

On-line Table: Median (IQR) flow- and velocity-feature points

Parent Artery	CoW Configuration	Feature Point	Flow (mL/s)					Velocity (cm/s)						
			Median (x)	Median (y)	Q1 (x)	Q1 (y)	Q3 (x)	Q3 (y)	Median (x)	Median (y)	Q1 (x)	Q1 (y)	Q3 (x)	Q3 (y)
ICA	Complete	M	-0.08271	1.9822	-0.088917	1.488	-0.069802	2.3167	-0.084597	19.941	-0.089768	18.026	-0.071305	27.769
ICA	Complete	S1	-0.025683	2.7388	-0.027828	2.3644	-0.022464	3.167	-0.025459	30.206	-0.02801	25.184	-0.022385	38.386
ICA	Complete	S2	0	3.3760	0	3.1064	0	4.1339	0	39.453	0	30.82	0	47.586
ICA	Complete	S3	0.024853	4.2419	0.023514	3.8132	0.02909	4.9296	0.025956	49.39	0.023416	36.536	0.03167	57.407
ICA	Complete	P	0.086817	5.1591	0.075503	4.5306	0.16964	5.6824	0.089661	58.009	0.073307	42.282	0.16913	69.142
ICA	Complete	D1	0.24115	4.2419	0.18489	3.8132	0.27101	4.9296	0.24172	49.39	0.19938	36.536	0.27314	57.407
ICA	Complete	H	0.31407	3.3760	0.26254	3.1064	0.43121	4.1339	0.31265	39.453	0.25864	30.82	0.43976	47.586
ICA	Complete	D2	0.46013	3.0793	0.38232	2.641	0.5558	3.7137	0.45876	33.334	0.37704	28.133	0.54551	42.774
ICA	Complete	D3	0.60613	2.5406	0.49254	2.2667	0.67089	3.3071	0.60487	29.1	0.49017	24.972	0.64883	38.219
ICA	Complete	D4	0.74271	2.2189	0.60578	2.0379	0.76437	2.7283	0.73543	25.367	0.60462	21.419	0.76124	36.021
ICA	Complete	D5	0.85096	1.9831	0.71897	1.4897	0.90461	2.3175	0.85025	19.942	0.71806	18.028	0.90367	27.768
ICA	Incomplete	M	-0.084157	2.1206	-0.085797	1.8756	-0.077524	2.3559	-0.085167	19.479	-0.087639	17.258	-0.077394	24.331
ICA	Incomplete	S1	-0.027067	3.1066	-0.028029	2.6904	-0.024855	3.2861	-0.027136	30.806	-0.028273	26.367	-0.024716	31.641
ICA	Incomplete	S2	0	3.9699	0	3.5782	0	4.4534	0	39.255	0	35.093	0	42.091
ICA	Incomplete	S3	0.028809	4.8128	0.025698	4.4411	0.031683	5.6508	0.030113	46.656	0.025415	43.64	0.032988	53.506
ICA	Incomplete	P	0.16762	5.6557	0.088665	5.2927	0.18637	6.8482	0.15276	54.057	0.0888	52.14	0.18266	64.92
ICA	Incomplete	D1	0.25312	4.8128	0.24904	4.4411	0.26855	5.6508	0.26061	46.656	0.24509	43.64	0.26513	53.506
ICA	Incomplete	H	0.34858	3.9699	0.30543	3.5782	0.43071	4.4534	0.3607	39.255	0.29732	35.093	0.42914	42.091
ICA	Incomplete	D2	0.48659	3.4658	0.44317	3.0488	0.54258	3.5728	0.48041	35.444	0.43419	26.854	0.5452	36.477
ICA	Incomplete	D3	0.62341	2.9835	0.55349	2.4481	0.66558	3.0995	0.61894	28.282	0.5469	23.706	0.66747	31.312
ICA	Incomplete	D4	0.7786	2.6604	0.65723	2.3357	0.79359	2.9805	0.7791	24.736	0.6532	22.517	0.79372	28.813
ICA	Incomplete	D5	0.89039	2.1211	0.76096	1.8779	0.93713	2.3565	0.89087	19.484	0.7595	17.269	0.93504	24.335
MCA	Complete	M	-0.081309	1.2774	-0.098791	1.0023	-0.066876	1.5559	-0.079615	28.348	-0.098356	21.014	-0.068007	32.606
MCA	Complete	S1	-0.025848	1.7875	-0.031407	1.3434	-0.021583	2.0304	-0.02586	37.576	-0.03145	29.355	-0.02159	41.164
MCA	Complete	S2	0	2.2323	0	1.7601	0	2.4059	0	44.455	0	36.863	0	50.247
MCA	Complete	S3	0.027103	2.5526	0.021831	2.146	0.034695	2.9167	0.027545	51.941	0.022158	45.899	0.034527	58.053
MCA	Complete	P	0.10739	2.9139	0.07322	2.5043	0.16332	3.4302	0.11023	60.766	0.07498	51.738	0.17202	66.977
MCA	Complete	D1	0.21577	2.5526	0.18893	2.146	0.23897	2.9167	0.21582	51.941	0.17981	45.899	0.23726	58.053
MCA	Complete	H	0.29739	2.2323	0.25454	1.7601	0.37718	2.4059	0.28546	44.455	0.24973	36.863	0.38609	50.247
MCA	Complete	D2	0.41836	2.0124	0.40104	1.6095	0.48063	2.1912	0.42135	39.375	0.39635	34.557	0.48131	44.335
MCA	Complete	D3	0.54563	1.823	0.51608	1.3213	0.59152	2.1619	0.54427	37.217	0.5137	28.855	0.58749	40.841
MCA	Complete	D4	0.63623	1.6089	0.59674	1.1787	0.73914	1.9094	0.63509	32.961	0.59446	25.206	0.73552	37.777
MCA	Complete	D5	0.74936	1.296	0.69796	1.0025	0.87845	1.5549	0.74981	28.349	0.6971	21.021	0.8793	32.615
MCA	Incomplete	M	-0.090613	1.0703	-0.11213	0.95046	-0.077632	1.1442	-0.09054	23.765	-0.11406	20.853	-0.077668	26.416
MCA	Incomplete	S1	-0.031202	1.5075	-0.033971	1.3335	-0.025546	1.6349	-0.031094	33.37	-0.034969	28.823	-0.025964	34.597
MCA	Incomplete	S2	0	1.9448	0	1.7165	0	2.1255	0	41.175	0	36.794	0	43.401
MCA	Incomplete	S3	0.037717	2.3316	0.035189	2.0994	0.039505	2.4915	0.036408	48.426	0.034284	44.764	0.044532	53.315
MCA	Incomplete	P	0.16139	2.6634	0.15083	2.4824	0.16388	2.9559	0.16043	56.939	0.15013	50.209	0.1641	63.229
MCA	Incomplete	D1	0.22696	2.3316	0.22018	2.0994	0.26449	2.4915	0.22771	48.426	0.21755	44.764	0.23683	53.315
MCA	Incomplete	H	0.36621	1.9448	0.25456	1.7165	0.37468	2.1255	0.31229	41.175	0.2544	36.794	0.37705	43.401
MCA	Incomplete	D2	0.46997	1.6225	0.37743	1.424	0.50017	1.9669	0.47474	37.888	0.37686	29.969	0.50201	41.61

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On-line Table: Continued

Parent Artery	CoW Configuration	Feature Point	Flow (mL/s)						Velocity (cm/s)					
			Median (x)	Median (y)	Q1 (x)	Q1 (y)	Q3 (x)	Q3 (y)	Median (x)	Median (y)	Q1 (x)	Q1 (y)	Q3 (x)	Q3 (y)
MCA	Incomplete	D3	0.57372	1.4282	0.50104	1.2477	0.62566	1.7236	0.53718	31.984	0.4996	25.905	0.62263	35.621
MCA	Incomplete	D4	0.67748	1.2751	0.62466	1.0241	0.7456	1.5932	0.64962	28.301	0.62363	24.731	0.73816	31.78
MCA	Incomplete	D5	0.78123	1.0709	0.74827	0.95065	0.8495	1.1444	0.76989	23.768	0.74425	20.873	0.85368	26.419
A1	Complete	M	-0.081826	0.78548	-0.11019	0.54966	-0.071529	0.88717	-0.084886	19.862	-0.10172	17.446	-0.075212	23.464
A1	Complete	S1	-0.027776	1.0112	-0.035165	0.83164	-0.022683	1.1557	-0.028918	26.875	-0.032807	24.61	-0.022456	32.877
A1	Complete	S2	0	1.2427	0	1.0961	0	1.44	0	36.003	0	30.959	0	40.407
A1	Complete	S3	0.03172	1.4816	0.022494	1.3094	0.037195	1.7361	0.03065	45.11	0.022223	37.347	0.038515	48.972
A1	Complete	P	0.11795	1.7205	0.078713	1.4804	0.15912	2.0223	0.11388	52.014	0.079069	43.459	0.16945	58.366
A1	Complete	D1	0.21685	1.4816	0.19403	1.3094	0.25935	1.7361	0.21609	45.11	0.19472	37.347	0.25994	48.972
A1	Complete	H	0.27357	1.2427	0.24931	1.0961	0.41745	1.44	0.27674	36.003	0.24536	30.959	0.41592	40.407
A1	Complete	D2	0.39697	1.1147	0.37811	0.96637	0.54639	1.3354	0.39721	34.86	0.37633	27.351	0.54768	38.18
A1	Complete	D3	0.53194	1.0318	0.49386	0.8639	0.67365	1.1783	0.52649	27.134	0.4894	24.703	0.67932	33.675
A1	Complete	D4	0.66821	0.98355	0.62428	0.7583	0.79983	1.1166	0.66702	25.083	0.62675	24.272	0.8052	27.986
A1	Complete	D5	0.80448	0.78598	0.75355	0.55073	0.91881	0.88751	0.80247	19.91	0.76302	17.464	0.92569	23.475
A1	Incomplete	M	-0.085884	0.98191	-0.098429	0.92794	-0.07714	1.239	-0.097135	25.516	-0.10464	18.758	-0.080781	27.228
A1	Incomplete	S1	-0.030196	1.234	-0.034851	1.138	-0.024796	1.6403	-0.032101	31.874	-0.034714	24.411	-0.030208	38.925
A1	Incomplete	S2	0	1.5237	0	1.4489	0	2.0417	0	37.956	0	30.064	0	51.066
A1	Incomplete	S3	0.033904	1.8391	0.026108	1.7109	0.04664	2.4431	0.036803	43.312	0.034644	35.695	0.04878	63.409
A1	Incomplete	P	0.14773	2.218	0.13253	1.957	0.16563	2.8444	0.14508	49.587	0.12142	41.097	0.16601	75.752
A1	Incomplete	D1	0.22429	1.8391	0.19926	1.7109	0.28855	2.4431	0.22411	43.312	0.19335	35.695	0.24175	63.409
A1	Incomplete	H	0.3697	1.5237	0.2339	1.4489	0.38838	2.0417	0.34823	37.956	0.23092	30.064	0.38492	51.066
A1	Incomplete	D2	0.46737	1.3303	0.3393	1.2587	0.49682	1.7254	0.4619	33.672	0.32854	25.292	0.4898	45.065
A1	Incomplete	D3	0.56504	1.289	0.43611	1.2041	0.59588	1.7481	0.56505	32.433	0.42323	24.076	0.59731	35.073
A1	Incomplete	D4	0.66272	1.4917	0.53123	1.0604	0.69552	1.7277	0.66267	30.953	0.61262	18.735	0.70214	40.783
A1	Incomplete	D5	0.76039	0.98173	0.62635	0.92733	0.79669	1.2388	0.76029	25.511	0.61262	18.735	0.80037	27.23
A2	Complete	M	-0.16796	0.48189	-0.19305	0.37492	-0.094852	0.62597	-0.1038	14.448	-0.1805	13.698	-0.078808	23.437
A2	Complete	S1	-0.093933	0.56393	-0.11319	0.45073	-0.041436	0.85479	-0.042362	20.845	-0.10771	17.171	-0.028446	28.39
A2	Complete	S2	0	0.64596	0	0.52655	0	1.0836	0	27.242	0	20.645	0	33.343
A2	Complete	S3	0.025825	0.72799	0.022463	0.60236	0.039849	1.3124	0.025331	33.639	0.022332	24.118	0.10675	38.296
A2	Complete	P	0.094192	0.81002	0.068968	0.67817	0.14275	1.5412	0.15717	40.036	0.083753	27.591	0.17813	43.248
A2	Complete	D1	0.14178	0.72799	0.11356	0.60236	0.21164	1.3124	0.23325	33.639	0.13403	24.118	0.23491	38.296
A2	Complete	H	0.31982	0.64596	0.24667	0.52655	0.50951	1.0836	0.27421	27.242	0.16721	20.645	0.49752	33.343
A2	Complete	D2	0.42864	0.6364	0.35288	0.47723	0.58155	0.79308	0.41047	20.289	0.29642	19.771	0.57657	31.098
A2	Complete	D3	0.53747	0.69201	0.4591	0.54909	0.6536	0.74929	0.54674	17.488	0.42564	16.648	0.65562	32.787
A2	Complete	D4	0.64629	0.59211	0.56531	0.4286	0.72564	0.69416	0.68301	19.573	0.55485	16.607	0.73468	29.206
A2	Complete	D5	0.75511	0.48185	0.67152	0.37621	0.79768	0.62716	0.81188	14.448	0.68222	13.698	0.81743	23.435
A2	Incomplete	M	-0.093485	0.60718	-0.093191	0.37621	0.79768	0.62716	-0.093191	17.778	-0.093191	17.778	0.81743	23.435
A2	Incomplete	S1	-0.03122	0.94722	-0.030959	0.94722	-0.030959	1.7705	-0.030959	27.705	-0.030959	27.705	0.81743	23.435
A2	Incomplete	S2	0	1.2873	0	1.2873	0	1.6273	0	37.633	0	30.064	0	51.066
A2	Incomplete	S3	0.037057	1.6273	0.036527	1.6273	0.036527	47.56	0.036527	47.56	0.036527	47.56	0.81743	23.435
A2	Incomplete	P	0.17128	1.9673	0.17252	1.9673	0.17252	57.488	0.17252	57.488	0.17252	57.488	0.81743	23.435

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On-line Table: Continued

Parent Artery	CoW Configuration	Feature Point	Flow (mL/s)					Velocity (cm/s)						
			Median (x)	Median (y)	Q1 (x)	Q1 (y)	Q3 (x)	Q3 (y)	Median (x)	Median (y)	Q1 (x)	Q1 (y)	Q3 (x)	Q3 (y)
A2	Incomplete	D1	0.25387	1.6273	-0.13215	0.91299	-0.075421	1.4167	0.25566	47.56	-0.13372	18.773	-0.075479	26.387
A2	Incomplete	H	0.31331	1.2873	-0.031709	1.6082	-0.024047	1.948	0.31594	37.633	-0.032128	25.318	-0.023868	36.937
A2	Incomplete	D2	0.44971	1.1099	0	2.1481	0	2.4793	0.45175	32.274	0	31.863	0	47.145
A2	Incomplete	D3	0.5861	0.92448	0.024879	2.6036	0.041494	3.0106	0.58757	27.16	0.026763	38.409	0.041781	57.353
A2	Incomplete	D4	0.7225	0.87029	0.13925	3.059	0.17331	3.6938	0.72338	25.52	0.16235	44.954	0.17477	68.239
A2	Incomplete	D5	0.8589	0.60786	0.2108	2.6036	0.24687	3.0106	0.85919	17.798	0.20904	38.409	0.24607	57.353
BA	Complete	M	-0.087775	1.253	0.25069	2.1481	0.31064	2.4793	-0.086564	23.518	0.25051	31.863	0.30854	47.145
BA	Complete	S1	-0.027093	1.7667	0.34933	1.5989	0.43947	2.236	-0.02794	31.986	0.40533	29.535	0.43825	41.616
BA	Complete	S2	0	2.3581	0.024879	2.6036	0.041494	3.0106	0	40.455	0.452047	23.79	0.56797	34.594
BA	Complete	S3	0.026377	2.9916	0.024879	2.6036	0.041494	3.0106	0.026763	48.923	0.52047	28.757	0.69768	30.197
BA	Complete	P	0.16103	3.5493	0.13925	3.059	0.17331	3.6938	0.16235	57.053	0.68145	18.775	0.82739	26.391
BA	Complete	D1	0.21999	2.9916	0.2108	2.6036	0.24687	3.0106	0.21865	48.923	0.75192	18.775	0.82739	26.391
BA	Complete	H	0.27533	2.3581	0.25069	2.1481	0.31064	2.4793	0.27164	40.455	0.82597	14.167	-0.092921	16.608
BA	Complete	D2	0.40592	2.003	0.34933	1.5989	0.43947	2.236	0.40533	38.721	0.94379	21.073	-0.029395	23.993
BA	Complete	D3	0.52107	1.6032	0.45552	1.3646	0.5683	1.7887	0.52047	32.463	0.94379	21.073	-0.029395	23.993
BA	Complete	D4	0.63622	1.577	0.57316	1.1518	0.69714	1.6763	0.63561	28.757	0.94379	21.073	-0.029395	23.993
BA	Complete	D5	0.75545	1.253	0.68264	0.91266	0.82597	1.4167	0.75592	23.533	0.94379	21.073	-0.029395	23.993
BA	Incomplete	M	-0.096253	0.37999	-0.16528	0.37275	-0.093718	0.65137	-0.097097	21.783	0	25.02	0	31.377
BA	Incomplete	S1	-0.03268	0.58804	-0.09524	0.56545	-0.029439	0.94379	-0.032643	21.073	0	25.02	0	31.377
BA	Incomplete	S2	0	0.7961	0	0.75815	0	1.2362	0	28.414	0	25.02	0	31.377
BA	Incomplete	S3	0.029738	1.0042	0.024531	0.95086	0.039482	1.5286	0.02995	35.755	0.02456	31.271	0.03893	38.762
BA	Incomplete	P	0.17375	1.2122	0.087914	1.1436	0.21457	1.8211	0.1729	43.096	0.087373	37.522	0.21537	46.147
BA	Incomplete	D1	0.27502	1.0042	0.14004	0.95086	0.34794	1.5286	0.27522	35.755	0.1401	31.271	0.32568	38.762
BA	Incomplete	H	0.39779	0.7961	0.1871	0.75815	0.46954	1.2362	0.39619	28.414	0.18671	25.02	0.46746	31.377
BA	Incomplete	D2	0.51622	0.68787	0.2888	0.62726	0.58658	1.089	0.5148	21.783	0.28876	21.639	0.58522	26.694
BA	Incomplete	D3	0.63464	0.6103	0.3905	0.50538	0.70362	0.96676	0.63342	21.674	0.39081	16.943	0.70298	24.711
BA	Incomplete	D4	0.75306	0.46036	0.4922	0.42489	0.82065	0.81383	0.75203	16.535	0.49286	14.348	0.82073	20.374
BA	Incomplete	D5	0.87149	0.38021	0.5939	0.37282	0.93769	0.65158	0.87065	13.739	0.59491	12.52	0.93849	16.613
VA	Complete	M	-0.095555	1.0941	-0.09524	0.56545	-0.029439	0.94379	-0.096241	12.922	0	25.02	0	31.377
VA	Complete	S1	-0.030921	1.6296	0	0.75815	0	1.2362	-0.030757	17.82	0	25.02	0	31.377
VA	Complete	S2	0	2.1652	0	0.75815	0	1.2362	0	22.718	0	25.02	0	31.377
VA	Complete	S3	0.033434	2.7007	0.024531	0.95086	0.039482	1.5286	0.03214	27.616	0.02456	31.271	0.03893	38.762
VA	Complete	P	0.12106	3.2363	0.087914	1.1436	0.21457	1.8211	0.10715	32.514	0.087373	37.522	0.21537	46.147
VA	Complete	D1	0.21564	2.7007	0.14004	0.95086	0.34794	1.5286	0.19703	27.616	0.1401	31.271	0.32568	38.762
VA	Complete	H	0.27856	2.1652	0.1871	0.75815	0.46954	1.2362	0.25881	22.718	0.18671	25.02	0.46746	31.377
VA	Complete	D2	0.43927	1.7706	0.2888	0.62726	0.58658	1.089	0.42428	18.606	0.28876	21.639	0.58522	26.694
VA	Complete	D3	0.59998	1.5039	0.3905	0.50538	0.70362	0.96676	0.58976	16.593	0.39081	16.943	0.70298	24.711
VA	Complete	D4	0.76069	1.4348	0.4922	0.42489	0.82065	0.81383	0.75523	15.822	0.49286	14.348	0.82073	20.374
VA	Complete	D5	0.92139	1.095	0.5939	0.37282	0.93769	0.65158	0.92071	12.928	0.59491	12.52	0.93849	16.613
VA	Incomplete	M	-0.085057	0.4053	-0.09524	0.56545	-0.029439	0.94379	-0.090912	8.9875	0	25.02	0	31.377
VA	Incomplete	S1	-0.02678	0.6381	-0.09524	0.56545	-0.029439	0.94379	-0.027983	13.512	0	25.02	0	31.377

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On-line Table: Continued

Parent Artery	CoW Configuration	Feature Point	Flow (mL/s)			Velocity (cm/s)					
			Median (x)	Median (y)	Q3 (x)	Q1 (y)	Q1 (x)	Q3 (y)	Q1 (y)	Q3 (x)	Q3 (y)
VA	Incomplete	S2	0	0.87089				0	18.037		
VA	Incomplete	S3	0.030728	1.1037				0.030562	22.562		
VA	Incomplete	P	0.17152	1.3365				0.1633	27.087		
VA	Incomplete	D1	0.24111	1.1037				0.2464	22.562		
VA	Incomplete	H	0.27411	0.87089				0.2793	18.037		
VA	Incomplete	D2	0.38169	0.71101				0.38411	14.847		
VA	Incomplete	D3	0.48926	0.53325				0.48893	11.369		
VA	Incomplete	D4	0.59684	0.38433				0.59375	9.3913		
VA	Incomplete	D5	0.70442	0.40535				0.69856	8.9904		

Note:—Q indicates quartile.