

ESM 7. Supplementary Table 6. Sensitivity analysis of impact of risk of bias on overall hazard ratios (95% confidence intervals) DOACs against VKAs for efficacy and safety outcomes (0 low to 3 high risk of bias)

Risk if bias	Main efficacy	Major bleeding	IC bleeding	GI bleeding	Myocardial infarction	Death
0	0.84 (0.73-0.96)	0.87 (0.76-1.00)	0.37 (0.25-0.54)	1.06 (0.85-1.31)	0.76 (0.53-1.11)	0.95 (0.74-1.23)
1	0.82 (0.77-0.88)	0.80 (0.71-0.89)	0.61 (0.50-0.74)	1.05 (0.89-1.24)	0.87 (0.74-1.02)	0.88 (0.73-1.06)
2	0.78 (0.68-0.91)	0.75 (0.68-0.82)	0.51 (0.43-0.59)	0.96 (0.80-1.16)	0.73 (0.52-1.02)	0.58 (0.40-0.83)
3	0.86 (0.78-0.95)	0.81 (0.65-1.01)	0.57 (0.47-0.70)	1.08 (0.94-1.25)	0.88 (0.79-0.97)	0.55 (0.33-0.91)

IC...intracranial, GI...gastrointestinal.