Data = set2 - line ROIs by M Pizzi (2024 Excel/CSV data)

Data collected by M Pizzi (new ROI-ZIP files, data sent as Excel)

ZT10_16X6x_gg_800nm_m5_roi2_00003.tif
ZT10_16X6x_gg_800nm_m6_roi1_00001.tif
ZT10_16X6x_gg_800nm_m7_roi1_00001.tif
ZT10_16X6x_gg_800nm_m9_roi1_00002.tif
ZT10_16X6x_gg_800nm_m10_roi1_00001.tif
ZT10_16X6x_gg_800nm_m11_roi1_00001.tif
ZT10_16X6x_gg_800nm_m12_roi1_00001.tif
ZT10_16X6x_gg_800nm_m13_roi1_00002.tif
ZT10_16X6x_gg_800nm_m15_roi1_00001.tif
ZT10_16X6x_gg_800nm_m16_roi1_00001.tif

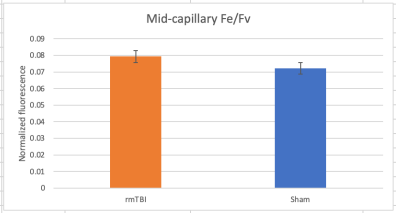
Animal	perivessel AU 1	perivessel AU 2	lumen AU	Fe/Fv	vessel type	location along AV axis
6	3140	3137	20829	0.1507	arteriole	Prior to bifurctation
6	1853	1341	10575	0.1511	arteriole	Prior to bifurctation
6	2810	3109	13490	0.2194	capillary	post bifurcation
6	2454	1905	9040	0.241	capillary	mid-capillary
6	4266	2921	9659	0.3721	capillary	post bifurcation
7	850	672	13100	0.0513	arteriole	post bifurcation
7	537	642	9196	0.0641	capillary	mid-capillary
7	1537	975	7025	0.1788	capillary	mid-capillary
9	151	381	11638	0.0229	capillary	post bifurcation
9	389	278	8900	0.0375	capillary	post bifurcation
9	234	130	10709	0.0121	arteriole	mid vessel
9	391	212	6871	0.0439	capillary	mid-capillary
9	293	393	5085	0.0675	capillary	post bifurcation
9	245	208	3182	0.0711	capillary	post bifurcation
10	891	1682	18751	0.0686	capillary	post bifurcation
10	204	249	16397	0.0138	capillary	mid-capillary
10	169	479	14812	0.0323	venule	mid vessel
10	152	172	11085	0.0155	venule	mid vessel
10	172	210	17468	0.0109	capillary	mid-capillary
10	352	395	5420	0.0689	capillary	mid-capillary
11	298	194	4426	0.0438	arteriole	mid vessel
11	550	384	6009	0.0639	arteriole	mid vessel
11	897	830	4755	0.1689	arteriole	mid vessel
11	1182	1188	7362	0.161	capillary	mid-capillary
11	859	918	4928	0.1863	arteriole	Prior to bifurctation
11	115	387	4299	0.0584	capillary	mid-capillary
11	466	586	6773	0.0777	capillary	mid-capillary
12	723	632	7936	0.0796	arteriole	mid vessel
12	171	210	25157	0.0076	capillary	post bifurcation
12	257	212	16260	0.0144	capillary	post bifurcation
12	299	278	20252	0.0142	capillary	mid-capillary
12	185	106	11770	0.009	arteriole	mid vessel
12	143	218	19856	0.0091	capillary	mid-capillary
12	381	423	8720	0.0485	arteriole	mid vessel
12	745	542	12548	0.0432	venule	mid vessel
12	183	178	6047	0.0298	capillary	mid-capillary
12	582	517	17616	0.0312	capillary	post bifurcation
12	499	489	6627	0.0738	arteriole	mid vessel
13	297	480	6845	0.0568	capillary	mid-capillary
13	623	671	8815	0.0734	capillary	mid-capillary
13	603	336	13783	0.0341	capillary	mid-capillary
13	238	446	6859	0.0499	capillary	mid-capillary
13	563	291	10315	0.0414	capillary	post bifurcation
13	415	416	12374	0.0336	capillary	post bifurcation
13	375	508	12581	0.0404	arteriole	pre bifurcation
13	711	600	10721	0.056	arteriole	mid vessel

	Mid-capillary Fe/Fv	Post-bifurcation capillary Fe/Fv	
Total N=30	0.0673	0.0806	14

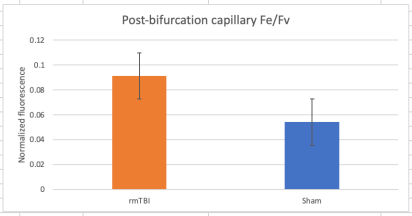
	Mid-capillary Fe/Fv	Post-bifurcation capillary Fe/Fv
rmTBI	0.0793	0.0913
Sham	0.0723	0.0541

	Mid-capillary Fe/Fv	Post-bifurcation capillary Fe/Fv
rmTBI	0.0793	0.0913
Sham	0.0723	0.0541

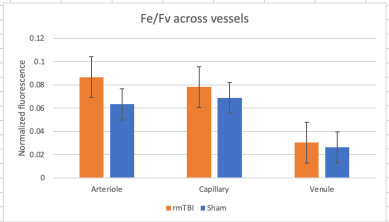
	Post-bifurcation capillary Fe/Fv
rmTBI	0.0913
Sham	0.0541



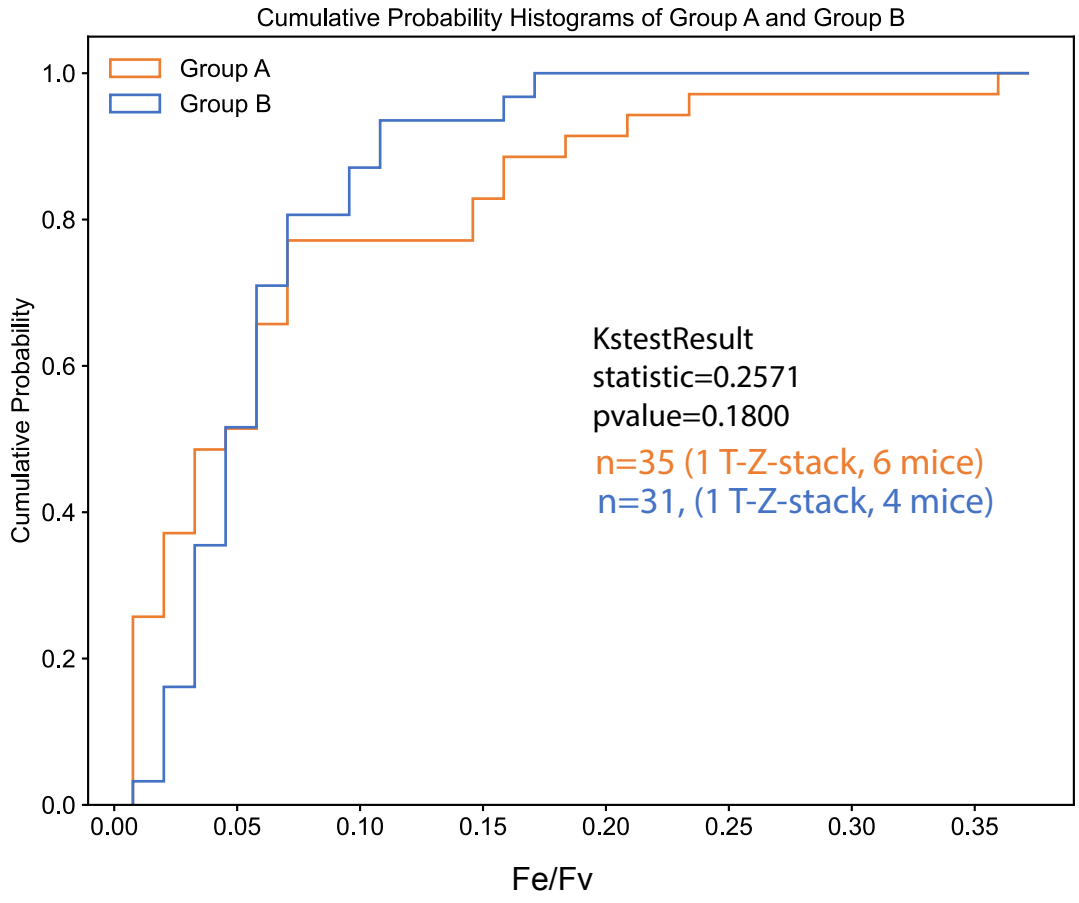
rmTBI	Sham	#NAME?
0.70775	0.0414	
0.3721	0.0336	
0.0229	0.0256	
0.0375	0.1158	
0.0675		
0.0711		
0.0686		
0.0076		
0.0144		
0.0312		



	rmTBI	Sham
Arteriole	0.0866	0.0633
Capillary	0.0781	0.0688
Venule	0.0303	0.0262



means, SEM calculated from Excel sheet data (All values imported into Python script and processed)



Location plots by Group

CDF

Means-Bar plots

Vessel type plots by Group

CDF

Means-Bar plots