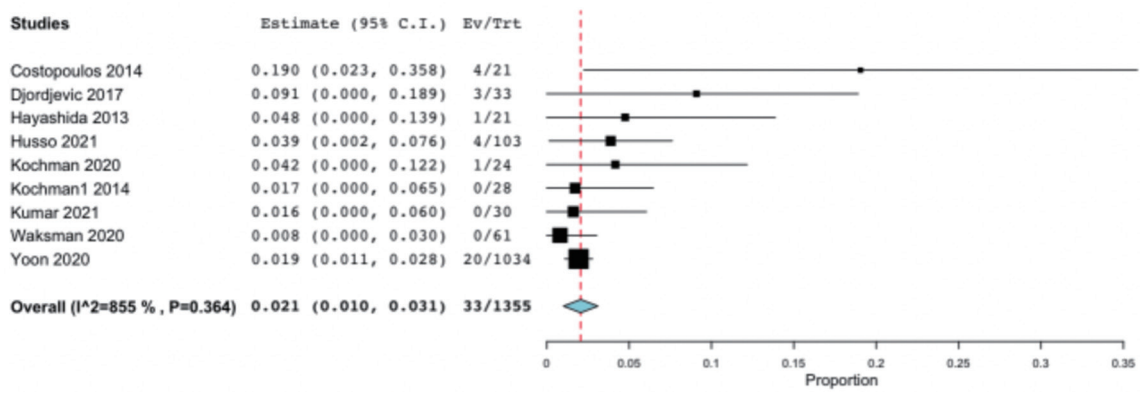

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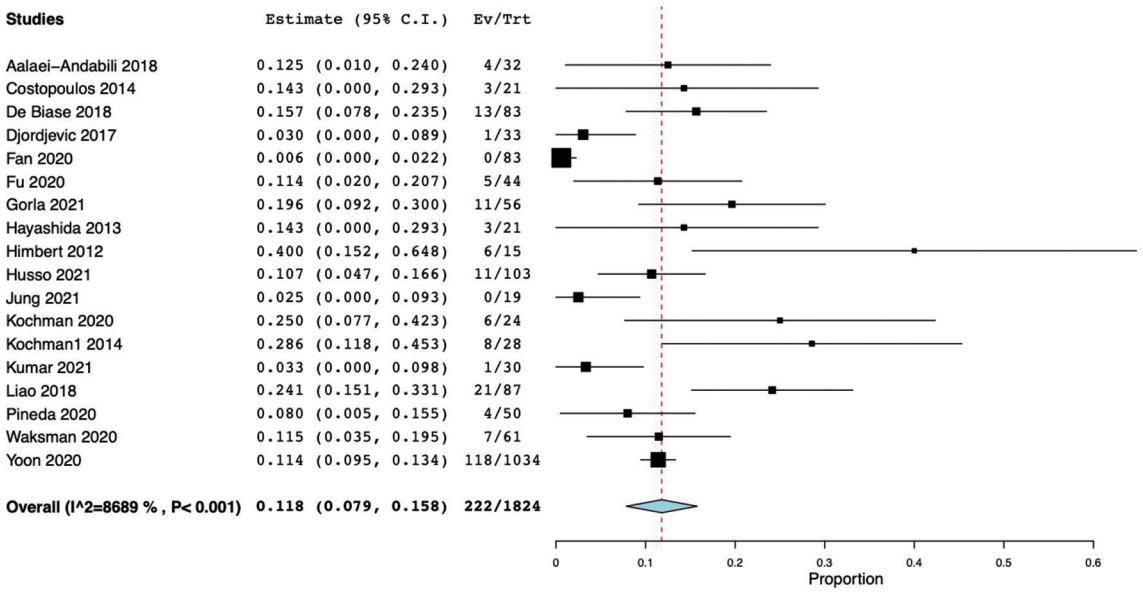

Figure S3 Forest plots of included studies comparing clinical outcomes: (A) coronary obstruction; (B) conversion to surgery; (C) major vascular complications; (D) major bleeding; (E) stroke; (F) acute kidney injury; (G) new PPI. PPI, permanent pacemaker insertion; CI, confidence interval; Ev/Trt, events/total patients in treatment group.

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