

**Table S4. Subgroup analyses for effects of intensive glucose control on the risk of new dialysis for critically ill patients stratified by covariates**

Stratification covariates	RR	95% CI	Heterogeneity (I <sup>2</sup> statistics; %)	No. of included studies	P for interaction
Total	1.00	0.91 to 1.09	29.1	9	0.929
Trial setting					<b>0.013</b>
Surgical ICU	0.59	0.40 to 0.88	-	1	
Medical ICU	0.92	0.74 to 1.14	-	1	
Mixed ICU	1.06	0.96 to 1.17	0	7	
Trial year					0.109
Year 2001-2009	0.89	0.73 to 1.10	42.0	6	
Year 2010-2017	1.06	0.95 to 1.20	0	3	
Study region					0.661
America	0.81	0.50 to 1.30	-	1	
Europe	0.95	0.77 to 1.18	69.8	4	

	Asia	0.99	0.70 to 1.39	0	3	
Sample size						0.804
	≥500	0.95	0.80 to 1.12	53.6	6	
	<500	1.06	0.67 to 1.67	0	3	
Patient mean age						0.507
	≥60	0.96	0.81 to 1.14	50.8	6	
	<60	0.95	0.67 to 1.35	0	3	
Diabetes, %						0.050
	≥30	1.11	0.89 to 1.39	0	4	
	<30	0.81	0.63 to 1.04	31.4	4	
Mean/median daily insulin dose						0.188
	≥50 IU/d	0.93	0.81 to 1.08	26.7	8	
	<50 IU/d	1.21	0.90 to 1.63	-	1	

Abbreviations: CI, confidence interval; RR, relative risk.