Table 2. Left Atrium Remodeling in 3 subgroups: AF patients with recurrence, AF patients with no recurrence and Control. Catheter-measured LA pressures, Electro-anatomical Mapping, Echocardiography and Cardiac Magnetic Resonance Parameters.

	AF-recurrence N=14	AF-no recurrence N=36	Control N=20	P AF rec vs non-rec	P AF rec vs Control	P AF non-rec vs Control	P ANOVA
LA pressure							
LAP (a-wave), mmHg	9±2	12±6		0.42			
LAP (v-wave), mmHg	11±2	13±8		0.64			
LAP (mean), mmHg	8±2	9±4		0.54			
LAP/LAV, mmHg*m2/ml	0.12±0.02	0.29±0.17		***0.021***			
EA mapping							
total area (cm²; Carto)	196±60	171±62		0.22			
posterior wall total (cm²; Carto)	25±13	30±17		0.35			
roof total (cm²; Carto)	16±6	18±10		0.48			
anterior wall total (cm²; Carto)	29±13	32±18		0.67			
posterior wall low voltage (cm²; Carto)	2.9±6.1	5.0±10.3		0.83			
roof low voltage (cm²; Carto)	4.6±7.6	4.2±6.6		0.87			
anterior wall low voltage (cm²; Carto)	6.7±10.3	6.6±11.7		0.86			
global low voltage (%)	18.9±25.7	15.4±21.2		0.63			
CMR							
LAV Max	65±25	53±14	40±8	0.07	***<0.001***	***0.009***	***<0.001***
LAV Min	46±27	32±14	15±3	***0.026***	***<0.001***	***0.001***	***<0.001***
Reservoir LA EF, %	31±15	41±14	63±4	***0.034***	***<0.001***	***<0.001***	***<0.001***
Reservoir LA Strain, %	16.1±8.7	22.7±10.8	33.1±7.6	0.09	***<0.001***	***0.001***	***<0.001***
Passive LA EF, %	21.4±9.4	22.2±6.4	29.1±7.3	0.93	***0.012***	***0.004***	***0.002***
Passive LA Strain, %	-9.4±3.4	-11.2±4.4	-16.7±5.8	0.48	***<0.001***	***<0.001***	***<0.001***
Active LA EF, %	14±12	26±14	48±5	***0.009***	***<0.001***	***<0.001***	***<0.001***
Active LA Strain, %	-4.5±4.3	-10.6±6.8	-17.3±3.9	***0.004***	***<0.001***	***<0.001***	***<0.001***

Abbreviations: LAP left atrial pressure, LAV left atrial volume, EA electro-anatomical, CMR cardiac magnetic resonance, EF ejection fraction