

Hypernatremia and ICU outcome:

Meta regression

Factor	coeff	95%CI	P value	Z value	R-square(%)
Age	-.3129274	-.43444, -.1914116	0.000	-5.05	99.50%
Male	0.0365806	-.18460, .257767	0.746	0.32	0.00
HTN	-.2054482	-.6523508, .2414544	0.368	-0.90	0.00
DM	-.1296891	-.498998, .23962	0.491	-.069	0.00

Hypernatremia and mortality:

Meta regression:

Variable	Coef.	95%CI	P value	z	R-square(%)
Age	0.068154	-.0059157, 0.14223	0.071	1.80	5.02
Male	-.0593107	-.12763, 0.009018	0.089	-1.70	7.30
HTN	0.106269	-.0151027, 0.363564	0.418	0.81	0.00
DM	0.00548	-0.308736, 0.418421	0.768	0.30	0.00
CKD	-.008763	-.02552, 0.0079997	0.306	-1.02	6.78
CVD	-.0065368	-.02145, 0.0073803	0.357	-0.92	47.29

Hypernatremia and prolong hospital stay:

MetaRegression not associated

Hypernatremia and intubation:

Variable	coef	95% CI	P value	z	R square%
Age	-.0561487	-.187616, .0753185	0.403	-0.84	0.00
Male	0.19298	-.10016, .1387639	0.752	0.32	0.00
HTN	0.3582	-.2068, .27847	0.772	0.29	0.00
DM	-.06643	-.1657, .03291	0.19	-1.31	50.48
CKD	-.0640764	-.35718, .23103	0.67	-0.43	0.00
CVD	.233074	-.6314692, 1.09761	0.59	0.53	0.00