Supplementary Table 4. Logistic regression analysis for intensive care unit mortality in spontaneous breathing group

Variable	Univariable analysis		Multivariable analysis	
	OR (95% CI)	P-value	OR (95% CI)	P-value
Age (yr)	0.994 (0.960–1.030)	0.741	0.994 (0.949–1.042)	0.811
Male	2.000 (0.666–6.007)	0.217	2.220 (0.489–10.082)	0.301
BMI (kg/m^2)	0.965 (0.843–1.104)	0.601		
SAPS II	0.991 (0.959–1.024)	0.583		
Primary reason for mechanical ventilation, acute respiratory failure[a]	2.414 (0.591–9.858)	0.220		
pH[b]	0.001 (0.000–0.154)	0.009	0.003 (0.000–4.698)	0.123
PaCO$_2$ (mm Hg)[b]	0.983 (0.940–1.029)	0.463		
PaO$_2$ (mm Hg)[b]	1.000 (0.991–1.009)	0.942		
PaO$_2$/FiO$_2$ ratio[b]	0.996 (0.991–1.001)	0.099	1.001 (0.994–1.008)	0.793
Analgesic[b]	2.545 (0.641–10.102)	0.184	1.217 (0.201–7.366)	0.831
Sedative[b]	1.500 (0.493–4.563)	0.475		
NMBA[b]	3.417 (0.859–13.597)	0.081	3.323 (0.485–22.759)	0.221
Mechanical power (J/min)[b]	1.109 (1.046–1.176)	0.001	1.119 (1.023–1.223)	0.014
V$_T$/PBW (ml/kg)[b]	1.443 (1.083–1.923)	0.012	0.984 (0.626–1.545)	0.943
PEEP (cm H$_2$O)[b]	1.375 (1.036–1.825)	0.027	1.270 (0.909–1.775)	0.162

Variables with P-value less than 0.2 in univariable analysis and clinical variables with important meanings (age, sex) were included in the multivariable analysis.
OR: odds ratio; CI: confidence interval; BMI: body mass index; SAPS: Simplified Acute Physiology Score; PaCO$_2$: partial pressure of carbon dioxide; PaO$_2$: partial pressure of oxygen; FiO$_2$: fraction of inspired oxygen; NMBA: neuromuscular blocking agent; V$_T$/PBW: tidal volume per predicted body weight; PEEP: positive end-expiratory pressure.
a) Data were not available in 6 patients among survivors; b) Data were collected at 8 am on day 1.