

Suppl. table 1. Clinical characteristics in patients with low and high Ed/Ea before discharge and 1 year after discharge: cutoff point of Ed/Ea for all-cause mortality

	Ed/Ea: Before discharge		<i>p-value</i> (<i>low vs. high</i>)	Ed/Ea: 1 Year after		<i>p-value</i> (<i>low vs. high</i>)
	low (\leq 0.132)	high (>0.132)		low (\leq 0.132)	high (>0.132)	
	n = 398	n = 261		n = 229	n = 115	
All-cause mortality, n (%)	26 (7)	45 (17)	<i><0.001</i>	10 (4)	14 (12)	<i>0.007</i>
Age, years	80 \pm 9	83 \pm 9	<i>0.001</i>	80 \pm 9	83 \pm 7	<i>0.001</i>
Male sex, n (%)	204 (51)	92 (35)	<i><0.001</i>	110 (48)	47 (41)	<i>0.126</i>
Systolic blood pressure, mmHg	122 \pm 19	120 \pm 19	<i>0.238</i>	132 \pm 21	128 \pm 22	<i>0.082</i>
Diastolic blood pressure, mmHg	66 \pm 12	64 \pm 11	<i>0.017</i>	70 \pm 13	65 \pm 11	<i>0.003</i>
Heart rate, bpm	70 \pm 15	70 \pm 15	<i>0.731</i>	70 \pm 15	68 \pm 13	<i>0.157</i>
Atrial fibrillation, n (%)	178 (45)	112 (43)	<i>0.646</i>	106 (46)	46 (40)	<i>0.160</i>
Coronary artery disease, n (%)	64 (16)	58 (22)	<i>0.029</i>	32 (14)	31 (27)	<i>0.002</i>
Diabetes mellitus, n (%)	134 (34)	99 (38)	<i>0.150</i>	81 (35)	45 (39)	<i>0.286</i>
Dyslipidemia, n (%)	155 (39)	115 (44)	<i>0.110</i>	97 (42)	59 (51)	<i>0.072</i>

Hypertension, n (%)	330 (83)	235 (90)	0.007	199 (87)	101 (88)	0.471
<i>Laboratory data</i>						
Albumin, g/dL	3.4 ± 0.5	3.4 ± 0.5	0.934	3.9 ± 0.4	3.8 ± 0.5	0.022
eGFR, mL/min/1.73 m ²	45 ± 19	41 ± 19	0.009	44 ± 19	35 ± 18	<0.001
Hemoglobin, g/dL	11.5 ± 2.0	11.2 ± 2.0	0.057	12.0 ± 1.7	11.5 ± 1.9	0.007
NT-proBNP, pg/mL	1957 ± 3634	3483 ± 8136	0.001	1755 ± 2921	4608 ± 8051	<0.001
<i>Echocardiographic data</i>						
LAD, mm	43 ± 9	45 ± 8	0.004	44 ± 9	46 ± 7	0.033
LAVI, mL/m ²	52 ± 25	56 ± 24	0.045	53 ± 27	55 ± 20	0.598
SV/LAV	0.74 ± 0.36	0.66 ± 0.33	0.015	0.72 ± 0.33	0.63 ± 0.31	0.038
SV, mL	50 ± 19	50 ± 21	0.999	50 ± 18	47 ± 18	0.275
LVESV, mL	34 ± 18	32 ± 17	0.091	33 ± 17	29 ± 12	0.011
LVEDV, mL	83 ± 34	81 ± 35	0.385	83 ± 30	76 ± 28	0.043
LVEF, %	60 ± 8	61 ± 8	0.105	62 ± 8	62 ± 9	0.906
LVMI, g/m ²	104 ± 32	110 ± 36	0.017	99 ± 31	107 ± 31	0.013
E, m/sec	0.72 ± 0.22	1.02 ± 0.31	<0.001	0.75 ± 0.24	1.01 ± 0.31	<0.001
mean e', cm/sec	7.1 ± 2.1	5.5 ± 1.7	<0.001	6.8 ± 2.2	6.0 ± 1.9	<0.001
DcT, sec	0.21 ± 0.06	0.23 ± 0.08	0.002	0.21 ± 0.06	0.22 ± 0.09	0.378
<i>Medications</i>						
Beta-blockers, %	52	58	0.131	50	59	0.104

Calcium-channel blockers, %	50	54	0.296	47	54	0.218
Diuretics, %	81	86	0.138	77	85	0.083
RAAS-I, %	73	75	0.413	71	67	0.391
Statins, %	31	35	0.258	34	39	0.318

All-cause mortality was evaluated for 2 years per year.

Values are mean \pm standard deviation or number (%).

DcT, deceleration time of E wave;

Ed, diastolic elastance; Ea, arterial elastance; eGFR, estimated glomerular filtration rate;

NT-proBNP, N-terminal pro-brain natriuretic peptide; LAD, left atrial diameter;

LAVI, left atrial volume index; SV, stroke volume; LAV, left atrial volume;

LVEF, left ventricular ejection fraction; LVESV, left ventricular end-systolic volume;

LVEDV, left ventricular end-diastolic volume; LVMI, left ventricular mass index;

RAAS-I, renin-angiotensin-aldosterone system inhibitors