

Supplementary Material

Table S1. Global non-Newtonian importance factor for all 16 rheological models at the three instances of the cardiac cycle.

Global non-Newtonian importance factor, Ig				
#	Model	Peak systole	Early diastole	Late diastole
1	C	0.046	0.239	1.609
2	CY	0.025	0.219	1.757
3	Cs	0.041	0.147	2.534
4	Cs-m	0.076	0.162	0.364
5	Cr	0.008	0.201	2.175
6	Cr-m	0.028	0.214	3.207
7	Cr-s	0.205	0.258	1.083
8	HB	0.110	0.072	0.598
9	KL	0.027	0.090	0.687
10	N	0.000	0.000	0.000
11	PE	0.016	0.199	2.216
12	PE-m	0.016	0.211	1.579
13	P	0.055	0.210	0.743
14	P-g	0.019	0.439	1.619
15	Q	0.042	0.105	0.387
16	WS	0.074	0.127	0.703

Table S2a. Local non-Newtonian importance factor for all 16 rheological models at peak systole.

Local non-Newtonian importance factor, IL, PEAK SYSTOLE													
Number	Model	0 th = Minimum	1 st = 10% decile	2 nd = 20% decile	3 rd = 30% decile	4 th = 40% decile	5 th = 50% decile	6 th = 60% decile	7 th = 70% decile	8 th = 80% decile	9 th = 90% decile	10 th = Maximum	11 th = Average
1	C	1.0524	1.0754	1.0832	1.0839	1.0841	1.0843	1.0847	1.1002	1.1186	1.1556	1.3684	1.0983
2	CY	1.0240	1.0373	1.0420	1.0424	1.0425	1.0427	1.0429	1.0524	1.0641	1.0889	1.2504	1.0518
3	Cs	1.0540	1.0720	1.0779	1.0784	1.0786	1.0788	1.0791	1.0902	1.1032	1.1284	1.2542	1.0884
4	Cs-m	1.1049	1.1376	1.1478	1.1486	1.1490	1.1494	1.1499	1.1697	1.1917	1.2327	1.4068	1.1655
5	Cr	1.0059	1.0105	1.0123	1.0124	1.0125	1.0126	1.0127	1.0164	1.0214	1.0327	1.1258	1.0165
6	Cr-m	1.0358	1.0477	1.0520	1.0523	1.0524	1.0526	1.0528	1.0614	1.0719	1.0943	1.2384	1.0607
7	Cr-s	1.4518	1.4537	1.4544	1.4545	1.4545	1.4546	1.4546	1.4562	1.4583	1.4631	1.4998	1.4563
8	HB	0.6479	0.7157	0.7345	0.7357	0.7364	0.7371	0.7381	0.7718	0.8071	0.8678	1.0854	0.7620
9	KL	1.0419	1.0512	1.0543	1.0547	1.0548	1.0550	1.0552	1.0604	1.0675	1.0808	1.1474	1.0599
10	N	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	PE	1.0137	1.0227	1.0260	1.0263	1.0264	1.0265	1.0267	1.0335	1.0422	1.0610	1.1924	1.0333
12	PE-m	1.0122	1.0210	1.0243	1.0246	1.0247	1.0248	1.0250	1.0319	1.0407	1.0605	1.2069	1.0318
13	P	0.7372	0.8475	0.8786	0.8811	0.8819	0.8828	0.8838	0.9437	1.0049	1.1121	1.4892	0.9272
14	P-g	1.0144	1.0145	1.0145	1.0145	1.0145	1.0145	1.0145	1.0145	1.0145	1.0156	2.6014	1.0162
15	Q	1.0606	1.0764	1.0814	1.0818	1.0820	1.0822	1.0825	1.0923	1.1035	1.1251	1.2298	1.0905
16	WS	0.6984	0.7899	0.8156	0.8174	0.8182	0.8191	0.8201	0.8680	0.9173	1.0031	1.3060	0.8544

Table S2b. Local non-Newtonian importance factor for all 16 rheological models at early diastole.

Local non-Newtonian importance factor, I_L , EARLY DIASTOLE													
Number	Model	0 th = Minimum	1 st = 10% decile	2 nd = 20% decile	3 rd = 30% decile	4 th = 40% decile	5 th = 50% decile	6 th = 60% decile	7 th = 70% decile	8 th = 80% decile	9 th = 90% decile	10 th = Maximum	11 th = Average
1	C	1.1746	1.1952	1.2004	1.2088	1.2288	1.2734	1.3212	1.3267	1.3445	1.3682	14.738	1.3150
2	CY	1.1000	1.1153	1.1190	1.1248	1.1390	1.1724	1.2103	1.2146	1.2292	1.2480	14.082	1.2158
3	Cs	1.1376	1.1513	1.1551	1.1607	1.1729	1.1991	1.2234	1.2265	1.2358	1.2492	11.568	1.2177
4	Cs-m	1.2512	1.2703	1.2760	1.2852	1.3041	1.3407	1.3714	1.3754	1.3869	1.4042	2.5896	1.3466
5	Cr	1.0368	1.0449	1.0468	1.0497	1.0570	1.0756	1.0976	1.1002	1.1093	1.1209	13.920	1.1158
6	Cr-m	1.1036	1.1175	1.1209	1.1262	1.1390	1.1688	1.2013	1.2051	1.2178	1.2344	17.671	1.2070
7	Cr-s	1.4652	1.4684	1.4694	1.4710	1.4744	1.4816	1.4879	1.4889	1.4918	1.4966	14.457	1.4988
8	HB	0.8920	0.9177	0.9253	0.9373	0.9583	1.0042	1.0466	1.0514	1.0657	1.0846	5.7383	1.0155
9	KL	1.0839	1.0917	1.0938	1.0968	1.1033	1.1174	1.1295	1.1312	1.1360	1.1435	7.3675	1.1282
10	N	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	PE	1.0685	1.0808	1.0837	1.0883	1.0995	1.1264	1.1569	1.1604	1.1725	1.1880	14.483	1.1653
12	PE-m	1.0689	1.0822	1.0853	1.0902	1.1023	1.1322	1.1679	1.1719	1.1860	1.2037	14.334	1.1775
13	P	1.1838	1.2229	1.2363	1.2563	1.2993	1.3841	1.4636	1.4726	1.4990	1.5361	5.4064	1.4016
14	P-g	1.0203	1.0288	1.0307	1.0356	1.0500	1.1266	1.4219	1.4667	1.5933	1.7621	8.8632	1.4349
15	Q	1.1325	1.1440	1.1472	1.1521	1.1626	1.1845	1.2038	1.2063	1.2138	1.2248	4.9152	1.1953
16	WS	1.0499	1.0832	1.0938	1.1098	1.1426	1.2085	1.2693	1.2762	1.2967	1.3246	4.0785	1.2206

Table S2c. Local non-Newtonian importance factor for all 16 rheological models at late diastole.

Local non-Newtonian importance factor, I_L , LATE DIASTOLE													
Number	Model	0 th = Minimum	1 st = 10% decile	2 nd = 20% decile	3 rd = 30% decile	4 th = 40% decile	5 th = 50% decile	6 th = 60% decile	7 th = 70% decile	8 th = 80% decile	9 th = 90% decile	10 th = Maximum	11 th = Average
1	C	1.3629	1.5592	1.6035	1.6516	1.7106	1.7977	1.9189	2.0444	2.6539	9.6510	13.549	3.0497
2	CY	1.2475	1.4159	1.4607	1.5094	1.5721	1.6628	1.8001	1.9372	2.5562	10.683	13.831	3.0880
3	Cs	1.2484	1.3538	1.3776	1.4044	1.4383	1.4934	1.5779	1.6604	2.0207	7.1314	69.670	2.6698
4	Cs-m	1.3992	1.5192	1.5401	1.5637	1.5915	1.6363	1.6945	1.7467	1.9551	2.3269	2.7601	1.7552
5	Cr	1.1239	1.2403	1.2795	1.3220	1.3812	1.4672	1.6156	1.7753	2.3937	13.163	16.138	3.3230
6	Cr-m	1.2345	1.3828	1.4219	1.4647	1.5203	1.6032	1.7313	1.8577	2.4151	16.430	41.910	4.1455
7	Cr-s	1.4957	1.5369	1.5463	1.5576	1.5727	1.6006	1.6460	1.6961	2.0721	5.3618	32.306	2.3798
8	HB	1.0833	1.2229	1.2510	1.2810	1.3164	1.3730	1.4518	1.5233	1.7668	3.1622	54.549	1.7106
9	KL	1.1434	1.2012	1.2150	1.2312	1.2525	1.2886	1.3490	1.4153	1.6731	2.7888	49.055	1.6159
10	N	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
11	PE	1.1891	1.3328	1.3737	1.4176	1.4761	1.5630	1.6996	1.8357	2.4062	13.510	16.217	3.4015
12	PE-m	1.2042	1.3717	1.4194	1.4719	1.5402	1.6375	1.7873	1.9343	2.5605	9.5689	13.053	2.9110
13	P	1.5145	1.7723	1.8118	1.8540	1.9009	1.9727	2.0550	2.2007	2.5712	4.4286	5.4854	2.3676
14	P-g	1.3195	2.7154	2.9585	3.1435	3.2916	3.4360	3.5661	5.0035	5.9371	7.2991	8.8229	4.1779
15	Q	1.2242	1.3100	1.3284	1.3500	1.3769	1.4223	1.4912	1.5585	1.8309	2.6473	8.5033	1.6627
16	WS	1.3149	1.5137	1.5475	1.5839	1.6249	1.6901	1.7704	1.8504	2.1549	4.2908	7.2934	2.1361

Table S3a. Non-Newtonian effect factor for all 16 rheological models at peak systole.

Non-Newtonian Effect Factor, NNEF, PEAK SYSTOLE													
Number	Model	0 th = Minimum	1 st = 10% decile	2 nd = 20% decile	3 rd = 30% decile	4 th = 40% decile	5 th = 50% decile	6 th = 60% decile	7 th = 70% decile	8 th = 80% decile	9 th = 90% decile	10 th = Maximum	11 th = Average
1	C	0.0063	0.0475	0.0533	0.0551	0.0587	0.0622	0.0647	0.0696	0.0862	0.1232	0.1288	0.0696
2	CY	-0.0149	0.0245	0.0271	0.0290	0.0322	0.0351	0.0377	0.0421	0.0561	0.0838	0.0869	0.0414
3	Cs	0.0154	0.0436	0.0478	0.0488	0.0512	0.0542	0.0560	0.0592	0.0702	0.0935	0.0977	0.0587
4	Cs-m	0.0518	0.0819	0.0909	0.0919	0.0944	0.0977	0.0999	0.1030	0.1154	0.1495	0.1569	0.1030
5	Cr	-0.0290	0.0058	0.0071	0.0094	0.0117	0.0141	0.0162	0.0209	0.0301	0.0461	0.0482	0.0182
6	Cr-m	-0.0045	0.0299	0.0323	0.0340	0.0370	0.0398	0.0420	0.0459	0.0582	0.0830	0.0862	0.0452
7	Cr-s	0.1836	0.2319	0.2359	0.2416	0.2464	0.2472	0.2482	0.2510	0.2551	0.2585	0.2853	0.2462
8	HB	-0.2728	-0.1634	-0.1476	-0.1466	-0.1448	-0.1423	-0.1395	-0.1206	-0.0901	-0.0364	-0.0290	-0.1248
9	KL	-0.1334	0.0210	0.0252	0.0296	0.0336	0.0373	0.0412	0.0486	0.0544	0.0578	0.0774	0.0373
10	N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	PE	-0.0201	0.0153	0.0167	0.0185	0.0213	0.0238	0.0262	0.0304	0.0422	0.0644	0.0668	0.0292
12	PE-m	-0.0242	0.0144	0.0159	0.0179	0.0209	0.0237	0.0263	0.0310	0.0435	0.0676	0.0697	0.0295
13	P	-0.2014	-0.0725	-0.0455	-0.0439	-0.0404	-0.0363	-0.0318	-0.0160	0.0327	0.1215	0.1364	-0.0134
14	P-g	-0.0648	0.0125	0.0173	0.0201	0.0233	0.0279	0.0337	0.0402	0.0508	0.0838	0.1390	0.0346
15	Q	0.0248	0.0459	0.0497	0.0506	0.0525	0.0548	0.0564	0.0586	0.0671	0.0871	0.0909	0.0583
16	WS	-0.2326	-0.1121	-0.0896	-0.0883	-0.0856	-0.0822	-0.0783	-0.0619	-0.0210	0.0519	0.0634	-0.0618

Table S3b. Non-Newtonian effect factor for all 16 rheological models at early diastole.

Non-Newtonian Effect Factor, NNEF, EARLY DIASTOLE													
Number	Model	0 th = Minimum	1 st = 10% decile	2 nd = 20% decile	3 rd = 30% decile	4 th = 40% decile	5 th = 50% decile	6 th = 60% decile	7 th = 70% decile	8 th = 80% decile	9 th = 90% decile	10 th = Maximum	11 th = Average
1	C	-0.0080	0.0456	0.0600	0.0784	0.0827	0.0869	0.0891	0.0995	0.1170	0.1530	6.6006	0.1005
2	CY	-0.0232	0.0191	0.0311	0.0354	0.0392	0.0442	0.0497	0.0672	0.0848	0.1140	6.7020	0.0643
3	Cs	0.0018	0.0403	0.0506	0.0642	0.0671	0.0697	0.0712	0.0749	0.0847	0.1078	4.290	0.0761
4	Cs-m	0.0243	0.0808	0.0909	0.1057	0.1141	0.1296	0.1320	0.1335	0.1394	0.1654	2.5514	0.1254
5	Cr	-0.0303	-0.0091	-0.0061	-0.0036	0.0005	0.0028	0.0147	0.0357	0.0509	0.0739	6.5022	0.0280
6	Cr-m	-0.0168	0.0222	0.0338	0.0378	0.0412	0.0459	0.0510	0.0666	0.0814	0.1079	5.9403	0.0634
7	Cr-s	0.1021	0.1528	0.1590	0.1650	0.1747	0.1813	0.1863	0.1878	0.1904	0.2050	3.3074	0.1833
8	HB	-0.1345	-0.0687	-0.0535	-0.0399	-0.0228	-0.0163	-0.0119	-0.0088	0.0063	0.0361	3.1950	-0.0164
9	KL	-0.0919	0.0278	0.0317	0.0373	0.0401	0.0419	0.0437	0.0500	0.0537	0.0641	2.3506	0.0465
10	N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	PE	-0.0258	0.0089	0.0154	0.0184	0.0225	0.0268	0.0343	0.0520	0.0678	0.0929	6.0659	0.0473
12	PE-m	-0.0303	0.0068	0.0130	0.0159	0.0207	0.0256	0.0334	0.0536	0.0720	0.0994	6.8686	0.0489
13	P	-0.0617	0.0364	0.0539	0.0757	0.1027	0.1321	0.1386	0.1403	0.1545	0.1960	5.4694	0.1223
14	P-g	-0.1372	-0.0428	-0.0201	0.0229	0.0519	0.0682	0.0718	0.0994	0.1412	0.2323	16.931	0.1066
15	Q	0.0062	0.0406	0.0499	0.0627	0.0653	0.0668	0.0678	0.0702	0.0788	0.0989	2.6545	0.0709
16	WS	-0.0869	-0.0081	0.0079	0.0246	0.0490	0.0676	0.0732	0.0750	0.0888	0.1245	3.9063	0.0613

Table S3c. Non-Newtonian effect factor for all 16 rheological models at late diastole.

Non-Newtonian Effect Factor, NNEF, LATE DIASTOLE													
Number	Model	0 th = Minimum	1 st = 10% decile	2 nd = 20% decile	3 rd = 30% decile	4 th = 40% decile	5 th = 50% decile	6 th = 60% decile	7 th = 70% decile	8 th = 80% decile	9 th = 90% decile	10 th = Maximum	11 th = Average
1	C	-0.7393	-0.4813	0.2089	0.3248	0.3878	0.4888	0.6371	0.9256	1.4769	2.5705	77.472	0.9088
2	CY	-0.8100	-0.5178	0.1407	0.2229	0.2768	0.3650	0.5027	0.7668	1.2723	2.2608	74.594	0.7607
3	Cs	-0.9437	-0.5361	0.1155	0.2087	0.2460	0.3030	0.3837	0.5340	0.8347	1.4171	43.324	0.4742
4	Cs-m	-0.9552	-0.5107	0.1923	0.3240	0.3629	0.4292	0.5135	0.6614	0.9557	1.5583	38.761	0.5786
5	Cr	-0.9900	-0.7529	0.0422	0.0922	0.1335	0.2063	0.3206	0.5309	0.9506	1.7342	65.779	0.5073
6	Cr-m	-0.9894	-0.7715	0.1204	0.2041	0.2518	0.3298	0.4503	0.6794	1.1251	2.0047	65.898	0.6284
7	Cr-s	-0.9165	-0.3554	0.2012	0.3314	0.3783	0.4331	0.5071	0.6364	0.8985	1.4463	34.783	0.5742
8	HB	-0.9511	-0.5546	0.0523	0.1194	0.1538	0.2034	0.2723	0.3995	0.6509	1.1493	37.877	0.3405
9	KL	-0.9082	-0.4302	0.0563	0.1139	0.1415	0.1695	0.2135	0.2950	0.4625	0.7864	25.460	0.2403
10	N	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	PE	-0.9899	-0.7631	0.0975	0.1670	0.2125	0.2881	0.4079	0.6334	1.0730	1.9320	66.334	0.5926
12	PE-m	-0.7432	-0.4508	0.1211	0.1909	0.2432	0.3309	0.4706	0.7358	1.2497	2.2367	76.580	0.7516
13	P	-0.9170	-0.7211	0.3082	0.4685	0.5445	0.6647	0.8206	1.1125	1.6798	2.7982	73.286	1.0354
14	P-g	-0.1062	1.1124	1.3516	1.6748	2.1195	2.8737	3.3895	3.7610	5.6570	9.4982	143.23	4.1430
15	Q	-0.9368	-0.3862	0.0929	0.1803	0.2137	0.2570	0.3179	0.4353	0.6677	1.1199	33.441	0.3834
16	WS	-0.9801	-0.8044	0.1791	0.3044	0.3560	0.4413	0.5516	0.7570	1.1610	1.9476	54.340	0.6606

Table S4a. TAWSS for all 16 rheological models.

Time Average Wall Shear Stress, TAWSS													
Number	Model	Minimum	1 st decile	2 nd decile	3 rd decile	4 th decile	5 th decile	6 th decile	7 th decile	8 th decile	9 th decile	Maximum	Average
1	C	0.1854	0.3702	0.5604	0.7585	0.8819	0.8992	0.9143	0.9228	0.9446	1.1045	4.3356	0.8389
2	CY	0.1788	0.3569	0.5400	0.7327	0.8487	0.8654	0.8800	0.8883	0.9091	1.0670	4.2007	0.8088
3	Cs	0.1765	0.3525	0.5301	0.7248	0.8499	0.8689	0.8874	0.8969	0.9174	1.0738	4.3529	0.8121
4	Cs-m	0.1848	0.3688	0.5555	0.7584	0.8945	0.9155	0.9349	0.9457	0.9680	1.1281	4.5867	0.8534
5	Cr	0.1715	0.3422	0.5167	0.7043	0.8155	0.8313	0.8455	0.8536	0.8734	1.0296	4.0627	0.7782
6	Cr-m	0.1775	0.3544	0.5353	0.7285	0.8464	0.8638	0.8793	0.8879	0.9085	1.0664	4.2299	0.8072
7	Cr-s	0.1959	0.3911	0.5946	0.8210	0.9812	1.0039	1.0235	1.0349	1.0628	1.2479	4.9612	0.9338
8	HB	0.1595	0.3185	0.4701	0.6327	0.7288	0.7456	0.7632	0.7724	0.7888	0.9130	3.7823	0.6996
9	KL	0.1692	0.3379	0.5083	0.6956	0.8168	0.8355	0.8551	0.8651	0.8861	1.0442	4.2924	0.7844
10	N	0.1585	0.3166	0.4726	0.6541	0.7774	0.7956	0.8152	0.8253	0.8428	0.9914	4.2372	0.7433
11	PE	0.1748	0.3489	0.5268	0.7170	0.8315	0.8483	0.8634	0.8719	0.8919	1.0481	4.1596	0.7933
12	PE-m	0.1764	0.3522	0.5334	0.7238	0.8368	0.8529	0.8672	0.8753	0.8954	1.0520	4.1477	0.7977
13	P	0.1882	0.3757	0.5585	0.7442	0.8616	0.8785	0.8945	0.9035	0.9250	1.0605	4.1219	0.8185
14	P-g	0.2256	0.4524	0.6731	0.8664	1.0045	1.0101	1.0144	1.0176	1.0278	1.1702	4.2688	0.9332
15	Q	0.1745	0.3483	0.5236	0.7180	0.8447	0.8643	0.8834	0.8934	0.9135	1.0696	4.3841	0.8075
16	WS	0.1750	0.3494	0.5180	0.6936	0.8006	0.8187	0.8357	0.8450	0.8642	0.9949	3.9927	0.7649

Table S4b. OSI for all 16 rheological models.

Oscillatory Shear Index, OSI													
Number	Model	Minimum	1 st decile	2 nd decile	3 rd decile	4 th decile	5 th decile	6 th decile	7 th decile	8 th decile	9 th decile	Maximum	Average
1	C	0.0011	0.0667	0.1007	0.1269	0.1551	0.1844	0.2062	0.2221	0.2350	0.3288	0.3486	0.1786
2	CY	0.0012	0.0668	0.1015	0.1281	0.1579	0.1888	0.2113	0.2274	0.2413	0.3321	0.3522	0.1817
3	Cs	0.0006	0.0674	0.1033	0.1318	0.1608	0.1900	0.2120	0.2314	0.2476	0.3558	0.3761	0.1872
4	Cs-m	0.0003	0.0672	0.1019	0.1299	0.1567	0.1841	0.2052	0.2247	0.2395	0.3544	0.3742	0.1835
5	Cr	0.0013	0.0669	0.1022	0.1297	0.1613	0.1940	0.2174	0.2343	0.2500	0.3411	0.3615	0.1863
6	Cr-m	0.0010	0.0670	0.1019	0.1290	0.1587	0.1895	0.2120	0.2290	0.2436	0.3394	0.3595	0.1835
7	Cr-s	0.0004	0.0635	0.0971	0.1246	0.1506	0.1782	0.1987	0.2184	0.2332	0.3555	0.3751	0.1791
8	HB	0.0005	0.0734	0.1109	0.1403	0.1702	0.1992	0.2204	0.2412	0.2586	0.3625	0.3831	0.1952
9	KL	0.0003	0.0676	0.1046	0.1360	0.1668	0.1970	0.2205	0.2423	0.2615	0.3694	0.3902	0.1944
10	N	0.0001	0.0686	0.1078	0.1406	0.1715	0.2008	0.2238	0.2499	0.2727	0.3907	0.4114	0.2010
11	PE	0.0011	0.0670	0.1023	0.1295	0.1600	0.1914	0.2142	0.2310	0.2460	0.3397	0.3599	0.1846
12	PE-m	0.0013	0.0667	0.1014	0.1283	0.1586	0.1903	0.2131	0.2291	0.2432	0.3310	0.3511	0.1824
13	P	0.0008	0.0711	0.1047	0.1306	0.1558	0.1816	0.2013	0.2170	0.2288	0.3307	0.3499	0.1783
14	P-g	0.0028	0.0627	0.0921	0.1136	0.1388	0.1658	0.1824	0.1903	0.1957	0.2317	0.2497	0.1494
15	Q	0.0004	0.0675	0.1036	0.1325	0.1615	0.1907	0.2127	0.2333	0.2504	0.3621	0.3824	0.1889
16	WS	0.0006	0.0722	0.1075	0.1346	0.1617	0.1892	0.2096	0.2275	0.2415	0.3460	0.3659	0.1858

Table S4c. RRT for all 16 rheological models.

Relative Residence Time, RRT													
Number	Model	Minimum	1 st decile	2 nd decile	3 rd decile	4 th decile	5 th decile	6 th decile	7 th decile	8 th decile	9 th decile	Maximum	Average
1	C	0.2313	1.0423	1.3759	1.5926	1.7566	1.8802	2.0055	2.1279	2.5674	7.8963	9.3393	2.6108
2	CY	0.2388	1.0793	1.4365	1.6708	1.8480	1.9840	2.1191	2.2580	2.6622	8.3548	9.9264	2.7500
3	Cs	0.2302	1.0710	1.4228	1.6559	1.8362	1.9800	2.1417	2.3090	2.8185	9.8460	11.989	2.9737
4	Cs-m	0.2183	1.0196	1.3382	1.5471	1.7100	1.8433	1.9889	2.1356	2.7015	9.3166	11.287	2.8001
5	Cr	0.2469	1.1187	1.5020	1.7565	1.9521	2.1042	2.2553	2.4203	2.7937	9.2159	11.065	2.9611
6	Cr-m	0.2370	1.0790	1.4380	1.6729	1.8533	1.9904	2.1345	2.2827	2.7093	8.8008	10.523	2.8231
7	Cr-s	0.2019	0.9157	1.2004	1.3860	1.5321	1.6502	1.7818	1.9068	2.5079	8.8521	10.737	2.5888
8	HB	0.2648	1.2748	1.6924	1.9706	2.1855	2.3590	2.5655	2.7926	3.2524	11.425	14.028	3.4963
9	KL	0.2335	1.1001	1.4781	1.7360	1.9415	2.1123	2.3145	2.5266	3.0249	11.337	14.111	3.2870
10	N	0.2361	1.1623	1.5620	1.8397	2.0568	2.2474	2.4888	2.7669	3.3714	14.452	18.964	3.8445
11	PE	0.2411	1.0991	1.4681	1.7118	1.8971	2.0409	2.1879	2.3420	2.7480	8.9557	10.723	2.8800
12	PE-m	0.2419	1.0947	1.4607	1.7012	1.8840	2.0243	2.1613	2.3040	2.6879	8.4051	9.9804	2.7844
13	P	0.2432	1.0934	1.4138	1.6182	1.7739	1.8935	2.0154	2.1333	2.6312	7.8668	9.2669	2.6302
14	P-g	0.2360	0.9746	1.2532	1.4089	1.5092	1.5636	1.6021	1.6320	1.9710	4.1204	4.6292	1.8255
15	Q	0.2284	1.0753	1.4292	1.6633	1.8463	1.9958	2.1660	2.3457	2.8802	10.421	12.790	3.0711
16	WS	0.2509	1.1682	1.5267	1.7597	1.9390	2.0810	2.2367	2.3970	2.8869	9.3018	11.151	2.9798