

Supplementary Table 4. Descriptive statistics according to the occurrence of the operative morbidity

	Without morbidity (N = 1522)	With morbidity (N = 251)	P-value
Age (years)	62.0 (53.0, 69.0)	67.0 (58.0, 74.0)	< 0.001
Female sex	692 (45.5)	122 (48.6)	0.392
Body mass index (kg/m ²)	24.1 (22.0, 26.2)	23.5 (21.3, 26.3)	0.018
Current smoker	161 (10.6)	20 (8.0)	0.249
Charlson Comorbidity Index	2.0 (1.0, 4.0)	3.0 (2.0, 5.0)	< 0.001
Hypertension	630 (41.4)	120 (47.8)	0.066
Pulmonary hypertension	590 (39.0)	132 (52.6)	< 0.001
Atrial fibrillation	522 (34.3)	118 (47.0)	< 0.001
NYHA class ≥ 2	1078 (73.1)	185 (77.4)	0.184
Hematocrit (%)	39.2 (36.0, 42.5)	36.0 (31.8, 40.7)	< 0.001
Redo surgery	153 (10.1)	63 (25.1)	< 0.001
Combined surgery	198 (13.0)	64 (25.5)	< 0.001
Ejection fraction (%)	62.0 (56.0, 66.0)	60.0 (52.5, 64.0)	< 0.001
Longitudinal strain (%)	16.5 (13.4, 19.1)	15.1 (12.8, 18.0)	< 0.001
Mitral stenosis	244 (16.0)	32 (12.7)	0.217
Mitral regurgitation	528 (34.7)	80 (31.9)	0.424
Aortic stenosis	594 (39.0)	99 (39.4)	0.956
Aortic regurgitation	423 (27.8)	74 (29.5)	0.634
Tricuspid regurgitation	275 (18.1)	94 (37.5)	< 0.001
LVEDD (mm)	54.0 (48.0, 61.0)	53.0 (47.0, 59.0)	0.122
LVESD (mm)	35.0 (29.0, 42.0)	35.0 (30.0, 41.0)	0.401
LAD (mm)	47.0 (40.0, 54.0)	49.0 (42.0, 58.0)	0.001

Data are expressed as the number of patients (%) or median (Q1,Q3).

LAD = left atrial dimension; LVEDD = left ventricular end-diastolic dimension; LVESD = left ventricular end-systolic dimension; NYHA class = New York Heart Association Functional Classification.