

Supplementary Table 1. Analysis of trends between preoperative candidate variables and ARDS aggravation in n = 509 patients from the INFLACOR cohort

No.	Preoperative variable	No-ARDS n = 469 (92.1%)	Mild ARDS n = 28 (5.5%)	Moderate ARDS n = 11 (2.2%)	Severe ARDS n = 1 (0.2%)	p-value ¹
1	Age [years] (mean; ± SD)	64 ± 12	64 ± 14	69 ± 8	69	0.42
2	Gender (F/M) [%]	206/263 [43.9/56.1]	13/15 [46.4/53.6]	5/6 [45.5/54.5]	0/1 [0/100]	0.81
3	Body mass index (mean; ± SD)	27.4 ± 4.9	27.7 ± 5.2	29.2 ± 4.9	42.0	0.47
4	Logistic EUROSCORE (median; IQR)	4.7 (2.5-7.5)	4.8 (2.6-7.3)	4.5 (3.1-9.1)	4.7	0.88
5	ASA-PS 1/2/3/4/5 [%]	1.1/19.3/75.0/ 4.5/100.1/19.3 /75.0/4.5/100	0/17.9/78.6/3.6/0	9.1/0/72.7/18.2/0	0/0/100/0/0	0.36
6	Creatinineserum [mg/dL] (median; IQR)	0.91 (0.79-1.09)	0.89 (0.76-1.14)	0.89 (0.74-1.22)	0.90	0.92
7	Haemoglobin [g/dL] (mean; ± SD)	13.5 ± 1.7	13.3 ± 1.2	13.8 ± 1.7	17.6	0.71
8	White blood cells [G/L] (mean; ± SD)	7.6 ± 1.9	8.2 ± 2.5	7.8 ± 1.7	12.6	0.22
9	Prothrombin time: INR (men; ± SD)	1.04 ± 0.15	1.04 ± 0.11	1.11 ± 0.12	1.90	0.41
10	Left ventricle ejection fraction (mean; ± SD)	55 ± 12	59 ± 11	48 ± 15	65	0.04
11	Extracardiac arteriopathy [%]	6.8	7.1	0	0	0.51
12	Chronic pulmonary disease [%]	7.0	7.1	0	0	0.49
13	Pulmonary hypertension [%]	6.6	10.7	27.3	0	0.01
14	Schedule (urgent/elective)	7.5	10.7	0	0	0.73
15	Diabetes mellitus [%]	8.6	32.1	9.1	0	0.65
16	Arterial hypertension [%]	76.6	75.0	90.9	100.0	0.45
17	Coronary artery disease [%]	45.6	42.9	36.4	0	0.52

¹p-value for trend is calculated for means/medians/frequencies between the no-ARDS, mild and moderate ARDS, without the one patient with severe ARDS; ASA-PS – American Society of Anaesthesiologists-Physical Score, INR – international normalized ratio, odds ratios of developing mild or moderate ARDS in patients with pulmonary hypertension were respectively 1.7 and 5.3