

Supplementary Table 2. Meta-regression analysis for the potential source of heterogeneity of MMSE

Variables	Coefficient	Standard error	95% CI	P value
Publication year	17.89	25.59	-32.25 to 68.04	0.4843
Type of anesthesia	-8.61	25.29	-58.17 to 40.96	0.7336
ASA-PS	-1.55	6.74	-14.76 to 11.66	0.8181
Sample size	-0.32	0.39	-1.08 to 0.44	0.4054
Induction dose of remimazolam*	8.06	14.88	-21.11 to 37.22	0.5883
Age	0.33	0.81	-1.26 to 1.91	0.6881

* Induction dose of propofol, maintenance dose of remimazolam and propofol were omitted d/t collinearity.

MMSE, Mini-Mental Statues Examination; ASA-PS, American Society of Anesthesiologists physical status; CI, confidence interval.