

Supplementary Table 1: Interoperator variability of selected vessel (TRAVA, TRFI/W) and annulus-based (MV) methods between three independent observers.

Control mouse #	Mean TRFI/W (AU)			Mean MV (AU)		
	Observer 1	Observer 2	Observer 3	Observer 1	Observer 2	Observer 3
1	6.50	8.48	5.08	8.05	8.00	7.65
2	3.13	3.68	3.00	5.78	5.70	5.45
3	5.50	7.10	5.05	6.75	6.73	6.58
4	7.33	9.65	5.35	7.63	8.08	7.85
5	6.10	7.93	6.25	9.30	9.10	8.60
6	6.15	6.55	6.30	7.60	8.55	7.55
7	5.78	7.55	6.45	8.88	8.98	8.28
8	5.23	7.78	6.83	8.98	8.18	8.18
9	6.95	8.55	6.53	9.53	8.65	9.18
10	5.90	8.28	6.43	8.38	8.28	7.73
11	5.53	5.60	5.30	10.43	10.25	9.20
12	5.35	5.28	5.45	8.70	7.10	7.15
13	7.20	7.23	6.58	9.15	8.83	9.78
14	5.58	5.60	4.70	5.70	5.70	5.08
15	7.43	7.45	7.08	9.30	9.68	8.20
16	4.50	4.50	4.58	10.18	9.55	9.50
17	8.05	8.10	7.25	11.05	9.40	10.33
18	7.65	7.65	7.88	13.53	13.18	12.58
19	9.68	9.68	8.60	7.50	6.38	6.43
20	9.00	9.05	8.30	7.20	8.25	6.68
21	5.95	5.93	4.78	5.38	5.05	5.28
22	7.08	7.13	6.68	6.18	6.05	5.73
Mean	6.43	7.21	6.11	8.41	8.16	7.86
SD	1.47	1.59	1.34	1.94	1.83	1.82
ICC	0.687			0.928		