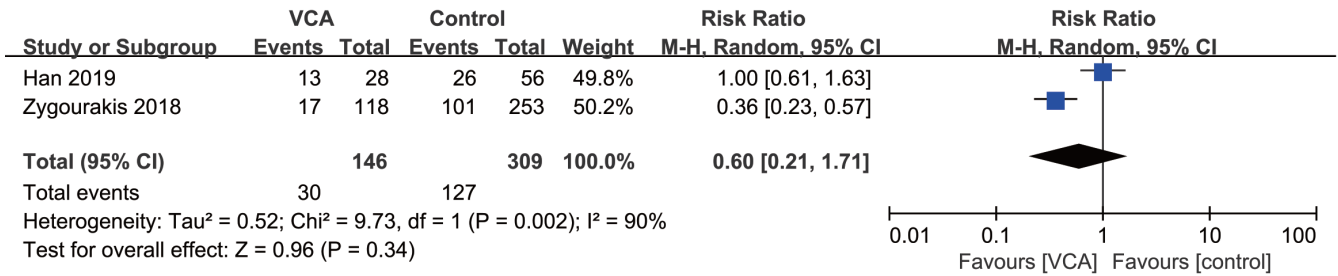
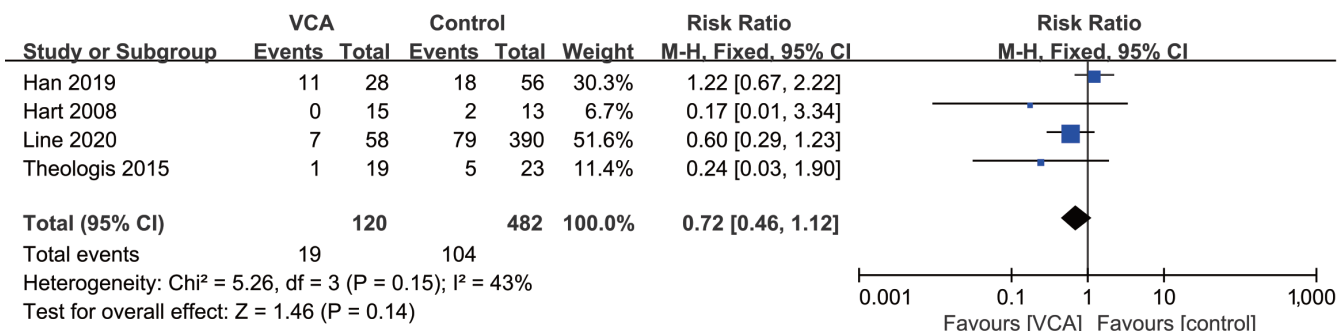


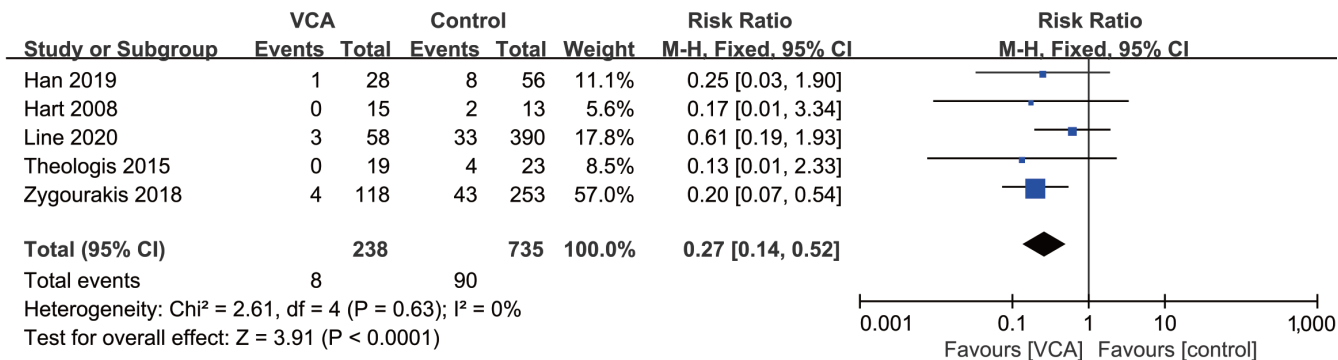
**PJK rates**



**PJF rates**



**Revision rates**



**Supplementary Fig. 1.** The forest plots recalculated after excluding lower-quality studies. VCA, vertebral cement augmentation; M-H, Mantel-Haenszel; CI, confidence interval; df, degrees of freedom.