

**Table S1** Left atrial strain and strain rate in each group

Variables	CON (n=70)	CKD <sub>N-LVH</sub> (n=85)	CKD <sub>LVH</sub> (n=81)	P
LA Ss (%)	31.60±6.38	26.13±5.38*	23.18±5.24*#	<0.001
LA Se (%)	13.42±3.27	13.16±4.18	11.14±4.29*#	0.001
LA Sa (%)	18.18±5.26	12.97±3.11*	12.04±3.47*	<0.001
LA SRs (S <sup>-1</sup> )	1.58±0.41	1.33±0.28*	1.05±0.23*#	<0.001
LA SRe (S <sup>-1</sup> )	1.74±0.50	1.17±0.41*	0.89±0.38*#	<0.001
LA SRa (S <sup>-1</sup> )	1.99±0.50	1.93±0.41	1.69±0.45*#	<0.001

Continuous data are expressed as mean ± standard deviation. \*, P<0.05 indicates significantly different from CON group; #, P<0.05 indicates significantly different from CKD<sub>N-LVH</sub> group. CON, control; CKD, chronic kidney disease; LVH, left ventricular hypertrophy; N-LVH, non-LVH; LA Ss, left atrial global longitudinal strain during systole; LA Se, left atrial global longitudinal strain during early diastole; LA Sa, left atrial global longitudinal strain during late diastole; LA SRs, left atrial global longitudinal strain rate during systole; LA SRe, left atrial global longitudinal strain rate during early diastole; LA SRa, left atrial global longitudinal strain rate during late diastole.