Supplementary Fig. S1  Flow diagram for the meta-analysis.

Supplementary Fig. S2  Proportion of women. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.

Supplementary Fig. S3  Proportion of patients with diabetes mellitus. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.
Supplementary Fig. S4  Proportion of patients with coronary artery disease. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.

Supplementary Fig. S5  Proportion of patients with baseline New York Heart Association functional class of ≥III. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.

Supplementary Fig. S6  Baseline ejection fraction. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.
Supplementary Fig. S7  Predicted mortality. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.

Supplementary Fig. S8  Ages. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.

Supplementary Fig. S9  Proportion of patients with undergoing prior coronary artery bypass grafting. CI, confidence interval; IV, inverse variance; SAVR, surgical aortic valve replacement; VIV-TAVI, valve-in-valve transcatheter aortic valve implantation.
**Supplementary Fig. S10** Funnel plot for early all-cause mortality.
Supplementary Fig. S11  Funnel plot for midterm all-cause mortality.