

Supplementary table 1: Patient characteristics, echocardiography and treatment decisions by left ventricular ejection fraction

	LVEF <50%	LVEF ≥50%	p-value
Proportion of all patients	451/2,054 (22.0)	1,603/2,054 (78.0)	
Patient characteristics			
Age (years)	79.0±10.0	77.5±10.0	0.007
Female gender	164/451 (36.4)	816/1,603 (50.9)	<0.001
Severe frailty*	36/443 (8.1)	68/1584 (4.3)	0.001
ES I (%)	26.3±18.2	12.8±11.0	<0.001
ES II (%)	7.2±7.3	3.1±3.5	<0.001
Symptomatic status [†] (%)	406/451 (90.0)	1,247/1,603 (77.8)	<0.001
Severe symptomatic status [§] (%)	307/451 (68.1)	756/1,603 (47.2)	<0.001
Echocardiography			
Indexed AVA [cm ² /m ²]	0.36±0.10	0.41±0.11	<0.001
Mean AV gradient (mmHg)	41.0±16.0	48.8±13.8	<0.001
Mitral regurg grade III/IV	91/449 (20.3)	130/1,559 (8.3)	<0.001
Tricuspid regurg grade III/IV	54/434 (12.4)	103/1,508 (6.8)	<0.001
Indexed LV mass (g/m ²)	151±42	128±39	<0.001
AVR performed within 3 months	267/392 (68.1)	808/1,514 (53.4)	<0.001
Time to intervention (days)	30.5±35.0	33.8±34.6	0.160
TAVI performed within 3 months	207/392 (52.8)	516/1,514 (34.1)	<0.001
Time to intervention (days)	27.2±33.4	30.2±34.5	0.281
SAVR performed within 3 months	60/392 (15.3)	292/1,514 (19.3)	0.070
Time to intervention (days)	41.2±38.2	40.2±33.9	0.823

Legend: values are percent or mean ± SD; AV, aortic valve; AVA, aortic valve area; AVR, aortic valve replacement; SAVR, surgical aortic valve replacement; TAVI, transcatheter aortic valve implantation; *Defined as an inability to walk 5 metres in ≤6 seconds and/or to perform activities of daily living (ADL) [24]. †Defined as chest pain, shortness of breath, and/or dizziness on exertion/syncope. §Defined as CCS class III or IV angina, NYHA class III/IV and/or dizziness on exertion/syncope.