Figure S1. **Effect of high versus low Hb targets on hypertension in patients with CKD.**
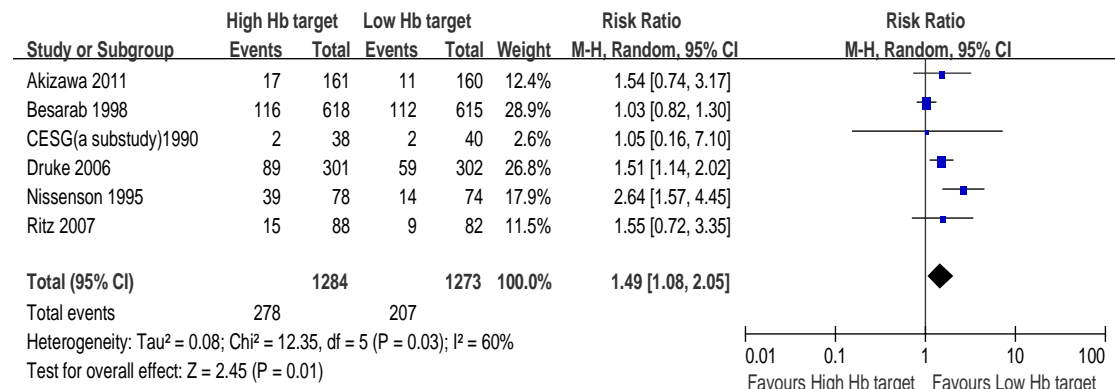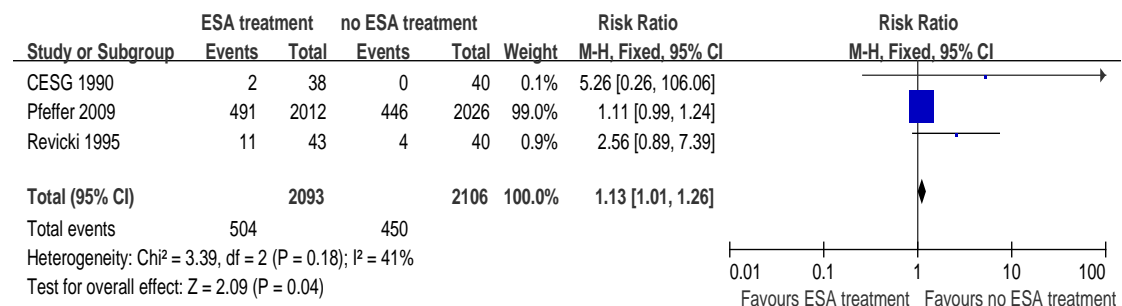
S1.1 High Hb versus Low Hb targets (both group treated with ESAs)

Study or Subgroup	High Hb target Events	Total	Low Hb target Events	Total	Weight	Risk Ratio M-H, Random, 95% CI	Risk Ratio M-H, Random, 95% CI
Akizawa 2011	17	161	11	160	12.4%	1.54 [0.74, 3.17]	
Besarab 1998	116	618	112	615	28.9%	1.03 [0.82, 1.30]	
CESG(a substudy)1990	2	38	2	40	2.6%	1.05 [0.16, 7.10]	
Druke 2006	89	301	59	302	26.8%	1.51 [1.14, 2.02]	
Nissenson 1995	39	78	14	74	17.9%	2.64 [1.57, 4.45]	
Ritz 2007	15	88	9	82	11.5%	1.55 [0.72, 3.35]	
Total (95% CI)		1284		1273	100.0%	1.49 [1.08, 2.05]	
Total events	278		207				

Heterogeneity: Tau² = 0.08; Chi² = 12.35, df = 5 (P = 0.03); I² = 60%
Test for overall effect: Z = 2.45 (P = 0.01)

0.01 0.1 1 10 100
Favours High Hb target   Favours Low Hb target

S1.2 ESAs treatment versus no ESAs treatment

Study or Subgroup	ESA treatment Events	Total	no ESA treatment Events	Total	Weight	Risk Ratio M-H, Fixed, 95% CI	Risk Ratio M-H, Fixed, 95% CI
CESG 1990	2	38	0	40	0.1%	5.26 [0.26, 106.06]	
Pfeffer 2009	491	2012	446	2026	99.0%	1.11 [0.99, 1.24]	
Revicki 1995	11	43	4	40	0.9%	2.56 [0.89, 7.39]	
Total (95% CI)		2093		2106	100.0%	1.13 [1.01, 1.26]	
Total events	504		450				

Heterogeneity: Chi² = 3.39, df = 2 (P = 0.18); I² = 41%
Test for overall effect: Z = 2.09 (P = 0.04)

0.01 0.1 1 10 100
Favours ESA treatment   Favours no ESA treatment

S1.3 Summary of the high Hb versus low Hb group (irrespective of treatment modality)

Study or Subgroup	High Hb target Events	Total	Low Hb target Events	Total	Weight	Risk Ratio M-H, Random, 95% CI	Risk Ratio M-H, Random, 95% CI
Akizawa 2011	17	161	11	160	7.2%	1.54 [0.74, 3.17]	
Besarab 1998	116	618	112	615	22.1%	1.03 [0.82, 1.30]	
CESG 1990	2	38	0	40	0.6%	5.26 [0.26, 106.06]	
CESG(a substudy)1990	2	38	2	40	1.3%	1.05 [0.16, 7.10]	
Druke 2006	89	301	59	302	19.7%	1.51 [1.14, 2.02]	
Nissenson 1995	39	78	14	74	11.4%	2.64 [1.57, 4.45]	
Pfeffer 2009	491	2012	446	2026	27.2%	1.11 [0.99, 1.24]	
Revicki 1995	11	43	4	40	3.9%	2.56 [0.89, 7.39]	
Ritz 2007	15	88	9	82	6.6%	1.55 [0.72, 3.35]	
Total (95% CI)		3377		3379	100.0%	1.40 [1.11, 1.75]	
Total events	782		657				

Heterogeneity: Tau² = 0.05; Chi² = 18.55, df = 8 (P = 0.02); I² = 57%
Test for overall effect: Z = 2.90 (P = 0.004)

0.01 0.1 1 10 100
Favours High Hb target   Favours Low Hb target