

**Supplementary Table 2** Intraobserver variability of segmental WSS analysis of the *peak systolic cardiac phase-1* from the scan exams

	WSSmax (mPa)						WSSmean (mPa)					
	Bland-Altman		COV (%)	Correlation*		ICC	Bland-Altman		COV (%)	Correlation*		ICC
	Mean difference (mPa)	Limits of agreement ( $\pm 2\sigma$ ) (mPa)		<i>r</i>	<i>P</i>		Mean difference (mPa)	Limits of agreement ( $\pm 2\sigma$ ) (mPa)		<i>r</i>	<i>P</i>	
<b>Proximal AAo</b>	182.6	815.1	14	0.92	<0.001	0.87	81.0	114.5	4	0.98	<0.001	0.98
<b>Distal AAo</b>	-40.8	295.3	6	0.89	0.001	0.94	11.0	47.0	2	0.96	<0.001	1.00
<b>Aortic arch</b>	27.6	159.8	4	0.99	<0.001	0.97	14.8	50.7	2	0.96	<0.001	0.98
<b>Proximal DAo</b>	-24.7	184.6	4	0.99	<0.001	0.97	-1.0	62.8	2	0.95	<0.001	0.98
<b>Distal DAo</b>	-137.3	532.5	11	0.66	0.038	0.78	-10.5	120.9	4	0.82	0.004	0.91

\*Spearman correlation coefficient

AAo ascending aorta, DAo descending aorta, COV coefficient of variation, ICC intraclass correlation coefficient

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