

Supplementary Table 1.

N=118	Pre-SAVR	Post-SAVR	Mean difference	<i>p</i>-value
$\Delta\text{GLS}^{\text{TTE}}$, %	14.9±3.7	16.4±3.3	1.4 (2.0 – 0.8)	<0.001
$\Delta\text{LVEF}^{\text{CMR}}$, %	60.3±10.0	58.3±8.4	–1.9 (–3.9 – –0.04)	0.045
$\Delta\text{LVEDV}^{\text{CMR}}$, mL	148.0 (71.0–323.0)	137.0 (50.0–345.0)		<0.001
$\Delta\text{LVMI}^{\text{CMR}}$, g/m ²	80.0±27.1	62.1±15.5	–17.9 (–21.3 – –14.5)	<0.001
$\Delta\text{Geometric remodeling}^{\text{CMR}}$	0.94±0.19	0.83±0.17	–0.11 (–0.14 – –0.08)	<0.001

Values are median (interquartile range); mean ± standard deviation, CMR, Cardiac magnetic resonance; GLS, Global longitudinal strain; EDV, end-diastolic volume; EF, ejection fraction; LV, left ventricle;

LVMi, Left ventricle indexed mass; RR, Reverse remodeling; SAVR, Surgical aortic valve replacement