

Table S2. Duration of the different ICU periods by mechanical ventilation needs, and duration of post-ICU ward stay. The data are expressed as mean (standard deviation [SD]) and median (interquartile range [IQR]) number of days (24 hr periods) by treatment group. Time at ward was calculated until discharge or death, up to the end of the follow-up period of 45 days. Possible readmission is not included, missing discharge dates for reasons other than death were imputed to day 45.

	Mean (SD)		Median (IQR)	
	dexmedetomidine	pooled standard care	dexmedetomidine	pooled standard care
Days in ICU on invasive MV	6.9 (9.1)	8.1 (9.2)	3.7 (1.9 - 7.8)	4.9 (2.2 - 9.6)
Days in ICU on NIV	1.1 (4.4)	0.8 (3.0)	0.0 (0.0 - 0.0)	0.0 (0.0 - 0.0)
Days in ICU off MV	3.3 (5.7)	3.5 (5.5)	1.6 (0.3 - 3.2)	1.8 (0.6 - 3.9)
Days at ward	11.1 (11.7)	10.9 (10.7)	8.0 (1.0 - 16.3)	8.2 (1.1 - 16.9)
	dexmedetomidine	midazolam	dexmedetomidine	midazolam
Days in ICU on invasive MV	7.7 (9.4)	9.0 (9.6)	4.0 (2.5 - 8.8)	6.0 (3.1 - 6.0)
Days in ICU on NIV	0.6 (3.3)	0.7 (3.6)	0.0 (0.0 - 0.0)	0.0 (0.0 - 0.0)
Days in ICU off MV	3.4 (5.9)	3.6 (5.3)	1.9 (0.3 - 3.3)	2.1 (1.0 - 3.9)
Days at ward	10.7 (12.0)	10.4 (10.2)	6.8 (0.8 - 17.0)	8.1 (1.0 - 16.1)
	dexmedetomidine	propofol	dexmedetomidine	propofol
Days in ICU on invasive MV	6.2 (8.8)	7.3 (8.8)	2.9 (1.6 - 6.8)	3.8 (1.8 - 9.6)
Days in ICU on NIV	1.6 (4.9)	0.8 (2.4)	0.0 (0.0 - 0.0)	0.0 (0.0 - 0.2)
Days in ICU off MV	3.1 (5.5)	3.3 (5.6)	1.4 (0.3 - 3.2)	1.1 (0.3 - 3.8)
Days at ward	11.5 (11.3)	11.5 (11.1)	9.1 (3.0 - 16.3)	8.9 (1.3 - 17.1)