Appendix figure 3. Forest plots of review outcomes Risk Difference Random

A: New thrombotic event

	DOAC		Vitamin K antagonist			Risk Difference		Risk Difference		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	Year	M–H, Random, 95% CI		
Woller et al. (ASTRO-APS) 2022	6	23	0	25	11.5%	0.26 [0.08, 0.45]	2022			
Ordi-Ros et al. 2019	12	95	6	95	20.9%	0.06 [-0.02, 0.15]	2019	 		
Pengo et al. (TRAPS) 2018	8	59	0	61	20.0%	0.14 [0.04, 0.23]	2018			
Cohen et al. (RAPS) 2016	0	57	0	58	25.2%	0.00 [-0.03, 0.03]	2016	†		
Goldhaber et al. 2016	3	71	4	80	22.5%	-0.01 [-0.07, 0.06]	2016	+		
Total (95% CI)		305		319	100.0%	0.07 [-0.02, 0.15]		•		
Total events	29		10							
Heterogeneity: $Tau^2 = 0.01$; Chi^2	= 25.05,	df = 4	$I (P < 0.0001); I^2$	= 84%			H	1 -0.5 0 0.5 1		
Test for overall effect: Z = 1.60 (P = 0.11)						_	Favours [experimental] Favours [control]		

B: Overall bleeding event

	DOA	'C	Vitamin K antag	gonist		Risk Difference		Risk Difference
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	Year	M-H, Random, 95% CI
Woller et al. (ASTRO-APS) 2022	0	23	1	25	21.9%	-0.04 [-0.15, 0.07]	2022	
Ordi-Ros et al. 2019	31	95	26	95	18.5%	0.05 [-0.08, 0.18]	2019	- •
Pengo et al. (TRAPS) 2018	4	59	2	61	26.2%	0.04 [-0.04, 0.11]	2018	-
Cohen et al. (RAPS) 2016	14	57	10	58	16.3%	0.07 [-0.07, 0.22]	2016	 • -
Goldhaber et al. 2016	14	71	31	80	17.1%	-0.19 [-0.33, -0.05]	2016	
Total (95% CI)		305		319	100.0%	-0.01 [-0.09, 0.07]		•
Total events	63		70					
Heterogeneity: $Tau^2 = 0.01$; Chi^2	= 10.02	df = 4	$1 (P = 0.04); I^2 = 6$	50%			—	1 -0.5 0 0.5 1
Test for overall effect: $Z = 0.25$ ($P = 0.80$)							_	Favours [experimental] Favours [control]

C: Major bleeding event

	DOAC		Vitamin K antagonist			Risk Difference	Risk Difference		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	Year	M–H, Random, 95% CI	
Woller et al. (ASTRO-APS) 2022	0	23	1	25	4.7%	-0.04 [-0.15, 0.07]	2022	- +	
Ordi-Ros et al. 2019	6	95	7	95	10.4%	-0.01 [-0.08, 0.06]	2019		
Pengo et al. (TRAPS) 2018	4	59	2	61	8.8%	0.04 [-0.04, 0.11]	2018	 -	
Goldhaber et al. 2016	1	71	2	80	27.9%	-0.01 [-0.05, 0.03]	2016	+	
Cohen et al. (RAPS) 2016	0	57	0	58	48.2%	0.00 [-0.03, 0.03]	2016	<u>†</u>	
Total (95% CI)		305		319	100.0%	-0.00 [-0.03, 0.02]		•	
Total events	11		12						
Heterogeneity: $Tau^2 = 0.00$; Chi^2	= 1.58,	df = 4	$(P = 0.81); I^2 = 0\%$	ó				1 -0.5 0 0.5 1	
Test for overall effect: $Z = 0.25$ (_	Favours [experimental] Favours [control]			

D: Death

	DOAC		Vitamin K antagonist		Risk Difference			Risk Difference
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	Year	M-H, Random, 95% CI
Woller et al. (ASTRO-APS) 2022	0	0	0	0		Not estimable	2022	
Ordi-Ros et al. 2019	0	95	0	95	56.3%	0.00 [-0.02, 0.02]	2019	
Pengo et al. (TRAPS) 2018	0	59	0	61	22.8%	0.00 [-0.03, 0.03]	2018	+
Cohen et al. (RAPS) 2016	0	57	0	58	21.0%	0.00 [-0.03, 0.03]	2016	+
Goldhaber et al. 2016	0	0	0	0		Not estimable	2016	
Total (95% CI)		211		214	100.0%	0.00 [-0.02, 0.02]		•
Total events	0		0					
Heterogeneity: Tau ² = 0.00; Chi ²	= 0.00, c	df = 2	$(P = 1.00); I^2 = 0\%$				H	1 -0.5 0 0.5 1
Test for overall effect: $Z = 0.00$ (I	P = 1.00)						_	Favours [experimental] Favours [control]