

Table S3. Subgroup analyses for effects of intensive glucose control on the risk of sepsis for critically ill patients stratified by covariates

Stratification covariates	RR	95% CI	Heterogeneity (I² statistics; %)	No. of included studies	P for interaction
Total	0.99	0.91 to 1.08	19.8	13	0.904
Trial setting					0.396
Surgical ICU	0.79	0.42 to 1.48	77.6	4	
Medical ICU	0.62	0.22 to 1.72	0	2	
Mixed ICU	1.03	0.94 to 1.13	0	7	
Trial year					0.009
Year 2001-2009	0.78	0.60 to 1.00	19.0	5	
Year 2010-2017	1.07	0.97 to 1.17	0	8	
Study region					0.783
America	1.05	0.76 to 1.47	7.7	3	
Europe	0.91	0.73 to 1.14	56.8	5	

	Asia	0.99	0.84 to 1.18	0	4	
Sample size						0.130
	≥500	0.92	0.78 to 1.09	49.5	6	
	<500	1.14	0.96 to 1.35	0	7	
Patient mean age						0.256
	≥60	0.96	0.83 to 1.10	38.2	9	
	<60	1.14	0.91 to 1.43	0	4	
Diabetes, %						0.956
	≥30	1.00	0.81 to 1.24	20.1	3	
	<30	0.95	0.76 to 1.20	38.0	8	
Mean/median daily insulin dose						0.598
	≥50 IU/d	0.94	0.79 to 1.13	40.5	9	
	<50 IU/d	1.04	0.86 to 1.27	-	1	

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