

Supplementary Table 4. Inter- and intra-observer consistency analyses of VFI and SWE parameters

Parameter	Inter-observer		Intra-observer	
	Kendall W	P-value	Kendall W	P-value
VFI parameters				
Downstream				
WSS max (Pa)	0.820	0.016*	0.831	0.014*
WSS mean (Pa)	0.786	0.026*	0.866	0.008*
OSI	0.917	0.004*	0.826	0.015*
Tur index (%)	0.874	0.008*	0.903	0.005*
Upstream				
WSS max (Pa)	0.822	0.016*	0.953	0.002*
WSS mean (Pa)	0.862	0.009*	0.940	0.003*
OSI	0.834	0.013*	0.870	0.008*
Tur index (%)	0.840	0.012*	0.842	0.012*
SWE parameters				
Mean YM of the whole plaque (kPa)	0.952	0.002*	0.968	0.002*
Mean YM of plaque downstream (kPa)	0.906	0.005*	0.917	0.004*
Mean YM of plaque upstream (kPa)	0.973	0.002*	0.969	0.002*

VFI, vector flow imaging; SWE, shear wave elastography; WSS, wall shear stress; OSI, oscillatory shear index; Tur, turbulence; YM, Young's modulus.

*P<0.05.