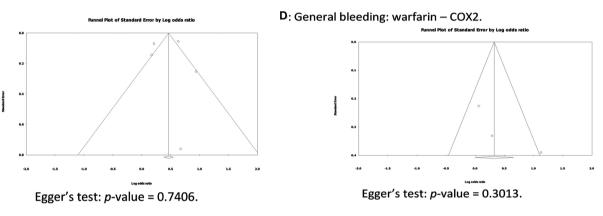


Egger's test: p-value = 0.9678

B: General bleeding: warfarin – NSAID.



Supplementary Appendix S1 Sensitivity analysis showing the influence of each study on the pooled estimate, one-study removed approach.

A: Gastrointestinal bleeding: warfarin – NSAID.

B : Gastrointestinal bleeding: warfarin – COX2.

Study	Statistics with study removed						Odds ratio (95% CI) with study removed				
		Lower	IInner								
			limit Z-Valuep-Value								
	1 01110			L Falac	p raide						
Shoor, 1993	1.94	1.51	2.51	5.14	0.00			-		1	
Johsen, 2001	1.93	1.51	2.47	5.23	0.00						
Battistella, 2005	2.02	1.53	2.67	4.98	0.00						
Hauta-Aho, 2009	1.96	1.52	2.52	5.24	0.00						
Cheethan, 2009	1.66	1.42	1.94	6.37	0.00						
Schelleman, 2011	2.31	1.49	3.58	3.74	0.00			-			
Mosholder, 2013	2.35	1.64	3.36	4.67	0.00						
	1.98	1.55	2.53	5.51	0.00			•			
						0.01	0.1	1	10	100	
							Warfarin	Warfarin + NSAIDs		AIDs	

C: General bleeding: warfarin – NSAID.

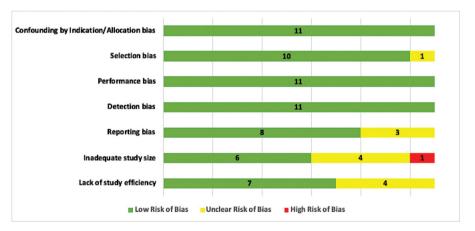
Study	Sta	tistics	with st	Odds ratio (95% CI) with study removed			
		Lower	Upper				
	Point	limit	limit	Z-Value	p-Value		
Zhang, 2006	1.45	1.07	1.96	2.39	0.02	ΤŤ	H 1 1
Hauta-Aho, 2009	1.44	1.05	1.97	2.29	0.02		4
Wallerstedt, 2009	1.57	1.16	2.13	2.92	0.00		-
Vitry, 2011	1.73	1.23	2.44	3.11	0.00		
Mosholder, 2013	1.74	1.24	2.43	3.22	0.00		
	1.58	1.18	2.12	3.07	0.00		•
	1.50	1.10	2.12	5.07		0.01 0.1 wartaria	1 10 10 Warfarin + NSAIDs

D : General bleeding: warfarin – COX2 .

Statistics with study removed Odds ratio (95% CI) Study with study removed Lower limit Upper limit Z-Value p-Value Point Battistella, 2005 1.89 0.74 4.82 1.33 0.18 -Hauta-Aho, 2009 1.89 1.45 2.45 4.77 0.00 ٠ . Cheetham, 2009 1.91 1.46 2.50 4.75 0.00 1.90 1.47 2.46 4.85 0.00 ٠ 0.01 100 0.1 1 10

Study	St	atistics v	Odds ratio (95% CI)				
	Point	Lower limit	Upper limit	Z-Value	n-Value	with study removed	
	1 onite	mine	mine	L falac	p raide		
Chung, 2005	1.74	0.61	4.90	1.04	0.30		
Hauta-Aho, 2009	1.15	0.80	1.66	0.74	0.46		
Vitry, 2011	1.99	0.87	4.51	1.64	0.10		
	1.54	0.86	2.78	1.45	0.15		
						0.01 0.1 1 10 100 Warfarin Warfarin + COX-2	

Supplementary Appendix S2 Funnel plots for meta-analysis of studied outcomes.



Supplementary Appendix S3 Assessment of risk of bias of included studies.