Supplementary Table 3. Details of factors for the association with the reduction in left atrial diameter

| Variable                              | No reduction in LAD (N=275) | Reduction in LAD (N=398) | P value | N of patients analyzed |
|---------------------------------------|-----------------------------|--------------------------|---------|------------------------|
| Age ≥80 years                         | 130 (47%)                   | 154 (39%)                | 0.03    | 673                    |
| Women                                 | 130 (47%)                   | 165 (41%)                | 0.14    | 673                    |
| History of Atrial fibrillation or flutter at discharge | 151 (55%)                   | 217 (55%)                | 0.92    | 673                    |
| eGFR at discharge <30 mL/min/1.73m²  | 56 (21%)                    | 71 (18%)                 | 0.41    | 668                    |
| Anemia at discharge                  | 163 (61%)                   | 221 (57%)                | 0.39    | 655                    |
| ACE-I or ARB at discharge            | 191 (69%)                   | 281 (71%)                | 0.75    | 673                    |
| β-blocker at discharge               | 210 (76%)                   | 312 (78%)                | 0.54    | 673                    |
| MRA at discharge                     | 140 (51%)                   | 209 (53%)                | 0.68    | 673                    |
| Diuretic at discharge                | 242 (88%)                   | 346 (87%)                | 0.68    | 673                    |
| LAD ≥40 mm (baseline)                | 172/275                     | 333/398                  | <0.0001 | 673                    |
Diuretics included loop diuretic, thiazide and tolvaptan.

LAD, left atrial diameter; eGFR, estimated glomerular filtration rate; ACE-I, angiotensin-converting enzyme inhibitor; ARB, angiotensin-receptor blocker; MRA,
mineralocorticoid receptor antagonist; LVDd, left ventricular end-diastolic dimension;

LVEF, left ventricular ejection fraction; MR, mitral regurgitation; TRPG, tricuspid
regurgitant pressure gradient.