

Table S5 Univariate meta-regression exploring the role of patient and trial characteristics on the effect of cinacalcet therapy on clinical outcomes

Covariate	No. of studies reporting 1 or more events	Scale	Proportional change in risk ratio (95% CI)	P value
All-cause mortality				
Mean trial age	11	Per 1-year increase	-0.03 (-0.11 to 0.06)	0.49
Proportion of male participants	10	Per 1% increase	-0.01 (-0.15 to 0.12)	0.84
Baseline serum PTH concentration	10	Per 100 pg/ml increase	0.07 (-0.13 to 0.28)	0.48
Baseline serum calcium concentration	10	Per 1 mg/dl increase	-0.03 (-1.85 to 1.78)	0.96
Trial duration	11	Per 1 month increase	0.02 (-0.01 to 0.06)	0.25
Year of publication	11	Per 1-year increase	0.05 (-0.05 to 0.14)	0.36
Parathyroidectomy				
Mean trial age	5	Per 1-year increase	0.12 (-0.22 to 0.46)	0.49
Proportion of male participants	5	Per 1% increase	-0.48 (-1.02 to 0.06)	0.09
Baseline serum PTH concentration	5	Per 100 pg/ml increase	0.15 (-0.74 to 1.06)	0.72
Baseline serum calcium concentration	5	Per 1 mg/dl increase	3.05 (-1.15 to 7.30)	0.16
Trial duration	5	Per 1 month increase	0.11 (-0.01 to 0.25)	0.08
Year of publication	5	Per 1-year increase	0.28 (-0.09 to 0.66)	0.13
Hypocalcemia				
Mean trial age	13	Per 1-year increase	0.15 (0.02 to 0.29)	0.02
Proportion of male participants	13	Per 1% increase	0.00 (-0.10 to 0.10)	0.94
Baseline serum PTH concentration	12	Per 100 pg/ml increase	-0.26 (-0.59 to 0.06)	0.11
Baseline serum calcium concentration	12	Per 1 mg/dl increase	-0.78 (-4.00 to 2.45)	0.64
Trial duration	14	Per 1 month increase	0.00 (-0.05 to 0.05)	0.92
Year of publication	14	Per 1-year increase	0.05 (-0.05 to 0.15)	0.38
Serum calcium level used to define hypocalcemia	8	Per 1 mg/dl increase	1.96 (0.31 to 3.62)	0.02
Nausea				
Mean trial age	13	Per 1-year increase	0.05 (0.01 to 0.10)	0.02
Proportion of male participants	13	Per 1% increase	-0.01 (-0.08 to 0.05)	0.62
Baseline serum PTH concentration	13	Per 100 pg/ml increase	-0.10 (-0.21 to 0.00)	0.05
Baseline serum calcium concentration	12	Per 1 mg/dl increase	-0.62 (-1.75 to 0.52)	0.28
Trial duration	14	Per 1 month increase	0.00 (-0.01 to 0.02)	0.74
Year of publication	14	Per 1-year increase	0.02 (-0.01 to 0.05)	0.19