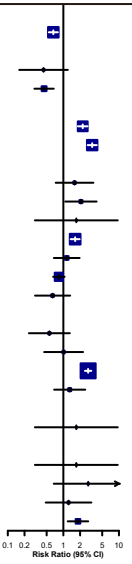
Supplementary Figure 19. Subgroup analysis of Mortality for COVID-19 with Incidence in Control from 10% to 20%

Subgroup	Glucocorticoids (No. events/total)	Control (No. events/total)	RR	95% CI	Weight %	Incidence of events in control	Design type of included studies	Risk of bias of included studies
Age								
Young(I^2=NA%, p=NA)	129/1141	428/2504	0.66	[0.55; 0.80]	NA	0.17	RCTs	Non−high
ARDS								
With ARDS(I^2=NA%, p=NA)	7/96	7/43	0.44	[0.16; 1.20]	NA	0.16	Observational	Low
With ARDS(I^2=0%, p>.99)	21/288	21/129	0.45	[0.30; 0.67]	NA	0.16	Observational	Low/Some concerns/High
Diabetes								
With diabetes(I^2=NA%, p=NA)	17/54	14/99	2.23	[1.82; 2.73]	49.7	0.14	Observational	High
Without diabetes(I^2=NA%, p=NA)	60/97	9/48	3.30	[2.73; 3.99]	50.3	0.19	Observational	High
Doses of glucocorticoids								
Low dose(I^2=0%, p=.35)	18/71	7/43	1.59	[0.73; 3.48]	82.8	0.16	RCTs	Non−high
Low dose(I^2=NA%, p=.28)	70/159	14/90	2.07	[1.08; 3.97]	9.9	0.16	Observational	Low/Some concerns/High
Medium−high dose(I^2=NA%, p=NA)	2/7	2/12	1.71	[0.31; 9.52]	17.2	0.17	RCTs	Non−high
Medium−high dose(I^2=21%, p=NA)	90/413	133/1094	1.63	[1.35; 1.96]	57.3	0.12	Observational	Low/Some concerns/High
Medium−high dose(I^2=0%, p=.90)	34/148	46/375	1.15	[0.67; 1.96]	63.8	0.12	Observational	Low
Pulse(I^2=0%, p=.75)	24/234	123/1032	0.83	[0.65; 1.05]	32.8	0.12	Observational	Low/Some concerns/High
Pulse(I^2=NA%, p=NA)	8/78	41/344	0.64	[0.31; 1.33]	36.2	0.12	Observational	Low
Severity of illness								
Severe(I^2=0%, p=.38)	19/127	12/74	0.56	[0.24; 1.31]	NA	0.16	Observational	Low
Severe(I^2=94%, p=.36)	105/447	40/239	1.01	[0.45; 2.26]	72.1	0.17	Observational	Low/Some concerns/High
Critically severe(I^2=0%, p<.001)	140/318	28/180	2.79	[2.45; 3.18]	27.9	0.16	Observational	Low/Some concerns/High
Severe or critically severe(I^2=91%, p<.001)	245/765	68/419	1.30	[0.68; 2.48]	NA	0.16	Observational	Low/Some concerns/High
Timing of glucocorticoids								
Early(I^2=NA%, p=.35)	2/7	2/12	1.71	[0.31; 9.52]	17.2	0.17	RCTs	Non−high
Types of glucocorticoids								
Dexamethasone(I^2=NA%, p=NA)	2/7	2/12	1.71	[0.31; 9.52]	17.2	0.17	RCTs	Non−high
Hydrocortisone(I^2=NA%, p=NA)	6/15	2/14	2.80	[0.67; 11.67]	25.2	0.14	RCTs	Non−high
Methylprednisolone(I^2=NA%, p=NA)	12/56	5/29	1.24	[0.48; 3.20]	57.6	0.17	RCTs	Non−high
Methylprednisolone(I^2=NA%, p=NA)	11/51	6/51	1.83	[1.20; 2.80]	NA	0.12	Observational	Low/Some concerns/High