

Table 4. Right Ventricular and Right Atrial Remodeling in 3 subgroups: AF patients with recurrence, AF patients with no recurrence and Control. 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
<u>Right Ventricle</u>							
CMR							
EDV	72±13	73±14	75±18	0.99	0.85	0.81	0.80
ESV	32±9	30±8	32±9	0.81	0.99	0.77	0.72
SV	41±10	42±9	43±10	0.80	0.67	0.93	0.69
EF	54±11	53±8	58±5	0.99	0.26	0.11	0.12
RV GLS	-32.0±5.4	-32.4±7.4	-32.3±5.6	0.98	0.99	0.99	0.98
RV FW LS	-33.1±8.8	-39.1±8.3	-33.5±6.7	0.05	0.99	0.044	0.016
<u>Right Atrium</u>							
RA Volume Max	55±21	57±18	50±16	0.94	0.67	0.34	0.37
RA Volume Min	36±19	33±15	25±8	0.77	0.07	0.11	0.05
Reservoir RA EF	36±17	43±14	50±8	0.23	0.010	0.15	0.013
Reservoir RA Strain	31.8±18.0	31.5±12.3	39.8±8.0	0.99	0.37	0.10	0.09
Passive RA EF	17.3±10.2	21.2±6.7	20.6±7.7	0.26	0.23	0.96	0.21
Passive RA Strain	-17.2±12.5	-15.3±5.3	-19.2±4.3	0.69	0.71	0.15	0.17
Active RA EF	22±18	28±17	39±7	0.45	0.008	0.042	0.007
Active RA Strain	-9.7±6.9	-12.6±7.6	-15.1±4.5	0.35	0.07	0.42	0.08

Abbreviations: EDV end-diastolic volume, ESV end-systolic volume, SV stroke volume, CI cardiac index, EF ejection fraction, GLS global longitudinal strain, FW LS free wall longitudinal strain, RA right atrial.