

Supplementary Table 2. Risk factors for extubation failure

Variable	Unadjusted OR (95% CI)	Adjusted OR (95% CI)	<i>p</i> value
Age (per 10 years)	1.07 (0.95–1.23)	1.10 (0.94–1.29)	0.23
Sex, female	1.02 (0.70–1.47)		
Body mass index (per 1 kg/m ²)	0.99 (0.95–1.04)	0.96 (0.91–1.02)	0.17
Cardiovascular or respiratory disease	0.86 (0.60–1.24)		
Intubation for acute respiratory failure	1.16 (0.77–1.76)		
Intubation for coma	0.97 (0.40–2.13)		
Length of mechanical ventilation > 7 days	1.79 (1.16–2.74)	1.81 (1.08–3.02)	0.02
SOFA score ≥ 8 at extubation	2.87 (1.96–4.20)	2.89 (1.83–4.57)	< 0.001
Moderate or deep sedation	2.75 (1.45–5.20)	2.43 (1.14–5.19)	0.02
Hemoglobin ≤ 10 g/dL	1.63 (1.11–2.42)	1.32 (0.93–2.10)	0.24
Difficult or prolonged weaning	1.31 (0.85–1.98)		
Copious secretion	1.31 (0.83–2.05)		
mROX < 11.12	12.35 (7.83–19.84)	12.58 (7.71–20.53)	<0.001

OR, odds ratio; CI, confidence interval; SOFA, sequential organ failure assessment; mROX, modified ROX index.