

Meta-regression analysis of 26 studies to correlate the incidence of AKI with the mortality.**Main results for Model 1, Random effects (MM), Z-Distribution, Logit event rate**

Covariate	Coefficient	Standard Error	95% Lower	95% Upper	Z-value	2-sided P-value
Intercept	-2.4996	0.2992	-3.0860	-1.9132	-8.35	0.0000
AKI	9.6311	2.3040	5.1153	14.1468	4.18	0.0000

Statistics for Model 1**Test of the model: Simultaneous test that all coefficients (excluding intercept) are zero**

Q = 17.47, df = 1, p = 0.0000

Goodness of fit: Test that unexplained variance is zeroTau² = 0.6362, Tau = 0.7976, I² = 92.74%, Q = 330.77, df = 24, p = 0.0000**Comparison of Model 1 with the null model****Total between-study variance (intercept only)**Tau² = 0.9307, Tau = 0.9647, I² = 95.02%, Q = 502.19, df = 25, p = 0.0000**Proportion of total between-study variance explained by Model 1**R² analog = 0.32

Number of studies in the analysis 26

Meta-regression analysis of 26 studies to correlate the incidence of AKI, after adjusted for age and male sex, with the mortality.**Main results for Model 1, Random effects (MM), Z-Distribution, Logit event rate**

Covariate	Coefficient	Standard Error	95% Lower	95% Upper	Z-value	2-sided P-value
Intercept	-6.7676	1.5157	-9.7382	-3.7969	-4.47	0.0000
AKI	6.1815	2.6563	0.9752	11.3878	2.33	0.0200
Age	0.0809	0.0270	0.0279	0.1338	2.99	0.0027
Male	-0.0127	0.0097	-0.0316	0.0063	-1.31	0.1903

Statistics for Model 1**Test of the model: Simultaneous test that all coefficients (excluding intercept) are zero**

Q = 26.18, df = 3, p = 0.0000

Goodness of fit: Test that unexplained variance is zeroTau² = 0.6868, Tau = 0.8287, I² = 92.51%, Q = 293.74, df = 22, p = 0.0000**Comparison of Model 1 with the null model****Total between-study variance (intercept only)**Tau² = 0.9307, Tau = 0.9647, I² = 95.02%, Q = 502.19, df = 25, p = 0.0000**Proportion of total between-study variance explained by Model 1**R² analog = 0.26

Number of studies in the analysis 26

Meta-regression analysis of 16 studies to correlate the incidence of AKI, after adjusted for age, male sex, serum creatinine, diabetes and hypertension with the mortality.

Main results for Model 1, Random effects (MM), Z-Distribution, Logit event rate

Covariate	Coefficient	Standard Error	95% Lower	95% Upper	Z-value	2-sided P-value
Intercept	-6.6797	4.0378	-14.5938	1.2343	-1.65	0.0981
AKI	-7.1822	8.0863	-23.0311	8.6666	-0.89	0.3744
Age	0.0190	0.0935	-0.1643	0.2023	0.20	0.8388
Male	0.0186	0.0251	-0.0306	0.0678	0.74	0.4582
SCr	1.6900	1.6721	-1.5872	4.9672	1.01	0.3121
Diabetes	15.0215	8.2351	-1.1190	31.1619	1.82	0.0681
HTN	3.3383	6.6215	-9.6396	16.3163	0.50	0.6141

Statistics for Model 1

Test of the model: Simultaneous test that all coefficients (excluding intercept) are zero

Q = 15.88, df = 6, p = 0.0144

Goodness of fit: Test that unexplained variance is zero

Tau² = 0.8381, Tau = 0.9155, I² = 92.90%, Q = 126.78, df = 9, p = 0.0000

Comparison of Model 1 with the null model

Total between-study variance (intercept only)

Tau² = 0.8764, Tau = 0.9362, I² = 95.07%, Q = 304.36, df = 15, p = 0.0000

Proportion of total between-study variance explained by Model 1

R² analog = 0.04

Number of studies in the analysis 16