

$D_{long}(mm^2/ms)$ ; $AR$	<b>RA</b>	<b>LA</b>	<b>BB-CT</b>	<b>PV</b>
<b>Baseline</b>	0.4; 10	0.4; 10	0.6; 16	0.4; 16
<b>CV Reduction</b>	0.2; 10	0.2; 10	0.4; 16	0.2; 16
<b>AR Increase</b>	0.2; 16	0.2; 22	0.4; 16	0.2; 22

**Table S5:** Values for the longitudinal diffusion coefficient ( $D_{long}$ ) and anisotropy ratio ( $AR$ ) for each region of the atrial at three different stages of structural remodelling: baseline, CV reduction and additional AR increase.