

Supplementary Table 2: Comparison of blood flow and intersession variability for selected vessel (TRAVA, TRFI/W) and annulus-based (MV) methods across three sessions.

Control mouse #	Mean TRFI/W (AU)	Mean MV (AU)	COV %, TRFI/W	COV %, MV
1	6.67	7.30	21.12	17.73
2	6.58	8.40	8.34	9.30
3	6.03	7.08	8.55	8.09
4	5.73	8.39	22.15	17.70
5	5.97	6.88	8.44	20.66
6	5.85	7.55	37.23	35.30
7	5.44	7.46	25.27	14.41
8	7.91	7.82	9.81	11.67
9	6.28	8.41	15.20	10.11
10	6.68	8.58	8.01	10.14
Mean	6.31	7.79	16.41	15.51