

Supplemental Table 1. Trajectory of echocardiographic parameters stratified by left ventricular ejection fraction improvement

Variable	HFimpEF (n = 60)	Persistent HFrEF (n = 138)	p value
Baseline			
LVEF (%)	28.5 ± 6.3	26.6 ± 7.3	0.081
LVESV (mL)	98.2 ± 39.8	120.2 ± 53.3	0.002
LVESVI (mL/m ²)	55.8 ± 22.7	67.6 ± 31.4	0.004
LVEDV (mL)	134.0 ± 52.8	161.3 ± 62.6	0.004
LVEDVI (mL/m ²)	76.2 ± 30.9	90.6 ± 36.9	0.006
LVESD (mm)	47.6 ± 9.0	52.6 ± 10.2	0.001
LVEDD (mm)	57.9 ± 7.3	62.3 ± 9.6	0.001
LVMI (g/m ²)	137.6 ± 37.3	151.2 ± 41.4	0.034
LAVI (mL/m ²)	48.4 ± 20.6	48.4 ± 20.0	0.992
E (cm/s)	62.1 ± 41.4	56.8 ± 41.5	0.430
A (cm/s)	57.8 ± 37.1	54.3 ± 39.9	0.641
E/E' (cm/s)	17.2 ± 8.7	17.7 ± 9.3	0.745
1-year follow-up			
LVEF (%)	52.6 ± 7.5	29.7 ± 7.5	< 0.001
LVESV (mL)	47.5 ± 18.5	104.6 ± 47.5	< 0.001
LVESVI (mL/m ²)	27.9 ± 9.9	60.3 ± 26.6	< 0.001
LVEDV (mL)	96.1 ± 29.8	146.9 ± 55.7	< 0.001
LVEDVI (mL/m ²)	56.7 ± 14.3	84.9 ± 30.9	< 0.001
LVESD (mm)	31.8 ± 11.8	42.8 ± 18.4	< 0.001
LVEDD (mm)	50.5 ± 5.8	60.3 ± 8.1	< 0.001
LVMI (g/m ²)	111.2 ± 21.3	139.2 ± 36.3	0.042
LAVI (mL/m ²)	34.9 ± 15.4	42.1 ± 15.4	< 0.001
E (cm/s)	49.9 ± 34.5	50.5 ± 39.8	0.917
A (cm/s)	59.0 ± 37.4	54.7 ± 38.7	0.526
E/E' (cm/s)	11.1 ± 3.6	14.8 ± 8.7	< 0.001
Difference			
LVEF (%)	24.0 ± 10.0	3.0 ± 6.0	< 0.001
LVESV (mL)	-56.8 ± 41.3	-17.7 ± 35.1	< 0.001
LVESVI (mL/m ²)	-29.7 ± 21.8	-9.7 ± 20.0	< 0.001
LVEDV (mL)	-49.9 ± 54.4	-17.6 ± 42.8	< 0.001
LVEDVI (mL/m ²)	-23.6 ± 28.2	-9.4 ± 24.1	0.002
LVESD (mm)	-15.8 ± 12.7	-10.4 ± 16.9	0.014
LVEDD (mm)	-7.4 ± 6.9	-2.8 ± 9.9	< 0.001
LVMI (g/m ²)	-28.2 ± 35.6	-19.1 ± 45.9	0.144
LAVI (mL/m ²)	-13.6 ± 18.0	-8.1 ± 16.0	0.187
E (cm/s)	-12.6 ± 24.4	-9.9 ± 32.9	0.543
A (cm/s)	-2.29 ± 17.49	-4.6 ± 29.2	0.091
E/E' (cm/s)	-6.6 ± 8.0	-4.2 ± 9.6	0.083

Values are presented as mean ± standard deviation.

HFimpEF, heart failure with improved ejection fraction; HFrEF, heart failure with reduced ejection fraction; LVEF, left ventricular ejection fraction; LVESV, left ventricular end-systolic volume; LVESVI, left ventricular end-systolic volume index; LVEDV, left ventricular end-diastolic volume; LVEDVI, left ventricular end-diastolic volume index; LVESD, left ventricular end-systolic diameter; LVEDD, left ventricular end-diastolic diameter; LVMI = left ventricular mass index; LAVI, left atrial volume index; E, mitral inflow early diastolic velocity; A, mitral inflow late diastolic velocity; E/E', early diastolic mitral inflow velocity/early diastolic mitral annular tissue velocity.