

**Supplementary Table 1.** Oxygen demand and SOFA score according to mechanical ventilation

Value on admission	Without MV	MV	P-value
FiO <sub>2</sub> <sup>a)</sup>	0.67±0.19	0.73±0.20	0.146
Respiratory SOFA score <sup>b)</sup>	2.29±1.66	2.44±1.47	0.680
Total SOFA score <sup>b)</sup>	3.29±2.49	4.46±2.64	0.054
Minimum ROX <sup>c)</sup>	6.79±3.17	5.60±2.47	0.076

Values are presented as a mean±standard deviation.

SOFA: Sequential Organ Failure Assessment; MV: mechanical ventilation; FiO<sub>2</sub>: fraction of inspired oxygen; ROX: ratio of oxygen saturation.

a) Worst FiO<sub>2</sub> on day 1; b) Respiratory and total SOFA score on day 1; c) Minimum ROX index on day 1.