Supplementary Material: Detailed Results for Experiment 2 (EXP2)

Jinhua Xu[1], Davide Anguita[1], Fabio Roli[1,2], Jing Yuan[3], and Luca Oneto[1]

Overview

This document contains the detailed experimental results for EXP2. The tables below report the performance metrics (Fidelity, Consistency, and Robustness) for all ensembling strategies across different datasets and deep learning model architectures.

1 ImageNet Results

Table 1: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 5, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.5204	0.6326	0.6676	0.9340	**0.1636**	**0.0974**	0.4988	0.0014	**0.0558**	**0.0346**
SimpleAvg	0.5344	0.6308	0.6898	0.9064	0.1982	0.1642	0.5078	0.0322	0.0648	0.0534
Borda (NAIVE)	0.5318	0.6346	0.6806	0.9454	0.1912	0.1550	0.5052	0.0232	0.0606	0.0456
Borda (THEORY)	0.5180	0.6340	0.6616	0.9366	0.1970	0.1694	0.4934	0.0124	0.0668	0.0622
RRF (NAIVE)	0.5368	0.6338	0.6906	0.9448	0.1950	0.1506	0.5100	0.0250	0.0608	0.0462
RRF (THEORY)	**0.5142**	0.6344	**0.6530**	0.9328	0.1968	0.1642	**0.4912**	**0.0004**	0.0632	0.0594
Schulze (NAIVE)	0.5576	0.6332	0.7260	0.9354	0.1918	0.1472	0.5272	0.0462	0.0680	0.0474
Schulze (THEORY)	0.5156	0.6342	0.6544	0.9338	0.1982	0.1648	0.4926	0.0016	0.0610	0.0538
Kemeny-Young (NAIVE)	0.5290	**0.6364**	0.6738	**0.9468**	0.1922	0.1504	0.5036	0.0166	0.0618	0.0484
Kemeny-Young (THEORY)	0.5182	0.6360	0.6596	0.9380	0.1916	0.1596	0.4926	0.0044	0.0620	0.0502

Table 2: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 10, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.4608	0.6288	0.5712	0.9062	**0.1896**	**0.1608**	0.4486	**0.0020**	**0.0554**	**0.0382**
SimpleAvg	0.4716	0.6232	0.5854	0.8692	0.2030	0.1802	0.4544	0.0246	0.0664	0.0538
Borda (NAIVE)	0.4640	0.6288	0.5772	0.9184	0.2034	0.1772	0.4488	0.0168	0.0650	0.0594
Borda (THEORY)	0.4332	**0.6316**	0.5362	0.9184	0.1984	0.1778	0.4214	0.0236	0.0640	0.0644
RRF (NAIVE)	0.4682	0.6304	0.5788	0.9188	0.1964	0.1658	0.4492	0.0126	0.0638	0.0416
RRF (THEORY)	**0.4302**	0.6290	**0.5316**	0.9028	0.2032	0.1842	**0.4182**	0.0274	0.0696	0.0694
Schulze (NAIVE)	0.4902	0.6260	0.6180	0.9050	0.1980	0.1650	0.4694	0.0502	0.0582	0.0442
Schulze (THEORY)	0.4306	0.6272	0.5350	0.9022	0.1940	0.1740	0.4190	0.0236	0.0634	0.0648
Kemeny-Young (NAIVE)	0.4586	0.6258	0.5704	0.9134	0.2040	0.1786	0.4434	0.0086	0.0650	0.0540
Kemeny-Young (THEORY)	0.4426	0.6310	0.5420	**0.9196**	0.1934	0.1704	0.4294	0.0226	0.0728	0.0646

Table 3: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 20, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.3412	0.6176	**0.3412**	0.8644	0.1722	0.1604	0.3322	0.0680	0.0556	0.0466
SimpleAvg	0.3694	0.6140	0.4466	0.8262	0.1868	0.1738	0.3604	0.0280	0.0622	0.0512
Borda (NAIVE)	0.3546	**0.6230**	0.4314	**0.8690**	0.1842	0.1728	0.3456	0.0454	0.0594	0.0482
Borda (THEORY)	0.3090	0.6174	0.3738	0.8478	0.1698	0.1572	0.3010	0.1048	0.0586	0.0600
RRF (NAIVE)	0.3722	**0.6230**	0.4516	0.8684	0.1936	0.1742	0.3616	0.0256	0.0660	0.0526
RRF (THEORY)	**0.3034**	0.6178	0.3694	0.8610	**0.1676**	**0.1558**	**0.2972**	0.0246	0.0606	0.0518
Schulze (NAIVE)	0.3880	0.6158	0.4696	0.8534	0.1964	0.1808	0.3786	0.0106	0.0650	0.0468
Schulze (THEORY)	0.3072	0.6166	0.3688	0.8566	0.1726	0.1598	0.3054	**0.0036**	0.0592	**0.0460**
Kemeny-Young (NAIVE)	0.3536	0.6220	0.4264	0.8682	0.1840	0.1702	0.3450	0.0480	0.0626	0.0494
Kemeny-Young (THEORY)	0.3204	0.6170	0.3834	0.8512	0.1740	0.1612	0.3134	0.0642	0.0520	0.0532

Table 4: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 40, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.1628	0.5916	0.1926	0.7838	0.0960	**0.0906**	0.1582	**0.0068**	0.0410	0.0422
SimpleAvg	0.2304	0.5794	0.2786	0.7422	0.1404	0.1434	0.2256	0.1454	0.0496	0.0514
Borda (NAIVE)	0.2096	**0.6028**	0.2524	**0.7982**	0.1262	0.1226	0.2042	0.1728	0.0474	0.0432
Borda (THEORY)	**0.1420**	0.5922	**0.1722**	0.7818	**0.0950**	0.0960	**0.1384**	0.2478	0.0384	0.0352
RRF (NAIVE)	0.2208	0.5984	0.2658	0.7972	0.1374	0.1374	0.2152	0.1610	0.0480	0.0492
RRF (THEORY)	0.1474	0.5928	0.1776	0.7822	0.1008	0.1024	0.1432	0.2448	**0.0360**	0.0370
Schulze (NAIVE)	0.2428	0.5914	0.2934	0.7802	0.1410	0.1416	0.2372	0.1318	0.0418	0.0438
Schulze (THEORY)	0.1452	0.5942	0.1752	0.7788	0.0964	0.0966	0.1414	0.2436	0.0384	0.0360
Kemeny-Young (NAIVE)	0.2068	0.5952	0.2448	0.7890	0.1256	0.1202	0.2022	0.1794	0.0406	0.0340
Kemeny-Young (THEORY)	0.1626	0.5910	0.1950	0.7814	0.1068	0.1050	0.1586	0.2236	0.0380	**0.0332**

Table 5: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.0854	0.5530	0.1038	0.7044	0.0610	0.0620	0.0824	**0.0426**	0.0200	0.0228
SimpleAvg	0.1394	0.5398	0.1706	0.6750	0.0950	0.0978	0.1366	0.2398	0.0308	0.0332
Borda (NAIVE)	0.1292	0.5614	0.1578	0.7262	0.0874	0.0882	0.1262	0.2540	0.0314	0.0314
Borda (THEORY)	0.0700	0.5496	0.0866	0.7046	0.0526	0.0550	0.0672	0.3214	**0.0174**	0.0210
RRF (NAIVE)	0.1330	**0.5696**	0.1626	0.7268	0.0880	0.0892	0.1300	0.2486	0.0298	0.0306
RRF (THEORY)	0.0762	0.5482	0.0922	0.7036	0.0578	0.0602	0.0738	0.3160	0.0216	0.0232
Schulze (NAIVE)	0.1420	0.5524	0.1762	0.7034	0.0894	0.0938	0.1388	0.2376	0.0244	0.0296
Schulze (THEORY)	**0.0684**	0.5528	**0.0836**	0.7048	**0.0518**	**0.0542**	**0.0656**	0.3254	0.0178	**0.0170**
Kemeny-Young (NAIVE)	0.1268	0.5648	0.1582	**0.7324**	0.0878	0.0906	0.1234	0.2526	0.0260	0.0280
Kemeny-Young (THEORY)	0.0860	0.5498	0.1060	0.7044	0.0624	0.0652	0.0834	0.3004	0.0210	0.0198

Table 6: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.5278	0.6318	0.6832	0.9282	**0.1684**	**0.1024**	0.5024	0.0184	**0.0578**	**0.0260**
SimpleAvg	0.5154	0.6270	0.6518	0.9026	0.1976	0.1664	0.4954	0.0440	0.0642	0.0504
Borda (NAIVE)	0.5128	**0.6340**	0.6512	0.9402	0.1948	0.1664	0.4908	0.0342	0.0620	0.0554
Borda (THEORY)	0.4942	0.6324	0.6206	0.9372	0.2064	0.1788	0.4748	0.0038	0.0632	0.0616
RRF (NAIVE)	0.5166	0.6308	0.6574	0.9386	0.1904	0.1576	0.4956	0.0340	0.0682	0.0552
RRF (THEORY)	**0.4892**	0.6316	**0.6132**	0.9276	0.2012	0.1754	**0.4692**	0.0080	0.0602	0.0572
Schulze (NAIVE)	0.5414	0.6330	0.7014	0.9316	0.1962	0.1588	0.5142	0.0672	0.0684	0.0486
Schulze (THEORY)	0.4958	0.6308	0.6242	0.9286	0.2010	0.1732	0.4762	**0.0000**	0.0658	0.0622
Kemeny-Young (NAIVE)	0.5092	0.6332	0.6468	0.9412	0.1946	0.1676	0.4870	0.0288	0.0616	0.0574
Kemeny-Young (THEORY)	0.4962	0.6304	0.6228	**0.9432**	0.1994	0.1746	0.4756	0.0052	0.0614	0.0566

Table 7: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.4414	0.6258	0.5446	0.8970	0.1900	**0.1590**	0.4278	0.0126	**0.0548**	**0.0400**
SimpleAvg	0.4390	0.6194	0.5482	0.8618	0.1962	0.1820	0.4254	0.0174	0.0556	0.0518
Borda (NAIVE)	0.4324	0.6270	0.5326	0.9084	0.1930	0.1734	0.4188	0.0054	0.0572	0.0528
Borda (THEORY)	0.4098	0.6254	0.4996	0.8878	0.2052	0.1862	0.3986	0.0340	0.0700	0.0668
RRF (NAIVE)	0.4400	0.6272	0.5422	**0.9162**	0.1948	0.1712	0.4254	0.0074	0.0568	0.0498
RRF (THEORY)	**0.4032**	0.6244	**0.4908**	0.8938	0.2002	0.1758	**0.3910**	0.0510	0.0680	0.0606
Schulze (NAIVE)	0.4718	0.6232	0.5816	0.8952	0.2044	0.1780	0.4554	0.0398	0.0622	0.0464
Schulze (THEORY)	0.4064	0.6248	0.4956	0.8952	0.2016	0.1840	0.3944	0.0480	0.0630	0.0596
Kemeny-Young (NAIVE)	0.4300	**0.6286**	0.5308	0.9118	0.1934	0.1738	0.4166	**0.0002**	0.0562	0.0534
Kemeny-Young (THEORY)	0.4108	0.6280	0.5028	0.9084	**0.1882**	0.1666	0.3990	0.0238	0.0584	0.0582

Table 8: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.2954	0.6108	0.3486	0.8400	0.1584	0.1454	0.2884	**0.0126**	0.0488	0.0352
SimpleAvg	0.3348	0.6078	0.3998	0.8068	0.1748	0.1634	0.3274	0.0540	0.0624	0.0518
Borda (NAIVE)	0.3146	**0.6168**	0.3760	0.8526	0.1660	0.1586	0.3072	0.0834	0.0564	0.0472
Borda (THEORY)	0.2696	0.6066	0.3188	0.8298	0.1586	0.1500	0.2622	0.1420	0.0586	0.0538
RRF (NAIVE)	0.3296	0.6154	0.3956	**0.8600**	0.1754	0.1722	0.3220	0.0652	0.0650	0.0530
RRF (THEORY)	**0.2610**	0.6112	**0.3086**	0.8408	**0.1522**	0.1414	**0.2526**	0.1634	0.0538	0.0480
Schulze (NAIVE)	0.3480	0.6112	0.4234	0.8404	0.1780	0.1752	0.3406	0.0362	0.0562	0.0452
Schulze (THEORY)	0.2712	0.6122	0.3222	0.8410	0.1594	0.1472	0.2630	0.1512	0.0588	0.0564
Kemeny-Young (NAIVE)	0.3124	0.6156	0.3692	0.8554	0.1664	0.1544	0.3042	0.0922	0.0574	0.0454
Kemeny-Young (THEORY)	0.2746	0.6146	0.3254	0.8570	0.1542	**0.1390**	0.2676	0.1284	**0.0422**	**0.0326**

Table 9: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.1214	0.5744	0.1490	0.7492	0.0766	0.0806	0.1174	**0.0626**	0.0314	0.0276
SimpleAvg	0.1808	0.5704	0.2202	0.7286	0.1124	0.1148	0.1770	0.1982	0.0408	0.0412
Borda (NAIVE)	0.1650	0.5926	0.1998	0.7802	0.1002	0.0950	0.1608	0.2220	0.0368	0.0366
Borda (THEORY)	**0.1028**	0.5766	**0.1260**	0.7462	**0.0676**	**0.0690**	**0.1008**	0.2852	0.0236	0.0248
RRF (NAIVE)	0.1720	**0.5948**	0.2044	**0.7864**	0.1042	0.0992	0.1682	0.2170	0.0334	0.0312
RRF (THEORY)	0.1088	0.5762	0.1340	0.7450	0.0746	0.0762	0.1048	0.2858	0.0268	0.0294
Schulze (NAIVE)	0.1944	0.5766	0.2372	0.7536	0.1170	0.1232	0.1894	0.1846	0.0410	0.0394
Schulze (THEORY)	0.1070	0.5758	0.1306	0.7494	0.0724	0.0746	0.1032	0.2912	0.0260	0.0292
Kemeny-Young (NAIVE)	0.1610	0.5902	0.1932	0.7718	0.0914	0.0894	0.1572	0.2250	0.0342	0.0330
Kemeny-Young (THEORY)	0.1198	0.5816	0.1442	0.7572	0.0764	0.0766	0.1174	0.2704	**0.0206**	**0.0162**

Table 10: EXP2 Detailed Results: **ImageNet** with **ResNet-18** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.0548	0.5208	0.0674	0.6530	0.0370	0.0352	0.0522	**0.0182**	0.0156	0.0152
SimpleAvg	0.1008	0.5266	0.1244	0.6528	0.0680	0.0718	0.0986	0.2826	0.0256	0.0270
Borda (NAIVE)	0.0906	0.5388	0.1102	0.6780	0.0606	0.0594	0.0880	0.2998	0.0202	0.0166
Borda (THEORY)	0.0480	0.5270	**0.0598**	0.6584	**0.0358**	0.0364	0.0464	0.3468	0.0152	**0.0146**
RRF (NAIVE)	0.0914	**0.5576**	0.1144	**0.7088**	0.0606	0.0616	0.0888	0.2948	0.0228	0.0206
RRF (THEORY)	0.0522	0.5266	0.0648	0.6590	0.0384	0.0400	0.0496	0.3448	0.0172	0.0168
Schulze (NAIVE)	0.1066	0.5244	0.1322	0.6608	0.0682	0.0718	0.1044	0.2774	0.0184	0.0192
Schulze (THEORY)	**0.0474**	0.5230	0.0600	0.6534	0.0362	**0.0350**	**0.0446**	0.3492	**0.0128**	0.0148
Kemeny-Young (NAIVE)	0.0918	0.5452	0.1140	0.6918	0.0586	0.0626	0.0888	0.2958	0.0232	0.0260
Kemeny-Young (THEORY)	0.0612	0.5356	0.0756	0.6736	0.0424	0.0436	0.0596	0.3290	0.0160	0.0168

Table 11: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 5, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.6424**	0.7204	0.7462	0.9470	**0.1100**	**0.0764**	0.4410	0.1452	**0.0362**	**0.0172**
SimpleAvg	0.6536	0.7152	0.7704	0.9144	0.1362	0.1158	0.4630	0.2046	0.0496	0.0476
Borda (NAIVE)	0.6564	**0.7226**	0.7674	0.9472	0.1260	0.0976	0.4560	0.1924	0.0444	0.0312
Borda (THEORY)	0.6444	0.7202	**0.7372**	0.9486	0.1274	0.0922	0.4414	**0.1386**	0.0390	0.0208
RRF (NAIVE)	0.6610	0.7212	0.7800	**0.9542**	0.1268	0.0976	0.4594	0.1978	0.0480	0.0364
RRF (THEORY)	0.6442	0.7178	0.7408	0.9474	0.1230	0.0878	0.4446	0.1856	0.0416	0.0212
Schulze (NAIVE)	0.6720	0.7198	0.8034	0.9498	0.1290	0.1034	0.4690	0.2162	0.0490	0.0502
Schulze (THEORY)	0.6442	0.7206	**0.7372**	0.9446	0.1272	0.0928	**0.4396**	0.1834	0.0364	0.0196
Kemeny-Young (NAIVE)	0.6612	0.7220	0.7664	0.9472	0.1276	0.0996	0.4612	0.1998	0.0512	0.0314
Kemeny-Young (THEORY)	0.6454	0.7194	0.7452	0.9480	0.1214	0.0916	0.4446	0.1854	0.0410	0.0248

Table 12: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 10, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.6000	0.7162	0.6790	0.9238	**0.1294**	**0.1066**	0.4300	**0.1920**	0.0496	0.0342
SimpleAvg	0.6034	0.7092	0.6918	0.8846	0.1498	0.1408	0.4478	0.2478	0.0632	0.0584
Borda (NAIVE)	0.6092	0.7150	0.6944	0.9310	0.1338	0.1122	0.4450	0.2464	**0.0464**	**0.0314**
Borda (THEORY)	0.5932	0.7132	0.6684	0.9198	0.1444	0.1150	0.4278	0.2308	0.0514	0.0374
RRF (NAIVE)	0.6210	**0.7172**	0.7118	**0.9322**	0.1460	0.1238	0.4580	0.2574	0.0588	0.0456
RRF (THEORY)	**0.5886**	0.7128	**0.6654**	0.9230	0.1372	0.1152	0.4292	0.2430	0.0530	0.0398
Schulze (NAIVE)	0.6294	0.7154	0.7258	0.9268	0.1542	0.1316	0.4580	0.2658	0.0570	0.0458
Schulze (THEORY)	0.5924	0.7146	0.6708	0.9268	0.1480	0.1260	**0.4268**	0.2326	0.0520	0.0380
Kemeny-Young (NAIVE)	0.6068	0.7156	0.6904	0.9308	0.1358	0.1208	0.4454	0.2482	0.0470	0.0316
Kemeny-Young (THEORY)	0.5932	0.7144	0.6710	0.9196	0.1432	0.1154	0.4336	0.2476	0.0540	0.0384

Table 13: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 20, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.5234	0.7068	0.5824	0.8924	**0.1500**	**0.1374**	0.4036	**0.2150**	0.0572	0.0462
SimpleAvg	0.5334	0.6972	0.5982	0.8460	0.1638	0.1676	0.4234	0.2740	0.0738	0.0646
Borda (NAIVE)	0.5336	0.7044	0.5954	0.8866	0.1636	0.1610	0.4154	0.2692	0.0630	0.0548
Borda (THEORY)	0.5192	0.7076	0.5706	0.8858	0.1650	0.1500	0.4072	0.2790	0.0608	**0.0458**
RRF (NAIVE)	0.5356	0.7082	0.6014	**0.9018**	0.1632	0.1512	0.4124	0.2732	**0.0568**	0.0476
RRF (THEORY)	**0.5152**	0.7074	**0.5676**	0.8858	0.1570	0.1492	**0.4020**	0.2716	0.0694	0.0578
Schulze (NAIVE)	0.5452	0.7068	0.6130	0.8924	0.1606	0.1476	0.4280	0.2798	0.0650	0.0552
Schulze (THEORY)	0.5240	**0.7092**	0.5816	0.8878	0.1674	0.1596	0.4042	0.2716	0.0668	0.0600
Kemeny-Young (NAIVE)	0.5304	0.7046	0.5892	0.8882	0.1650	0.1566	0.4148	0.2682	0.0594	0.0540
Kemeny-Young (THEORY)	**0.520**0	0.7048	0.5744	0.8856	0.1574	0.1516	0.4110	0.2826	0.0636	0.0528

Table 14: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 40, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.3764**	0.6890	**0.4110**	0.8408	0.1552	**0.1492**	**0.3096**	**0.2114**	**0.0530**	**0.0512**
SimpleAvg	0.4090	0.6778	0.4528	0.7950	0.1740	0.1766	0.3430	0.2474	0.0680	0.0686
Borda (NAIVE)	0.4198	0.6916	0.4574	0.8488	0.1650	0.1602	0.3526	0.2494	0.0740	0.0684
Borda (THEORY)	0.3920	0.6894	0.4274	0.8456	0.1698	0.1710	0.3314	0.2434	0.0648	0.0604
RRF (NAIVE)	0.4186	**0.6944**	0.4584	**0.8548**	0.1702	0.1680	0.3538	0.2578	0.0664	0.0604
RRF (THEORY)	0.3892	0.6902	0.4282	0.8460	0.1560	0.1566	0.3272	0.2460	0.0670	0.0620
Schulze (NAIVE)	0.4276	0.6846	0.4722	0.8334	0.1734	0.1724	0.3634	0.2662	0.0682	0.0650
Schulze (THEORY)	0.3916	0.6894	0.4254	0.8392	0.1648	0.1608	0.3214	0.2322	0.0648	0.0554
Kemeny-Young (NAIVE)	0.4100	0.6922	0.4494	0.8498	**0.1550**	0.1544	0.3446	0.2470	0.0658	0.0622
Kemeny-Young (THEORY)	0.3922	0.6896	0.4262	0.8438	0.1610	0.1570	0.3312	0.2346	0.0624	0.0574

Table 15: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.2694**	0.6670	**0.2930**	0.8000	**0.1276**	**0.1258**	**0.2298**	**0.1604**	**0.0442**	**0.0434**
SimpleAvg	0.3194	0.6478	0.3532	0.7512	0.1598	0.1648	0.2760	0.2032	0.0658	0.0682
Borda (NAIVE)	0.3270	0.6698	0.3538	0.8072	0.1540	0.1470	0.2824	0.2094	0.0630	0.0580
Borda (THEORY)	0.2780	0.6656	0.2998	0.8024	0.1388	0.1386	0.2408	0.1806	0.0540	0.0514
RRF (NAIVE)	0.3292	**0.6764**	0.3564	**0.8176**	0.1556	0.1546	0.2876	0.2088	0.0716	0.0660
RRF (THEORY)	0.2914	0.6658	0.3210	0.7988	0.1408	0.1406	0.2512	0.1888	0.0532	0.0556
Schulze (NAIVE)	0.3356	0.6594	0.3670	0.7870	0.1590	0.1644	0.2944	0.2218	0.0646	0.0634
Schulze (THEORY)	0.2852	0.6640	0.3084	0.7946	0.1430	0.1430	0.2442	0.1772	0.0502	0.0516
Kemeny-Young (NAIVE)	0.3256	0.6722	0.3530	0.8104	0.1538	0.1490	0.2820	0.2098	0.0674	0.0654
Kemeny-Young (THEORY)	0.3000	0.6648	0.3262	0.7976	0.1516	0.1540	0.2602	0.2014	0.0554	0.0540

Table 16: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.6620	0.7190	0.7860	0.9412	**0.1282**	**0.0960**	0.4584	**0.1766**	0.0460	0.0350
SimpleAvg	0.6422	0.7140	0.7478	0.9134	0.1394	0.1200	0.4630	0.2246	0.0542	0.0478
Borda (NAIVE)	0.6492	0.7182	0.7546	0.9450	0.1340	0.0966	0.4594	0.2152	0.0472	0.0338
Borda (THEORY)	0.6382	0.7184	**0.7248**	0.9402	0.1356	0.0984	0.4480	0.2038	0.0508	0.0348
RRF (NAIVE)	0.6556	0.7172	0.7626	**0.9462**	0.1384	0.1024	0.4634	0.2244	0.0510	0.0330
RRF (THEORY)	0.6372	0.7164	0.7250	0.9394	0.1382	0.0992	0.4484	0.2050	0.0522	0.0358
Schulze (NAIVE)	0.6594	0.7148	0.7832	0.9420	0.1376	0.1138	0.4604	0.2332	0.0492	0.0446
Schulze (THEORY)	**0.6358**	0.7154	0.7316	0.9380	0.1330	0.1050	**0.4408**	0.1982	**0.0456**	**0.0260**
Kemeny-Young (NAIVE)	0.6498	0.7180	0.7536	**0.9462**	0.1404	0.1032	0.4624	0.2224	0.0470	0.0330
Kemeny-Young (THEORY)	0.6404	**0.7214**	0.7332	0.9446	0.1356	0.1052	0.4496	0.2086	0.0524	0.0350

Table 17: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.6104	0.7134	0.7090	0.9164	**0.1470**	0.1374	0.4486	**0.2430**	**0.0476**	0.0454
SimpleAvg	0.5878	0.7074	0.6712	0.8828	0.1570	0.1538	0.4408	0.2594	0.0680	0.0634
Borda (NAIVE)	0.5918	0.7152	0.6790	0.9244	0.1512	0.1324	0.4396	0.2632	0.0530	0.0430
Borda (THEORY)	0.5802	0.7162	**0.6444**	0.9164	0.1490	**0.1248**	0.4326	0.2440	0.0570	0.0426
RRF (NAIVE)	0.5988	**0.7176**	0.6840	0.9236	0.1594	0.1402	0.4476	0.2600	0.0620	0.0576
RRF (THEORY)	**0.5770**	0.7138	0.6472	0.9188	0.1528	0.1374	**0.4310**	0.2552	0.0548	0.0450
Schulze (NAIVE)	0.6072	0.7108	0.7004	0.9168	0.1550	0.1464	0.4546	0.2740	0.0604	0.0538
Schulze (THEORY)	0.5808	0.7120	0.6468	0.9160	0.1478	0.1254	0.4324	0.2442	0.0584	0.0440
Kemeny-Young (NAIVE)	0.5936	0.7170	0.6714	**0.9262**	0.1598	0.1358	0.4428	0.2634	0.0586	0.0416
Kemeny-Young (THEORY)	0.5802	0.7166	0.6536	**0.9262**	0.1510	0.1356	0.4336	0.2530	0.0528	**0.0392**

Table 18: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.5266	**0.7052**	0.5916	0.8866	0.1710	**0.1626**	0.4196	0.2766	0.0598	0.0532
SimpleAvg	0.5032	0.6952	0.5624	0.8394	0.1740	0.1786	0.4036	0.2704	0.0728	0.0730
Borda (NAIVE)	0.5082	0.7044	0.5598	0.8848	0.1856	0.1784	0.4058	0.2680	0.0680	0.0596
Borda (THEORY)	**0.4908**	0.7028	0.5398	0.8860	0.1750	0.1694	0.3918	**0.2558**	**0.0584**	**0.0480**
RRF (NAIVE)	0.5176	0.7050	0.5766	**0.8932**	0.1796	0.1764	0.4168	0.2854	0.0692	0.0658
RRF (THEORY)	0.4912	0.7038	**0.5382**	0.8836	**0.1686**	0.1658	0.3960	0.2696	0.0708	0.0632
Schulze (NAIVE)	0.5320	0.7040	0.5930	0.8796	0.1834	0.1798	0.4312	0.2986	0.0812	0.0776
Schulze (THEORY)	0.4942	0.7022	0.5436	0.8872	0.1730	0.1684	**0.3872**	0.2672	0.0650	0.0592
Kemeny-Young (NAIVE)	0.5064	0.7044	0.5586	0.8880	0.1790	0.1706	0.4036	0.2686	0.0698	0.0640
Kemeny-Young (THEORY)	0.4924	0.7030	0.5472	0.8850	0.1768	0.1774	0.3952	0.2758	0.0604	0.0546

Table 19: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.3918	0.6792	0.4332	0.8240	0.1760	0.1772	0.3414	0.2512	0.0686	0.0700
SimpleAvg	0.3688	0.6604	0.4048	0.7866	0.1680	0.1738	0.3156	0.2262	0.0730	0.0744
Borda (NAIVE)	0.3740	0.6798	0.4110	0.8318	0.1602	0.1614	0.3202	0.2308	0.0600	0.0596
Borda (THEORY)	**0.3334**	0.6788	**0.3626**	0.8108	**0.1498**	0.1528	**0.2820**	**0.1808**	0.0584	0.0532
RRF (NAIVE)	0.3724	0.6846	0.4108	0.8380	0.1626	0.1682	0.3194	0.2344	0.0690	0.0672
RRF (THEORY)	0.3466	0.6776	0.3780	0.8178	0.1596	0.1598	0.2976	0.2182	0.0596	0.0564
Schulze (NAIVE)	0.3852	0.6806	0.4286	0.8192	0.1732	0.1788	0.3344	0.2532	0.0704	0.0724
Schulze (THEORY)	0.3424	0.6794	0.3704	0.8178	0.1536	0.1520	0.2896	0.2068	0.0584	0.0532
Kemeny-Young (NAIVE)	0.3678	0.6874	0.4020	0.8376	0.1560	0.1598	0.3162	0.2272	0.0602	0.0560
Kemeny-Young (THEORY)	0.3520	**0.6886**	0.3844	**0.8408**	0.1500	**0.1462**	0.3030	0.2186	**0.0494**	**0.0450**

Table 20: EXP2 Detailed Results: **ImageNet** with **DenseNet-121** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.2866	0.6456	0.3162	0.7648	0.1452	0.1460	0.2570	0.1848	0.0562	0.0550
SimpleAvg	0.2750	0.6232	0.3030	0.7292	0.1438	0.1452	0.2424	0.1726	0.0636	0.0636
Borda (NAIVE)	0.2736	0.6498	0.2968	0.7770	0.1372	0.1392	0.2410	0.1690	0.0544	0.0486
Borda (THEORY)	**0.2258**	0.6460	**0.2420**	0.7678	**0.1156**	**0.1152**	**0.1972**	**0.1222**	**0.0406**	**0.0368**
RRF (NAIVE)	0.2790	0.6536	0.3022	0.7816	0.1476	0.1474	0.2502	0.1710	0.0664	0.0640
RRF (THEORY)	0.2454	0.6456	0.2656	0.7630	0.1218	0.1218	0.2180	0.1500	0.0518	0.0480
Schulze (NAIVE)	0.2846	0.6382	0.3138	0.7614	0.1472	0.1552	0.2524	0.1826	0.0644	0.0640
Schulze (THEORY)	0.2358	0.6420	0.2520	0.7624	0.1170	0.1158	0.2068	0.1340	0.0462	0.0430
Kemeny-Young (NAIVE)	0.2680	0.6532	0.2930	0.7804	0.1332	0.1370	0.2380	0.1672	0.0534	0.0536
Kemeny-Young (THEORY)	0.2548	**0.6684**	0.2736	**0.8004**	0.1316	0.1322	0.2266	0.1558	0.0470	0.0408

2 DermaMNIST Results

Table 21: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 5, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.64905	**0.73679**	0.78365	0.99601	**0.00100**	**0.00000**	**0.06281**	**0.00100**	**0.00000**	**0.00000**
SimpleAvg	0.68096	0.73081	0.84945	0.98704	0.03888	0.01196	0.12164	**0.00100**	0.01296	0.01396
Borda (NAIVE)	0.64407	0.73280	0.76471	0.99302	0.01296	0.03290	0.09970	0.03988	0.00997	0.01296
Borda (THEORY)	0.62213	0.73380	0.72981	0.99103	0.00399	0.05284	0.08275	0.07079	0.01894	0.04487
RRF (NAIVE)	0.64207	0.73180	0.78764	**0.99801**	0.01595	0.00897	0.08275	0.01994	0.00399	0.01296
RRF (THEORY)	**0.61914**	0.73380	0.74177	0.99601	0.00499	0.04586	0.08175	0.02991	0.01496	0.00499
Schulze (NAIVE)	0.66899	0.73081	0.81555	0.99501	0.02393	0.00997	0.09472	0.02094	0.01396	0.00299
Schulze (THEORY)	0.62812	0.73380	0.75673	0.99202	0.02193	0.10269	0.09771	0.01595	0.01196	0.00199
Kemeny-Young (NAIVE)	0.63310	0.73380	0.74975	0.99302	0.00798	0.04487	0.09073	0.05284	0.00299	0.02592
Kemeny-Young (THEORY)	0.62313	0.73180	**0.72084**	0.99402	0.00698	0.06181	0.09073	0.07777	0.00598	0.05484

Table 22: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 10, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.59422	**0.73679**	0.69492	0.99003	**0.00100**	**0.00000**	**0.01097**	0.00698	**0.00100**	**0.00698**
SimpleAvg	0.62413	0.72582	0.77069	0.98006	0.01196	0.00499	0.11665	**0.00399**	0.00598	**0.00698**
Borda (NAIVE)	0.57727	0.73380	0.67697	0.98804	0.01097	0.01994	0.07079	0.05783	0.01795	0.01296
Borda (THEORY)	**0.55434**	0.73579	0.62313	0.99003	0.01695	0.07079	0.10070	0.06580	0.03290	0.06082
RRF (NAIVE)	0.59721	0.73081	0.70489	0.98903	0.02393	0.00399	0.07278	0.04586	0.01894	0.01595
RRF (THEORY)	0.56032	0.73480	0.66700	**0.99202**	0.01396	0.03988	0.07478	0.03988	0.00399	**0.00698**
Schulze (NAIVE)	0.61316	0.73380	0.74078	0.98903	0.01097	0.01097	0.08375	0.04387	**0.00100**	0.01496
Schulze (THEORY)	0.56730	0.73380	0.62413	0.98305	**0.00100**	0.06381	0.15354	0.00598	0.00499	0.01795
Kemeny-Young (NAIVE)	0.57527	0.73380	0.67498	0.98804	0.00399	0.02891	0.07278	0.04187	0.01695	0.01296
Kemeny-Young (THEORY)	**0.55434**	0.73480	**0.62213**	0.98903	0.01196	0.08873	0.08574	0.08973	0.00399	0.02193

Table 23: EXP2 Detailed Results: **DermaMNIST** with **ResNet-18** ($k = 20, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.51844	0.73180	0.58724	0.98205	0.01097	0.00300	0.03290	0.01795	0.00199	0.00199
SimpleAvg	0.57328	0.71486	0.69492	0.95912	0.05284	0.03589	0.13061	0.00399	0.00697	0.00100
Borda (NAIVE)	0.51346	0.72782	0.58624	0.98006	0.00099	0.00797	0.08175	0.05384	0.01396	0.01894
Borda (THEORY)	0.49252	0.73280	0.56830	0.98205	0.00499	0.00100	0.09870	0.00499	0.00499	0.00698
RRF (NAIVE)	0.52941	0.72782	0.60518	0.98006	0.00697	0.00499	0.07178	0.07079	0.00100	0.00399
RRF (THEORY)	0.47856	0.72981	0.53838	0.98106	0.00100	0.00698	0.06580	0.00100	0.00300	0.00199
Schulze (NAIVE)	0.54736	0.72782	0.65703	0.97906	0.01894	0.01795	0.06281	0.06281	0.69791	0.01795
Schulze (THEORY)	0.49053	0.73679	0.54736	0.98205	0.00399	0.00997	0.06780	0.02991	0.00100	0.00200
Kemeny-Young (NAIVE)	0.50548	0.72981	0.57527	0.98205	0.00997	0.02592	0.09870	0.04786	0.01496	0.00698
Kemeny-Young (THEORY)	0.49950	0.72981	0.56929	0.98205	0.00499	0.00798	0.09870	0.02293	0.01296	0.00698

Table 24: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 40, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{g},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{p},d}\downarrow$	$\mathcal{R}_{\mathsf{F}}^{\mathsf{s},d}\downarrow$	$\mathcal{R}_{\mathsf{C}}^{\mathsf{s},d}\downarrow$
Best Explanation	0.40080	**0.72782**	0.43569	**0.96112**	0.00399	0.00299	**0.03091**	**0.00100**	0.00199	0.00499
SimpleAvg	0.50748	0.69093	0.59422	0.91027	0.05882	0.03190	0.10369	0.03390	0.02293	0.01994
Borda (NAIVE)	0.44865	0.72682	0.50947	0.94915	0.00798	0.00199	0.09073	0.04586	0.01196	0.01196
Borda (THEORY)	**0.37488**	0.72582	**0.41775**	0.95513	0.07777	0.05484	0.20140	0.05484	0.03091	0.02493
RRF (NAIVE)	0.46560	0.72383	0.54337	0.95115	0.00997	0.01496	0.08275	0.04088	0.00997	0.01695
RRF (THEORY)	0.37886	0.72183	0.43270	0.95912	0.00399	0.01496	0.12164	0.01994	0.00199	0.00299
Schulze (NAIVE)	0.49153	0.72283	0.56929	0.94816	**0.00299**	**0.00100**	0.06580	0.05982	0.00499	0.01695
Schulze (THEORY)	0.38485	0.72483	0.43270	0.95015	0.12064	0.16451	0.16650	0.02692	0.01795	0.01894
Kemeny-Young (NAIVE)	0.43669	0.72483	0.49352	0.95015	0.00598	0.00299	0.10169	0.03689	**0.00100**	**0.00199**
Kemeny-Young (THEORY)	0.40279	**0.72782**	0.44666	**0.96112**	0.05683	0.03789	0.18445	0.04088	0.03190	0.02592

Table 25: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.30010	**0.72582**	**0.33001**	**0.95713**	0.00399	**0.00399**	**0.03689**	**0.00100**	**0.00100**	0.00499
SimpleAvg	0.47757	0.67797	0.55932	0.87139	0.03888	0.03091	0.11864	0.01496	0.02293	0.02692
Borda (NAIVE)	0.38285	0.70987	0.44367	0.91326	0.01196	0.00598	0.06181	0.06481	0.01296	0.01196
Borda (THEORY)	0.29811	0.71785	0.34397	0.94018	0.10169	0.08375	0.15454	0.00897	0.03789	0.03490
RRF (NAIVE)	0.43071	0.70788	0.49950	0.91525	0.01296	0.01196	0.08574	0.04586	0.01496	0.01695
RRF (THEORY)	**0.29212**	0.70788	0.33300	0.92522	0.06879	0.05982	0.14058	0.01595	0.01894	0.01496
Schulze (NAIVE)	0.46461	0.69890	0.52841	0.89731	**0.00100**	0.00997	0.08774	0.04088	0.00499	**0.00100**
Schulze (THEORY)	0.31904	0.71984	0.35494	0.94217	0.11964	0.09671	0.17149	0.00199	0.04586	0.03290
Kemeny-Young (NAIVE)	0.37288	0.70588	0.41874	0.91525	0.00897	0.01595	0.07178	0.07478	0.01196	0.00997
Kemeny-Young (THEORY)	0.32104	0.71087	0.35892	0.93519	0.11366	0.12064	0.16949	0.02692	0.02692	0.02493

Table 26: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.66800	**0.73480**	0.81854	**0.99302**	**0.00199**	**0.00199**	**0.10369**	**0.00499**	**0.00100**	**0.00199**
SimpleAvg	0.64207	0.71785	0.78764	0.96510	0.04586	0.01795	0.16351	0.03988	0.01496	0.01994
Borda (NAIVE)	0.62014	0.73280	0.72981	0.99003	0.04387	**0.00199**	0.13759	0.01795	0.01994	0.01296
Borda (THEORY)	**0.57827**	0.73280	**0.68893**	0.99103	0.03091	0.02393	0.13958	0.02293	0.00199	0.00499
RRF (NAIVE)	0.61914	0.73380	0.75374	0.98804	0.03091	0.02393	0.13559	0.01894	0.00698	0.03190
RRF (THEORY)	0.58923	0.73280	0.69093	0.99003	0.04187	0.01396	0.18146	0.05783	0.00997	0.00499
Schulze (NAIVE)	0.65503	0.73380	0.80658	0.99003	0.03091	0.01196	0.12562	0.01595	0.01296	0.02493
Schulze (THEORY)	0.60120	0.73081	0.69791	0.98405	0.04487	0.01396	0.18644	0.06680	0.01595	**0.00199**
Kemeny-Young (NAIVE)	0.63111	0.73280	0.74576	0.98604	0.05882	0.02094	0.15852	0.04985	0.03390	0.03689
Kemeny-Young (THEORY)	0.58923	0.72981	0.69990	0.98804	0.03789	0.01795	0.13958	0.00698	0.00299	0.00399

Table 27: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.61416	**0.73380**	0.76271	0.98006	**0.00100**	0.00399	**0.09073**	**0.00199**	**0.00000**	**0.00000**
SimpleAvg	0.57129	0.70389	0.69691	0.94417	0.04287	0.01795	0.16550	0.04287	0.03689	0.03290
Borda (NAIVE)	0.53041	0.72782	0.63809	0.98006	0.04885	0.04088	0.18744	0.08674	0.01196	0.00299
Borda (THEORY)	0.50947	0.72981	0.58524	0.97507	0.06082	0.04786	0.19840	0.07577	0.02493	0.00100
RRF (NAIVE)	0.55234	0.73081	0.67398	0.97807	0.04287	0.02991	0.16451	0.04487	0.00598	0.00598
RRF (THEORY)	**0.50449**	0.73180	**0.58026**	**0.98704**	0.09571	0.07278	0.20638	0.10269	0.03290	0.03390
Schulze (NAIVE)	0.59422	0.73180	0.72483	0.97607	0.03390	**0.00100**	0.13958	0.02193	0.01097	0.01595
Schulze (THEORY)	0.51545	0.72881	0.61017	0.98006	0.07976	0.06481	0.21037	0.12562	0.02393	0.02493
Kemeny-Young (NAIVE)	0.52642	0.73081	0.63111	0.98205	0.04686	0.04187	0.18245	0.07278	0.01894	0.01097
Kemeny-Young (THEORY)	0.51147	0.73081	0.61715	0.98006	0.04985	0.04885	0.19242	0.08175	0.02094	0.01795

Table 28: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.49651	**0.73081**	0.61216	0.95513	**0.00100**	**0.00100**	**0.10269**	**0.00997**	0.01196	**0.00100**
SimpleAvg	0.46760	0.69591	0.55932	0.91525	0.03689	0.01595	0.16451	0.03888	0.01296	0.00299
Borda (NAIVE)	0.44068	0.72483	0.53340	**0.96311**	0.09472	0.09771	0.21735	0.09870	0.03390	0.03589
Borda (THEORY)	0.36790	0.72483	0.44666	0.96112	0.11167	0.10269	0.17747	0.09272	0.03689	0.03789
RRF (NAIVE)	0.48754	0.72782	0.56730	0.95813	0.07478	0.06580	0.20538	0.06281	0.02592	0.00299
RRF (THEORY)	**0.36191**	0.72782	**0.43470**	**0.96311**	0.09671	0.08175	0.18146	0.07178	0.03689	0.03888
Schulze (NAIVE)	0.51545	0.72183	0.61615	0.95513	0.04885	0.02792	0.19741	0.07178	**0.00100**	0.00399
Schulze (THEORY)	0.36889	0.72682	0.44865	0.95912	0.10967	0.08973	0.17448	0.08973	0.02592	0.02891
Kemeny-Young (NAIVE)	0.43769	0.72682	0.51645	0.96112	0.11864	0.10768	0.22433	0.09771	0.03689	0.03091
Kemeny-Young (THEORY)	0.37886	0.72084	0.45065	0.95912	0.11266	0.09272	0.20239	0.09870	0.03789	0.03490

Table 29: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.31206	0.70189	0.37388	0.89731	**0.02891**	**0.00798**	0.08873	0.03091	0.01296	**0.00598**
SimpleAvg	0.37886	0.67697	0.45763	0.86341	0.06381	0.05085	0.16550	0.04088	0.03689	0.04187
Borda (NAIVE)	0.28814	0.71486	0.35793	0.91625	0.05982	0.04586	0.11964	0.00997	**0.00199**	0.00698
Borda (THEORY)	0.21735	**0.72483**	0.28415	0.93819	0.06680	0.04586	0.08574	0.02891	0.02293	0.02493
RRF (NAIVE)	0.36391	0.71685	0.43868	0.92722	0.11266	0.09571	0.17547	0.04088	0.03789	0.03390
RRF (THEORY)	**0.20937**	0.72383	**0.25723**	**0.94217**	0.05583	0.02891	**0.06680**	0.04187	0.01695	0.01396
Schulze (NAIVE)	0.39980	0.70688	0.48853	0.90828	0.08674	0.06481	0.18843	0.05683	0.05184	0.05184
Schulze (THEORY)	0.22732	0.70588	0.29711	0.91825	0.06580	0.04487	0.10070	0.01296	0.02991	0.03490
Kemeny-Young (NAIVE)	0.29611	0.71785	0.36690	0.92522	0.07677	0.07278	0.12562	**0.00399**	0.01296	0.00798
Kemeny-Young (THEORY)	0.22233	0.72084	0.28913	0.93121	0.04786	0.03888	0.08973	0.01595	0.02493	0.02193

Table 30: EXP2 Detailed Results: **Dermamnist** with **ResNet-18** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.25424	0.66301	0.30808	0.83549	**0.02293**	**0.00100**	0.07577	0.01196	0.00997	0.00199
SimpleAvg	0.31904	0.63210	0.40578	0.80658	0.03888	0.04088	0.14058	0.02493	0.00798	0.01695
Borda (NAIVE)	0.24925	0.69292	0.31306	0.87637	0.03789	0.02293	0.10169	0.01994	0.00499	0.00598
Borda (THEORY)	0.18046	**0.70987**	0.24626	0.90828	0.02393	0.01894	0.06680	0.03689	0.00698	0.00399
RRF (NAIVE)	0.28714	0.68495	0.35095	0.88136	0.07976	0.06481	0.12762	**0.00299**	0.01595	**0.00100**
RRF (THEORY)	**0.17149**	0.69591	**0.22134**	0.90528	0.03490	0.02393	**0.04287**	0.05583	0.01196	0.01196
Schulze (NAIVE)	0.34497	0.67099	0.41775	0.85244	0.08475	0.07677	0.17348	0.03888	0.02592	0.02094
Schulze (THEORY)	0.18146	0.70788	0.24826	**0.91226**	0.04187	0.03190	0.05683	0.03888	0.01296	0.01196
Kemeny-Young (NAIVE)	0.26122	0.70090	0.33101	0.88634	0.06082	0.05683	0.12064	0.00399	**0.00399**	0.01196
Kemeny-Young (THEORY)	0.18245	0.70788	0.23928	0.91127	0.04686	0.03589	0.06281	0.03988	0.01695	0.02393

Table 31: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 5, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.78265	**0.84048**	0.84347	**0.97607**	0.09671	**0.00598**	0.11366	**0.05783**	**0.05982**	0.00299
SimpleAvg	0.79362	0.83549	0.84646	0.96012	0.11067	0.02193	0.12463	0.15354	0.08774	0.02592
Borda (NAIVE)	0.80359	0.83051	0.84048	0.96710	0.11067	0.02792	0.13460	0.15952	0.09372	0.02094
Borda (THEORY)	0.77966	0.82951	**0.83151**	0.97109	0.09472	0.04187	0.11067	0.16849	0.07577	0.00997
RRF (NAIVE)	0.79661	0.83649	0.84347	0.97208	0.10768	0.03988	0.12762	0.15653	0.08973	0.02094
RRF (THEORY)	**0.77866**	0.83749	0.83450	**0.97607**	0.10269	0.04786	**0.10967**	0.16550	0.06879	0.01097
Schulze (NAIVE)	0.80359	0.83151	0.86241	0.96211	0.11366	0.02393	0.13460	0.13759	0.09472	0.03689
Schulze (THEORY)	0.78365	0.83250	0.83250	0.96710	0.10369	0.06082	0.11466	0.16750	0.07378	**0.00199**
Kemeny-Young (NAIVE)	0.79262	0.83250	0.83250	0.97208	0.11067	0.02991	0.12363	0.16750	0.08375	0.02293
Kemeny-Young (THEORY)	0.78166	0.83848	0.83549	0.97408	**0.09372**	0.03789	0.11266	0.16451	0.07278	0.01296

Table 32: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 10, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.75773	**0.83549**	0.79063	0.95613	0.09172	**0.00199**	0.08873	**0.12961**	0.05583	**0.00598**
SimpleAvg	0.75972	0.81854	0.80957	0.94018	0.07976	0.05085	0.09073	0.19043	0.07577	0.01695
Borda (NAIVE)	0.75872	0.82353	0.80160	0.94118	0.09172	0.05583	0.08973	0.19840	0.07079	0.02094
Borda (THEORY)	**0.74975**	0.81954	0.79661	0.94915	**0.06879**	0.04487	**0.08076**	0.20339	**0.05085**	0.01196
RRF (NAIVE)	0.77168	0.82353	0.80658	0.94816	0.09073	0.04586	0.10269	0.19342	0.08275	0.01695
RRF (THEORY)	0.75274	0.82851	0.78863	0.95912	0.07777	0.05783	0.08375	0.21137	0.06879	0.00698
Schulze (NAIVE)	0.76670	0.82054	0.81356	0.93719	0.09472	0.02293	0.09771	0.18644	0.08076	0.02891
Schulze (THEORY)	0.75872	0.82752	**0.78664**	0.95513	**0.06879**	0.06381	0.08973	0.21336	0.08275	0.01396
Kemeny-Young (NAIVE)	0.75773	0.82453	0.79462	0.94915	0.08076	0.04786	0.08873	0.20538	0.06780	0.00798
Kemeny-Young (THEORY)	0.75573	0.82652	0.79561	**0.96012**	0.07577	0.04088	0.08674	0.20439	0.07178	0.00698

Table 33: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 20, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.71685	**0.82353**	0.73978	0.92323	0.05882	**0.01296**	0.04786	**0.17846**	**0.05683**	**0.00897**
SimpleAvg	0.72483	0.80658	0.75872	0.90429	0.07079	0.04387	0.05583	0.24128	0.08873	0.02193
Borda (NAIVE)	0.73280	0.80259	0.74875	0.90628	0.09272	0.03589	0.06381	0.25125	0.10568	0.02393
Borda (THEORY)	**0.70090**	0.81954	0.72881	**0.93121**	0.05184	0.06879	**0.03190**	0.27119	0.09073	0.02891
RRF (NAIVE)	0.72881	0.80957	0.75573	0.91326	0.07876	0.04985	0.05982	0.24427	0.09571	0.03190
RRF (THEORY)	0.70489	0.82154	0.72981	0.92722	**0.04985**	0.07677	0.03589	0.27019	0.07677	**0.00897**
Schulze (NAIVE)	0.72981	0.80758	0.76570	0.89332	0.06979	0.03390	0.06082	0.23430	0.09073	0.03290
Schulze (THEORY)	0.70788	0.82154	0.73081	0.92522	0.05384	0.06780	0.03888	0.26919	0.06879	0.01695
Kemeny-Young (NAIVE)	0.71984	0.81157	0.74177	0.91326	0.07079	0.05085	0.05085	0.25823	0.10369	0.01795
Kemeny-Young (THEORY)	0.70588	0.81655	**0.72483**	**0.93121**	0.05683	0.06381	0.03689	0.27517	0.08574	0.02592

Table 34: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 40, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.64307	0.79362	0.65803	0.87637	**0.05284**	**0.00798**	**0.00199**	**0.20140**	**0.06381**	**0.01097**
SimpleAvg	0.66500	0.74177	0.68195	0.81655	0.13460	0.10668	0.00399	0.31805	0.17448	0.10768
Borda (NAIVE)	0.66102	0.75374	0.67597	0.82851	0.13260	0.09771	0.00798	0.32403	0.17348	0.11167
Borda (THEORY)	0.61914	0.79761	0.62812	0.86740	0.10967	0.05484	0.04985	0.37188	0.13061	0.05085
RRF (NAIVE)	0.67697	0.75673	0.68495	0.83649	0.13958	0.10369	0.00798	0.31505	0.19741	0.11565
RRF (THEORY)	0.61914	0.79362	0.62413	0.86441	0.10867	0.04885	0.04985	0.37587	0.12861	0.04686
Schulze (NAIVE)	0.67298	0.74277	0.68893	0.81356	0.14058	0.11964	0.00399	0.31107	0.18345	0.11864
Schulze (THEORY)	**0.60917**	**0.80459**	**0.62014**	**0.87836**	0.10369	0.05384	0.05982	0.37986	0.12662	0.05384
Kemeny-Young (NAIVE)	0.65902	0.76072	0.67198	0.83649	0.13161	0.10269	0.00997	0.32802	0.17348	0.11167
Kemeny-Young (THEORY)	0.63011	0.78963	0.64706	0.85842	0.10469	0.07677	0.03888	0.35294	0.15055	0.08475

Table 35: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.54337**	0.75174	**0.54835**	0.80558	**0.06082**	**0.01196**	**0.01396**	**0.32901**	**0.04088**	**0.01695**
SimpleAvg	0.59023	0.67597	0.59422	0.73081	0.19342	0.21436	0.07777	0.40479	0.22433	0.14357
Borda (NAIVE)	0.60518	0.66201	0.61815	0.71984	0.20738	0.23829	0.06381	0.38185	0.23729	0.17946
Borda (THEORY)	0.55733	**0.77168**	0.55135	**0.81655**	0.17946	0.18843	0.11167	0.44865	0.20439	0.12064
RRF (NAIVE)	0.59521	0.68993	0.59821	0.73878	0.21037	0.22532	0.07378	0.40179	0.22333	0.14457
RRF (THEORY)	0.55035	0.75972	0.55334	0.81456	0.17647	0.19143	0.11864	0.44666	0.18544	0.10369
Schulze (NAIVE)	0.59920	0.67797	0.60917	0.73779	0.20339	0.23230	0.06979	0.39083	0.21336	0.13958
Schulze (THEORY)	0.54935	0.72881	0.54935	0.77966	0.17448	0.19840	0.11964	0.45065	0.18345	0.09970
Kemeny-Young (NAIVE)	0.59222	0.69192	0.59621	0.74676	0.20738	0.23031	0.07677	0.40379	0.23230	0.15354
Kemeny-Young (THEORY)	0.57527	0.74377	0.57627	0.80259	0.18544	0.21834	0.09372	0.42373	0.22532	0.14855

Table 36: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.77567	**0.83948**	0.82851	0.96909	0.09472	**0.00000**	0.10668	**0.07577**	**0.05683**	0.00299
SimpleAvg	0.77069	0.82851	0.82154	0.96012	0.08475	0.05484	0.10169	0.17846	0.06281	0.01496
Borda (NAIVE)	0.78664	0.82154	0.83051	0.96012	0.10269	0.04387	0.11765	0.16949	0.09472	0.03091
Borda (THEORY)	0.76969	0.83051	0.80957	**0.97009**	0.08574	0.04786	0.10070	0.19043	0.07677	0.00698
RRF (NAIVE)	0.79362	0.83250	0.84247	0.96610	0.10568	0.02094	0.12463	0.15753	0.09671	0.04387
RRF (THEORY)	0.77567	0.82851	0.81954	0.96311	0.08973	0.04885	0.10668	0.18046	0.07976	0.00997
Schulze (NAIVE)	0.79262	0.83051	0.82951	0.96211	0.10269	0.03689	0.12363	0.17049	0.08574	0.03091
Schulze (THEORY)	**0.76869**	0.83350	**0.80857**	0.96510	**0.07777**	0.05882	**0.09970**	0.19143	0.07378	**0.00199**
Kemeny-Young (NAIVE)	0.77966	0.82353	0.82154	0.96311	0.08973	0.04487	0.11067	0.17846	0.08275	0.01496
Kemeny-Young (THEORY)	0.77567	0.82951	0.81854	0.96411	0.09172	0.05982	0.10668	0.18146	0.08175	0.01396

Table 37: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.74377	0.82552	0.77468	0.94118	0.06481	**0.00698**	0.07478	**0.12463**	**0.05882**	0.00698
SimpleAvg	0.73878	0.82353	0.77866	0.93719	0.06181	0.05583	0.06979	0.22134	0.07876	0.00897
Borda (NAIVE)	0.74177	0.82253	0.76471	0.93719	0.06680	0.05384	0.07278	0.23529	0.09172	0.01795
Borda (THEORY)	0.73081	**0.83151**	0.76171	0.94915	0.06879	0.08076	0.06181	0.23829	0.07278	0.00499
RRF (NAIVE)	0.75174	0.82054	0.77567	0.93819	0.06780	0.05683	0.08275	0.22433	0.09571	0.00997
RRF (THEORY)	0.73480	0.82752	0.75773	0.94915	0.06481	0.07278	0.06580	0.24227	0.07677	0.00199
Schulze (NAIVE)	0.75872	0.81755	0.78764	0.92921	0.08275	0.03988	0.08973	0.21236	0.10369	0.03589
Schulze (THEORY)	**0.72981**	0.82552	**0.75075**	**0.95314**	**0.05683**	0.08076	**0.06082**	0.24925	0.07478	0.01296
Kemeny-Young (NAIVE)	0.74676	0.82453	0.76072	0.93819	0.06780	0.06281	0.07777	0.23928	0.09272	**0.00100**
Kemeny-Young (THEORY)	0.73280	0.82453	0.75573	0.94616	0.07876	0.07677	0.06381	0.24427	0.08275	0.00299

Table 38: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.68195	0.81655	0.69791	**0.91326**	**0.03091**	**0.00199**	0.01296	**0.17547**	**0.04088**	**0.00399**
SimpleAvg	0.70887	0.78166	0.73679	0.87637	0.07577	0.01296	0.03988	0.26321	0.12463	0.05982
Borda (NAIVE)	0.68993	0.78863	0.70389	0.88534	0.06680	0.03988	0.02094	0.29611	0.10568	0.04187
Borda (THEORY)	0.67298	0.80459	0.68395	0.89930	0.05284	0.06181	**0.00399**	0.31605	0.10568	0.02393
RRF (NAIVE)	0.70887	0.80259	0.72283	0.89133	0.07577	0.03490	0.03988	0.27717	0.12263	0.04985
RRF (THEORY)	0.66500	**0.81954**	0.67697	0.91226	0.03689	0.07577	**0.00399**	0.32303	0.10070	0.01894
Schulze (NAIVE)	0.71286	0.78664	0.73679	0.86740	0.08475	0.01196	0.04387	0.26321	0.12961	0.07079
Schulze (THEORY)	**0.66401**	0.81555	**0.67498**	0.90030	0.04487	0.08175	0.00499	0.32502	0.09472	0.02193
Kemeny-Young (NAIVE)	0.68794	0.79561	0.70588	0.88734	0.05783	0.04885	0.01894	0.29412	0.11765	0.04287
Kemeny-Young (THEORY)	0.67597	0.81755	0.68694	0.90828	0.05085	0.06780	0.00698	0.31306	0.09671	0.02393

Table 39: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.57527**	0.75972	0.58225	0.81954	**0.03091**	**0.01097**	**0.00698**	**0.32403**	**0.04487**	**0.00598**
SimpleAvg	0.61316	0.70688	0.61416	0.75972	0.10568	0.08175	0.05583	0.38584	0.18046	0.09571
Borda (NAIVE)	0.61615	0.71486	0.62413	0.77168	0.11466	0.08973	0.05284	0.37587	0.18644	0.11266
Borda (THEORY)	0.58126	0.74975	0.57627	0.81256	0.08076	0.04387	0.08774	0.42373	0.14058	0.05384
RRF (NAIVE)	0.62114	0.71884	0.63111	0.78365	0.11864	0.10169	0.04786	0.36790	0.17647	0.10867
RRF (THEORY)	0.58325	0.77966	0.58026	0.83051	0.09073	0.05184	0.08574	0.41974	0.14058	0.05484
Schulze (NAIVE)	0.62911	0.71087	0.63310	0.76670	0.12164	0.10967	0.03988	0.36690	0.17647	0.10269
Schulze (THEORY)	0.57827	0.76670	**0.57228**	0.82652	0.09472	0.05284	0.08973	0.42672	0.13759	0.05184
Kemeny-Young (NAIVE)	0.61515	0.71785	0.61914	0.77866	0.11765	0.08076	0.05384	0.38086	0.18544	0.10668
Kemeny-Young (THEORY)	0.58624	**0.78265**	0.58126	**0.83549**	0.09073	0.06580	0.08275	0.41874	0.14257	0.05583

Table 40: EXP2 Detailed Results: **Dermamnist** with **DenseNet-121** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.45264**	0.68495	**0.44865**	0.71884	**0.04487**	**0.00698**	**0.04885**	**0.38385**	0.05683	**0.00499**
SimpleAvg	0.52144	0.62512	0.52542	0.65803	0.15553	0.17547	0.14756	0.47458	0.15454	0.08175
Borda (NAIVE)	0.53240	0.62313	0.54437	0.65503	0.14556	0.16451	0.13659	0.45563	0.13958	0.07976
Borda (THEORY)	0.47258	**0.69691**	0.46959	**0.73480**	0.08873	0.09970	0.19641	0.53041	0.12861	0.04287
RRF (NAIVE)	0.54138	0.63111	0.55035	0.66201	0.15354	0.17747	0.12762	0.44965	0.14257	0.08574
RRF (THEORY)	0.46760	0.69292	0.46560	**0.73480**	0.08175	0.09472	0.20140	0.53440	**0.04387**	0.03190
Schulze (NAIVE)	0.54536	0.64307	0.54636	0.68096	0.15254	0.17846	0.12363	0.45364	0.13061	0.05783
Schulze (THEORY)	0.47159	0.69591	0.47059	0.73280	0.09571	0.10568	0.19741	0.52941	0.06082	0.00997
Kemeny-Young (NAIVE)	0.53539	0.64008	0.53639	0.67697	0.13958	0.14756	0.13360	0.46361	0.13659	0.07278
Kemeny-Young (THEORY)	0.51246	0.67797	0.50449	0.72084	0.12064	0.11964	0.15553	0.49352	0.18843	0.10169

3 BloodMNIST Results

Table 41: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 5, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.89720**	**0.91238**	0.94801	**0.99942**	**0.00058**	**0.00058**	**0.00876**	**0.00058**	**0.01110**	0.00175
SimpleAvg	0.90012	0.91180	0.97488	0.99766	0.00292	**0.00058**	0.03271	0.01285	0.01577	**0.00000**
Borda (NAIVE)	0.90245	**0.91238**	0.95269	0.99766	0.00643	0.00350	0.04322	0.01168	0.02044	0.00467
Borda (THEORY)	0.90070	0.91121	0.94743	0.99883	0.00175	0.00117	0.06308	0.03797	0.01285	0.00234
RRF (NAIVE)	0.89953	**0.91238**	0.95152	0.99766	0.00643	0.00175	0.03972	0.00643	0.01636	0.00701
RRF (THEORY)	0.90187	0.91180	0.95386	0.99825	0.00818	0.00526	0.03738	0.00935	0.02336	0.00759
Schulze (NAIVE)	0.90421	0.91180	0.95678	0.99825	0.00701	0.00350	0.04030	0.00234	0.02220	**0.00000**
Schulze (THEORY)	0.90245	0.91180	0.94685	**0.99942**	0.00701	0.00175	0.06075	0.03855	0.01636	0.00058
Kemeny-Young (NAIVE)	0.90362	0.91180	0.95444	0.99825	0.01051	0.00409	0.04089	0.01811	0.02103	0.00993
Kemeny-Young (THEORY)	0.90304	0.91180	**0.94100**	0.99825	0.00526	0.00175	0.05783	0.02044	0.01752	0.00467

Table 42: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 10, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.89077	**0.91297**	0.92582	**0.99942**	**0.00000**	0.00117	**0.00058**	**0.00467**	**0.00876**	**0.00175**
SimpleAvg	0.89311	**0.91297**	0.96437	0.99650	0.00467	0.00701	0.04439	0.02336	0.01343	0.00292
Borda (NAIVE)	0.89194	0.91063	0.93283	0.99825	0.00759	0.00350	0.04673	0.02687	0.01869	0.00526
Borda (THEORY)	**0.88493**	0.91063	0.91472	0.99825	0.00526	0.00175	0.06250	0.03213	0.01285	0.00701
RRF (NAIVE)	0.89019	0.91121	0.93341	0.99766	0.00467	0.00701	0.04498	0.01519	0.01986	0.00409
RRF (THEORY)	0.88727	0.91063	0.91589	0.99825	0.00467	**0.00000**	0.06659	0.03037	0.01051	0.00643
Schulze (NAIVE)	0.89194	0.91121	0.93575	0.99766	0.00350	0.00526	0.03972	0.00701	0.01519	0.00292
Schulze (THEORY)	0.88610	0.91238	**0.91355**	0.99766	0.00409	0.00292	0.06250	0.03154	0.01752	0.00935
Kemeny-Young (NAIVE)	0.88902	0.91121	0.93224	0.99766	0.00117	0.00526	0.04731	0.02745	0.01577	0.00467
Kemeny-Young (THEORY)	0.89019	0.91063	0.93458	0.99825	0.00058	0.00759	0.05023	0.03563	0.01694	0.00818

Table 43: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 20, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.87675	**0.91355**	0.89836	0.99650	0.00117	**0.00000**	**0.00000**	**0.00584**	0.00643	**0.00000**
SimpleAvg	0.88318	0.91180	0.94451	0.99065	0.00292	0.00409	0.04030	0.03388	0.01811	0.00234
Borda (NAIVE)	0.88143	0.91005	0.91063	0.99650	0.00759	0.00584	0.06075	0.03797	0.02278	0.00292
Borda (THEORY)	0.87383	0.91005	**0.89369**	**0.99766**	0.01227	0.00643	0.08002	0.05432	**0.00058**	0.00818
RRF (NAIVE)	0.87850	0.91063	0.90829	0.99591	0.00292	0.00117	0.05257	0.02629	0.01636	0.00234
RRF (THEORY)	**0.87150**	0.90829	0.90713	0.99591	0.00234	0.00058	0.07185	0.05958	0.00584	0.00117
Schulze (NAIVE)	0.88084	0.91063	0.91706	0.99650	0.00584	0.01227	0.04264	0.02220	0.01460	0.00935
Schulze (THEORY)	0.87500	0.91121	0.89603	0.99591	0.01168	0.00818	0.07301	0.05082	0.00584	0.00117
Kemeny-Young (NAIVE)	0.88259	0.91005	0.91180	0.99650	0.00643	0.00467	0.06250	0.04556	0.01811	0.00643
Kemeny-Young (THEORY)	0.87617	0.91063	0.90829	0.99591	**0.00058**	0.00175	0.06133	0.04556	0.01227	0.00175

Table 44: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 40, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.75993**	**0.91238**	**0.76402**	0.99007	0.00117	0.00058	**0.00058**	**0.01051**	**0.00175**	**0.00000**
SimpleAvg	0.86098	0.90946	0.90537	0.98248	0.00818	0.01519	0.06484	0.04206	0.01636	0.01051
Borda (NAIVE)	0.85047	**0.91238**	0.86974	0.98949	0.01636	0.02161	0.07769	0.05783	0.02804	0.02395
Borda (THEORY)	0.81717	0.91180	0.82418	0.98715	**0.00058**	**0.00000**	0.11799	0.06834	0.01811	0.00701
RRF (NAIVE)	0.84755	**0.91238**	0.85923	0.98832	0.01928	0.01752	0.07769	0.04848	0.02044	0.00993
RRF (THEORY)	0.81308	**0.91238**	0.82769	0.98715	0.00643	0.00526	0.10164	0.06308	0.01869	0.01343
Schulze (NAIVE)	0.85047	**0.91238**	0.86449	0.98715	0.01460	0.01694	0.07068	0.03563	0.01402	0.00759
Schulze (THEORY)	0.82769	0.91121	0.83470	**0.99124**	0.02395	0.01694	0.08528	0.04381	0.02278	0.01460
Kemeny-Young (NAIVE)	0.84988	0.91121	0.86040	0.98773	0.00993	0.00818	0.07769	0.04965	0.01285	0.00584
Kemeny-Young (THEORY)	0.82185	0.91180	0.82418	0.98832	0.01811	0.01460	0.08178	0.03213	0.02745	0.01928

Table 45: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.68341**	0.90946	**0.68575**	0.97722	**0.00175**	**0.00000**	**0.00175**	**0.00818**	0.00234	**0.00117**
SimpleAvg	0.79614	0.90304	0.83353	0.96787	0.02044	0.04264	0.06016	0.03972	0.02979	0.04322
Borda (NAIVE)	0.76110	0.90713	0.76343	0.97839	0.02103	0.02453	0.09054	0.05140	0.01636	0.01811
Borda (THEORY)	0.70561	**0.91063**	0.69977	0.97839	0.00467	**0.00000**	0.16472	0.10456	**0.00175**	0.00993
RRF (NAIVE)	0.75935	0.90654	0.76928	0.97605	0.01402	0.02453	0.08586	0.04907	0.02103	0.03037
RRF (THEORY)	0.71028	0.90829	0.70736	**0.97956**	0.00643	0.00175	0.13668	0.08528	0.01168	0.00584
Schulze (NAIVE)	0.78096	0.90771	0.77804	0.97488	0.01636	0.02512	0.08703	0.04147	0.03096	0.03096
Schulze (THEORY)	0.69568	0.90829	0.69334	0.97839	0.00234	0.00234	0.15421	0.10280	0.00935	0.00818
Kemeny-Young (NAIVE)	0.75759	0.90654	0.76110	0.97780	0.00350	0.01343	0.10047	0.06893	0.01110	0.01402
Kemeny-Young (THEORY)	0.70619	0.90946	0.69860	**0.97956**	0.00584	0.00058	0.11449	0.05841	0.00234	0.00643

Table 46: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.89077**	**0.91238**	0.93750	**0.99883**	**0.00058**	0.00117	**0.01227**	**0.00350**	**0.00701**	**0.00058**
SimpleAvg	0.89661	0.91005	0.97371	0.99766	0.00818	0.00935	0.04498	0.02161	0.00935	0.00526
Borda (NAIVE)	0.90187	0.91121	0.94743	**0.99883**	0.00993	0.00058	0.06075	0.02044	0.01110	0.00292
Borda (THEORY)	0.89895	0.91180	0.94509	0.99825	0.00234	0.00643	0.06425	0.03213	0.01519	0.00350
RRF (NAIVE)	0.90245	0.91121	0.94626	**0.99883**	0.00993	0.00175	0.05958	0.01577	0.01051	**0.00058**
RRF (THEORY)	0.90012	0.91121	0.93575	0.99766	0.01285	0.00759	0.07652	0.03329	0.02220	0.00526
Schulze (NAIVE)	0.90245	0.91180	0.95210	0.99825	0.00701	**0.00000**	0.05549	0.01694	0.01285	0.00643
Schulze (THEORY)	0.89661	0.91180	0.94217	0.99825	0.00584	0.00643	0.07126	0.04498	0.01460	0.00234
Kemeny-Young (NAIVE)	0.89895	0.91121	0.94801	**0.99883**	0.00526	0.00526	0.05958	0.02745	0.01227	**0.00058**
Kemeny-Young (THEORY)	0.90129	0.91121	**0.93341**	0.99766	0.01577	0.00292	0.07769	0.02979	0.02453	0.00292

Table 47: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.88376	**0.91297**	0.91939	**0.99766**	**0.00000**	0.00058	**0.00117**	**0.00350**	0.00993	**0.00058**
SimpleAvg	0.88668	0.91238	0.95853	0.99299	0.00117	**0.00000**	0.05549	0.03914	**0.00584**	0.00117
Borda (NAIVE)	0.88435	0.91005	0.92231	0.99650	0.00117	0.00058	0.06717	0.03621	0.01110	0.00701
Borda (THEORY)	**0.87909**	0.91063	**0.90888**	0.99708	0.00058	0.00350	0.07944	0.03680	0.00993	0.00175
RRF (NAIVE)	0.88610	0.91005	0.92056	0.99650	0.00234	0.00643	0.06717	0.02570	0.01110	0.00467
RRF (THEORY)	0.88084	0.91063	0.91005	0.99708	0.00175	0.00350	0.07944	0.03855	0.01460	0.00117
Schulze (NAIVE)	0.89077	**0.91297**	0.92815	0.99708	0.00058	0.00526	0.06776	0.02570	0.01460	0.00175
Schulze (THEORY)	0.88026	0.91121	0.91121	0.99650	0.00467	0.00409	0.08002	0.03972	0.01343	0.00759
Kemeny-Young (NAIVE)	0.88551	0.91063	0.92407	0.99708	**0.00000**	0.00759	0.07477	0.04089	0.00993	0.00467
Kemeny-Young (THEORY)	0.88435	0.91005	0.92991	**0.99766**	0.00526	**0.00000**	0.07301	0.04848	**0.00584**	0.00234

Table 48: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.86273**	**0.91355**	**0.87909**	**0.99474**	**0.00000**	**0.00000**	**0.00818**	**0.01051**	**0.00117**	**0.00058**
SimpleAvg	0.88493	0.91180	0.93984	0.99124	0.00643	0.00935	0.08002	0.05199	0.01460	0.00526
Borda (NAIVE)	0.88201	0.90946	0.89953	0.99299	0.01051	0.00935	0.09287	0.03680	0.01460	0.00526
Borda (THEORY)	0.87266	0.91005	0.89895	0.99357	0.00350	0.00117	0.08178	0.04556	0.00175	0.00117
RRF (NAIVE)	0.88143	0.91005	0.89895	0.99357	0.01460	0.00526	0.09346	0.03914	0.01285	0.00175
RRF (THEORY)	0.87617	0.90946	0.90362	0.99299	**0.00000**	0.00701	0.08645	0.04614	0.00643	0.00409
Schulze (NAIVE)	0.88318	0.91238	0.90654	0.99299	0.01168	0.01519	0.08820	0.03855	0.01402	0.00292
Schulze (THEORY)	0.87500	0.91063	0.92290	0.99357	0.00350	0.01986	0.08820	0.07477	0.01343	0.01343
Kemeny-Young (NAIVE)	0.87909	0.90888	0.89895	0.99357	0.00935	0.00701	0.09579	0.04439	0.01402	0.00117
Kemeny-Young (THEORY)	0.87617	0.90888	0.90187	0.99357	0.00058	0.00584	0.08995	0.05432	0.00292	0.00292

Table 49: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.71495**	0.90713	**0.71729**	0.98306	0.00234	**0.00000**	**0.01285**	**0.02745**	**0.00058**	**0.00000**
SimpleAvg	0.84171	0.90596	0.87500	0.97780	0.01227	0.02921	0.09171	0.04614	0.02745	0.02862
Borda (NAIVE)	0.81308	0.91063	0.82009	0.98481	0.01343	0.02570	0.15421	0.10572	0.02570	0.03505
Borda (THEORY)	0.74883	**0.91121**	0.74241	**0.98773**	**0.00058**	0.00234	0.16238	0.09346	0.00584	0.00117
RRF (NAIVE)	0.80082	**0.91121**	0.80666	0.98364	0.01402	0.02395	0.11565	0.06425	0.00993	0.01519
RRF (THEORY)	0.75584	0.91063	0.75584	0.98598	**0.00058**	0.00701	0.13785	0.07535	0.00818	0.00759
Schulze (NAIVE)	0.82886	0.90829	0.83002	0.98364	0.02745	0.02862	0.14136	0.07886	0.01051	0.01869
Schulze (THEORY)	0.75409	0.90713	0.74416	0.97780	0.00643	0.00234	0.17173	0.10047	0.00467	0.00058
Kemeny-Young (NAIVE)	0.80724	**0.91121**	0.81250	0.98423	0.03096	0.04381	0.15771	0.10689	0.03329	0.03446
Kemeny-Young (THEORY)	0.75643	0.91063	0.75175	0.98540	0.00467	0.00935	0.09638	0.03563	0.01110	0.00935

Table 50: EXP2 Detailed Results: **Bloodmnist** with **ResNet-18** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.61799	0.90421	0.60280	0.97196	**0.00234**	**0.00175**	**0.01869**	**0.00584**	**0.00117**	0.00175
SimpleAvg	0.73890	0.90012	0.74533	0.96437	0.01869	0.03388	0.11098	0.04848	0.01928	0.02745
Borda (NAIVE)	0.67114	0.90421	0.65596	0.96671	0.00993	0.02161	0.11157	0.04439	0.01051	0.00234
Borda (THEORY)	**0.60572**	**0.91005**	**0.59463**	0.96671	0.00350	0.00993	0.12792	0.06133	0.01227	0.00467
RRF (NAIVE)	0.66414	0.90421	0.65421	**0.97255**	0.00759	0.01694	0.09463	0.03037	0.01577	0.00292
RRF (THEORY)	0.61215	**0.91005**	0.59871	0.96554	0.00643	0.00467	0.10572	0.03271	0.01227	0.00876
Schulze (NAIVE)	0.69100	0.90129	0.66998	0.96846	0.02979	0.03388	0.11974	0.05315	0.00175	0.00759
Schulze (THEORY)	0.66822	0.90654	0.64778	0.96729	0.00467	0.01168	0.11799	0.03972	0.00701	0.00350
Kemeny-Young (NAIVE)	0.65946	0.90421	0.64953	0.96904	0.00526	0.02804	0.12325	0.05549	0.01051	**0.00058**
Kemeny-Young (THEORY)	0.64428	0.90596	0.62617	0.96787	0.00876	0.01519	0.16005	0.08353	0.00935	0.00117

Table 51: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 5, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.96671	0.99065	0.96671	**1.00000**	**0.33645**	**0.14311**	0.82886	**0.00409**	**0.16414**	**0.08470**
SimpleAvg	0.98773	**0.99124**	0.99299	0.99650	0.41647	0.24533	0.85105	0.00643	0.31600	0.23890
Borda (NAIVE)	0.97313	0.99007	0.97547	**1.00000**	0.42348	0.25175	0.83586	0.02278	0.30900	0.24241
Borda (THEORY)	0.96086	0.99065	0.95970	0.99942	0.43516	0.25467	0.82360	0.03855	0.32301	0.25526
RRF (NAIVE)	0.97664	0.99065	0.97780	0.99942	0.42640	0.25409	0.83937	0.02044	0.31776	0.25292
RRF (THEORY)	0.96495	0.99065	0.96379	0.99942	0.44334	0.25467	0.82769	0.03446	0.30724	0.23773
Schulze (NAIVE)	0.98014	0.98890	0.98423	0.99883	0.42348	0.24650	0.84287	0.01402	0.31893	0.25526
Schulze (THEORY)	**0.95970**	**0.99124**	**0.95853**	0.99883	0.42290	0.23248	**0.82243**	0.03972	0.29264	0.22079
Kemeny-Young (NAIVE)	0.97196	0.99007	0.97313	**1.00000**	0.41939	0.23890	0.83470	0.02512	0.30140	0.23832
Kemeny-Young (THEORY)	0.96262	0.99065	0.96028	0.99942	0.42114	0.23949	0.82535	0.03797	0.31834	0.24299

Table 52: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 10, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.88435**	0.99007	**0.88435**	**1.00000**	**0.34229**	**0.17465**	**0.74650**	**0.00818**	**0.14836**	**0.07593**
SimpleAvg	0.97313	0.98248	0.97488	0.98598	0.49416	0.33995	0.83586	0.02336	0.40479	0.34054
Borda (NAIVE)	0.93516	0.99007	0.93750	0.99883	0.47313	0.31834	0.79790	0.06075	0.39136	0.33353
Borda (THEORY)	0.89252	**0.99065**	0.89486	0.99942	0.44334	0.29556	0.75526	0.10339	0.35339	0.29439
RRF (NAIVE)	0.94276	**0.99065**	0.94626	0.99942	0.49299	0.35047	0.80549	0.05199	0.38960	0.33061
RRF (THEORY)	0.89720	**0.99065**	0.89544	0.99942	0.44918	0.28621	0.75993	0.10280	0.35806	0.29439
Schulze (NAIVE)	0.94568	0.98072	0.95093	0.99065	0.48423	0.33995	0.80841	0.04731	0.40129	0.34696
Schulze (THEORY)	0.88902	**0.99065**	0.88960	0.99942	0.43692	0.27512	0.75175	0.10864	0.34988	0.28680
Kemeny-Young (NAIVE)	0.92114	**0.99065**	0.92407	0.99942	0.46495	0.31250	0.78388	0.07418	0.37266	0.31367
Kemeny-Young (THEORY)	0.89603	0.99007	0.89720	0.99883	0.44743	0.28680	0.75876	0.10105	0.35981	0.30432

Table 53: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 20, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.68984**	**0.99065**	**0.69042**	**0.99942**	**0.28037**	**0.14369**	**0.55257**	**0.01577**	**0.06776**	**0.00993**
SimpleAvg	0.97196	0.98248	0.97488	0.98715	0.60689	0.47313	0.83470	0.02336	0.56776	0.51928
Borda (NAIVE)	0.81075	0.98657	0.81367	0.99533	0.46554	0.34463	0.67348	0.18458	0.43925	0.38785
Borda (THEORY)	0.74357	**0.99065**	0.74708	**0.99942**	0.39194	0.26460	0.60631	0.25117	0.38843	0.33820
RRF (NAIVE)	0.84229	0.98890	0.84521	0.99766	0.49591	0.37442	0.70502	0.15304	0.48189	0.43166
RRF (THEORY)	0.76168	**0.99065**	0.76227	**0.99942**	0.40537	0.27629	0.62442	0.23598	0.40888	0.35572
Schulze (NAIVE)	0.85339	0.95210	0.85572	0.96086	0.50467	0.37734	0.71612	0.14252	0.49007	0.44100
Schulze (THEORY)	0.75058	0.98949	0.75467	0.99825	0.39895	0.26869	0.61332	0.24357	0.39778	0.34463
Kemeny-Young (NAIVE)	0.78914	0.98949	0.79089	0.99825	0.42640	0.29790	0.65187	0.20736	0.41414	0.36507
Kemeny-Young (THEORY)	0.76694	**0.99065**	0.76928	**0.99942**	0.40596	0.27687	0.62967	0.22897	0.41472	0.36682

Table 54: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 40, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.51168	**0.99007**	0.51285	**0.99766**	**0.22313**	**0.11273**	0.37442	**0.04206**	**0.10164**	**0.05315**
SimpleAvg	0.92348	0.93984	0.92465	0.94100	0.65012	0.54030	0.78621	0.07360	0.64136	0.59638
Borda (NAIVE)	0.60397	0.95561	0.60456	0.96437	0.33411	0.23131	0.46671	0.39369	0.35456	0.30841
Borda (THEORY)	0.51110	0.98715	0.51110	0.99591	0.24299	0.13668	0.37383	0.48715	0.27220	0.21787
RRF (NAIVE)	0.61682	0.98540	0.61857	0.99416	0.34813	0.24533	0.47956	0.37967	0.36449	0.31834
RRF (THEORY)	0.51285	0.98715	0.51285	0.99591	0.24825	0.14311	0.37558	0.48540	0.27044	0.21963
Schulze (NAIVE)	0.64311	0.90129	0.64428	0.91005	0.38143	0.27453	0.50584	0.35397	0.39544	0.34813
Schulze (THEORY)	**0.50701**	0.98949	**0.50759**	0.99708	0.24474	0.13843	**0.36974**	0.49065	0.26928	0.21612
Kemeny-Young (NAIVE)	0.58002	0.97664	0.58002	0.98540	0.31484	0.21203	0.44276	0.41822	0.33995	0.29381
Kemeny-Young (THEORY)	0.53096	0.98890	0.53213	**0.99766**	0.26519	0.16005	0.39369	0.46612	0.28621	0.23598

Table 55: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.41706	0.98715	0.41764	**0.99591**	0.15771	**0.05724**	0.27979	**0.09112**	**0.10339**	**0.06834**
SimpleAvg	0.90362	0.90829	0.90479	0.90771	0.66355	0.59287	0.76636	0.09346	0.64019	0.59638
Borda (NAIVE)	0.49241	0.89369	0.49241	0.90245	0.25935	0.19042	0.35514	0.50584	0.24241	0.20035
Borda (THEORY)	0.36157	**0.98773**	0.36215	0.99416	0.15713	0.08820	0.22430	0.63610	0.13259	0.09112
RRF (NAIVE)	0.49883	0.96904	0.49942	0.97780	0.26577	0.19860	0.36157	0.49883	0.24533	0.19977
RRF (THEORY)	0.36916	0.98598	0.36974	0.99357	0.17640	0.10689	0.23189	0.62850	0.13843	0.09579
Schulze (NAIVE)	0.52336	0.86507	0.52395	0.87150	0.28855	0.21554	0.38610	0.47430	0.27044	0.22605
Schulze (THEORY)	**0.35105**	0.98598	**0.35164**	0.99474	**0.15479**	0.08586	**0.21379**	0.64661	0.12383	0.08294
Kemeny-Young (NAIVE)	0.46437	0.93458	0.46495	0.94334	0.23773	0.17114	0.32710	0.53329	0.20911	0.16530
Kemeny-Young (THEORY)	0.38902	0.98540	0.38960	0.99416	0.17465	0.10748	0.25175	0.60864	0.15771	0.11507

Table 56: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.93808	0.99065	0.93750	**1.00000**	**0.34463**	**0.15654**	0.79965	0.00643	**0.15713**	**0.08061**
SimpleAvg	0.99007	**0.99182**	0.99533	0.99825	0.46437	0.29848	0.85280	**0.00292**	0.33528	0.27161
Borda (NAIVE)	0.96612	0.99007	0.96904	**1.00000**	0.44801	0.28096	0.82886	0.02921	0.31425	0.25818
Borda (THEORY)	**0.91998**	0.99065	**0.92231**	0.99942	0.42348	0.25350	**0.78271**	0.07593	0.27921	0.22255
RRF (NAIVE)	0.96963	0.98949	0.97196	0.99942	0.47313	0.30841	0.83236	0.02629	0.31776	0.26636
RRF (THEORY)	0.95035	0.99065	0.94977	0.99942	0.45093	0.27804	0.81308	0.04848	0.29030	0.22430
Schulze (NAIVE)	0.97722	0.98890	0.97956	0.99766	0.46203	0.29322	0.83995	0.01869	0.32009	0.26402
Schulze (THEORY)	0.94918	0.99065	0.94918	0.99942	0.45444	0.28213	0.81192	0.04907	0.29498	0.23306
Kemeny-Young (NAIVE)	0.96437	0.99007	0.96437	**1.00000**	0.46554	0.29556	0.82710	0.03388	0.31425	0.25584
Kemeny-Young (THEORY)	0.94393	0.99065	0.94393	0.99942	0.44276	0.26928	0.80607	0.05374	0.31484	0.25175

Table 57: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.82068**	**0.99065**	**0.82126**	**0.99942**	**0.33353**	**0.17699**	**0.68283**	**0.00993**	**0.11741**	**0.05374**
SimpleAvg	0.96787	0.98481	0.97255	0.99182	0.54614	0.40012	0.83061	0.02570	0.42815	0.37208
Borda (NAIVE)	0.91355	0.99007	0.91530	0.99883	0.49942	0.35572	0.77629	0.08294	0.39486	0.34229
Borda (THEORY)	0.85339	**0.99065**	0.85572	**0.99942**	0.45444	0.30607	0.71612	0.14252	0.35164	0.29614
RRF (NAIVE)	0.92056	0.99007	0.92348	0.99883	0.51869	0.37850	0.78329	0.07477	0.39661	0.34871
RRF (THEORY)	0.87500	**0.99065**	0.87558	**0.99942**	0.46554	0.30958	0.73773	0.12266	0.36974	0.31367
Schulze (NAIVE)	0.92815	0.97547	0.93049	0.98423	0.52804	0.38493	0.79089	0.06776	0.40421	0.35572
Schulze (THEORY)	0.86390	**0.99065**	0.86390	**0.99942**	0.45970	0.30783	0.72664	0.13435	0.35456	0.29790
Kemeny-Young (NAIVE)	0.89369	0.99007	0.89428	0.99883	0.48423	0.33528	0.75643	0.10397	0.37150	0.31951
Kemeny-Young (THEORY)	0.87442	**0.99065**	0.87675	**0.99942**	0.46846	0.31951	0.73715	0.12150	0.36857	0.31484

Table 58: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.60222**	**0.99065**	**0.60514**	**0.99942**	**0.25292**	**0.12909**	**0.46495**	**0.02103**	**0.05374**	**0.00993**
SimpleAvg	0.96612	0.98248	0.97021	0.98657	0.63785	0.52103	0.82886	0.02804	0.61799	0.57301
Borda (NAIVE)	0.75759	0.98248	0.75935	0.99124	0.45561	0.34112	0.62033	0.23890	0.43984	0.39486
Borda (THEORY)	0.68925	0.98890	0.69159	0.99766	0.37383	0.24591	0.55199	0.30666	0.39136	0.34112
RRF (NAIVE)	0.78154	0.98890	0.78446	0.99766	0.47196	0.35806	0.64428	0.21379	0.45794	0.41472
RRF (THEORY)	0.70152	0.98949	0.70327	0.99825	0.38785	0.26460	0.56425	0.29498	0.39895	0.35105
Schulze (NAIVE)	0.80900	0.93633	0.81075	0.94509	0.50759	0.39311	0.67173	0.18750	0.48072	0.43633
Schulze (THEORY)	0.68692	0.98773	0.68808	0.99650	0.37325	0.24883	0.54965	0.31016	0.37850	0.32944
Kemeny-Young (NAIVE)	0.73072	0.98949	0.73364	0.99825	0.43107	0.31951	0.59346	0.26460	0.39428	0.35047
Kemeny-Young (THEORY)	0.69334	0.99007	0.69451	0.99883	0.38493	0.25818	0.55607	0.30374	0.38435	0.33411

Table 59: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.46612	**0.98832**	0.46671	0.99533	0.20561	**0.10514**	0.32886	**0.05783**	**0.11332**	**0.06893**
SimpleAvg	0.88610	0.85631	0.88668	0.85748	0.62266	0.53446	0.74883	0.11157	0.61098	0.56951
Borda (NAIVE)	0.56133	0.91530	0.56192	0.92407	0.32535	0.23890	0.42407	0.43633	0.31659	0.27570
Borda (THEORY)	**0.43224**	0.98598	**0.43283**	0.99474	**0.20152**	0.11916	**0.29498**	0.56542	0.20911	0.16764
RRF (NAIVE)	0.56834	0.97956	0.56893	0.98832	0.33002	0.24124	0.43107	0.42932	0.31075	0.26752
RRF (THEORY)	0.43925	0.98657	0.43984	0.99533	0.22488	0.13727	0.30199	0.55841	0.21028	0.16998
Schulze (NAIVE)	0.58820	0.88785	0.58879	0.89661	0.34638	0.26285	0.45093	0.40946	0.33762	0.29731
Schulze (THEORY)	0.43516	0.98715	0.43516	0.99591	0.21787	0.13201	0.29790	0.56308	0.21145	0.17231
Kemeny-Young (NAIVE)	0.53388	0.95502	0.53446	0.96379	0.29790	0.21203	0.39661	0.46379	0.29498	0.25467
Kemeny-Young (THEORY)	0.46262	0.98773	0.46320	**0.99650**	0.23131	0.15304	0.32535	0.53505	0.22313	0.18341

Table 60: EXP2 Detailed Results: **Bloodmnist** with **DenseNet-121** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.33470	0.98189	0.33528	0.99182	**0.08937**	**0.00993**	0.19568	0.13727	**0.05199**	**0.00876**
SimpleAvg	0.89778	0.91180	0.89836	0.91180	0.69334	0.64836	0.76051	**0.09988**	0.65479	0.61974
Borda (NAIVE)	0.44100	0.85806	0.44159	0.86565	0.24182	0.19334	0.30374	0.55666	0.20970	0.17523
Borda (THEORY)	0.27453	0.98364	0.27512	0.99124	0.10105	0.05900	0.13727	0.72313	0.06133	0.02804
RRF (NAIVE)	0.44685	0.94743	0.44743	0.95502	0.24241	0.19509	0.30958	0.55082	0.21379	0.18107
RRF (THEORY)	0.30199	0.98364	0.30257	0.99124	0.13201	0.09930	0.16472	0.69568	0.08937	0.05607
Schulze (NAIVE)	0.47138	0.83236	0.47196	0.83995	0.26636	0.21145	0.33411	0.52629	0.24065	0.20736
Schulze (THEORY)	**0.26811**	0.98423	**0.26869**	**0.99299**	0.10572	0.07301	**0.13084**	0.72956	0.05607	0.02220
Kemeny-Young (NAIVE)	0.45853	0.88026	0.45911	0.88785	0.25876	0.21495	0.32126	0.53914	0.22956	0.19626
Kemeny-Young (THEORY)	0.31308	**0.98481**	0.31367	0.99241	0.13551	0.09638	0.17582	0.68458	0.09696	0.06075

4 BreastMNIST Results

Table 61: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 5, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.74359**	**0.80769**	0.92308	**1.00000**	0.01282	**0.01282**	**0.01282**	**0.02564**	**0.00000**	**0.00000**
SimpleAvg	0.78205	**0.80769**	0.94872	**1.00000**	0.03846	0.03846	0.05128	0.05128	0.05128	0.02564
Borda (NAIVE)	**0.74359**	**0.80769**	**0.91026**	**1.00000**	0.01282	0.06410	**0.01282**	0.08974	0.01282	0.01282
Borda (THEORY)	**0.74359**	**0.80769**	**0.91026**	**1.00000**	**0.00000**	0.05128	**0.01282**	0.08974	**0.00000**	0.02564
RRF (NAIVE)	**0.74359**	**0.80769**	0.93590	**1.00000**	**0.00000**	0.05128	**0.01282**	0.06410	0.01282	0.01282
RRF (THEORY)	0.75641	**0.80769**	0.94872	**1.00000**	0.02564	0.02564	0.02564	0.05128	0.02564	0.02564
Schulze (NAIVE)	**0.74359**	**0.80769**	0.93590	**1.00000**	**0.00000**	0.05128	**0.01282**	0.06410	0.01282	0.01282
Schulze (THEORY)	0.75641	**0.80769**	0.94872	**1.00000**	0.01282	0.03846	0.02564	0.05128	0.02564	0.02564
Kemeny-Young (NAIVE)	0.75641	**0.80769**	0.92308	**1.00000**	0.01282	0.06410	0.02564	0.07692	0.02564	**0.00000**
Kemeny-Young (THEORY)	0.75641	**0.80769**	0.92308	**1.00000**	0.01282	0.03846	0.02564	0.07692	0.01282	0.01282

Table 62: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 10, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.74359**	**0.80769**	**0.91026**	**1.00000**	0.01282	**0.00000**	**0.01282**	**0.03846**	**0.00000**	**0.00000**
SimpleAvg	**0.74359**	**0.80769**	**0.91026**	**1.00000**	0.01282	0.06410	**0.01282**	0.08974	0.01282	0.01282
Borda (NAIVE)	0.75641	**0.80769**	0.92308	**1.00000**	0.01282	0.03846	0.02564	0.07692	0.01282	0.01282
Borda (THEORY)	**0.74359**	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	**0.01282**	0.06410	0.01282	0.01282
RRF (NAIVE)	0.75641	**0.80769**	0.92308	**1.00000**	0.02564	0.05128	0.02564	0.07692	0.02564	**0.00000**
RRF (THEORY)	**0.74359**	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	**0.01282**	0.06410	0.01282	0.01282
Schulze (NAIVE)	**0.74359**	**0.80769**	**0.91026**	**1.00000**	0.01282	0.06410	**0.01282**	0.08974	0.01282	0.01282
Schulze (THEORY)	**0.74359**	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	**0.01282**	0.06410	0.01282	0.01282
Kemeny-Young (NAIVE)	**0.74359**	**0.80769**	**0.91026**	**1.00000**	**0.00000**	0.05128	**0.01282**	0.08974	0.01282	0.01282
Kemeny-Young (THEORY)	**0.74359**	**0.80769**	**0.91026**	**1.00000**	**0.00000**	0.07692	**0.01282**	0.08974	0.01282	0.01282

Table 63: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 20, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.73077	**0.82051**	**0.88462**	**1.00000**	**0.00000**	**0.01282**	**0.00000**	**0.05128**	**0.00000**	**0.00000**
SimpleAvg	0.73077	0.79487	0.92308	0.98718	0.01282	0.06410	**0.00000**	0.07692	0.01282	0.01282
Borda (NAIVE)	0.74359	0.80769	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
Borda (THEORY)	0.74359	0.80769	0.91026	**1.00000**	**0.00000**	0.05128	0.01282	0.08974	0.01282	0.01282
RRF (NAIVE)	0.74359	0.80769	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
RRF (THEORY)	0.74359	0.80769	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
Schulze (NAIVE)	0.75641	0.80769	0.94872	**1.00000**	0.02564	0.02564	0.02564	**0.05128**	0.02564	0.02564
Schulze (THEORY)	**0.71795**	0.80769	0.91026	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Kemeny-Young (NAIVE)	0.73077	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Kemeny-Young (THEORY)	0.74359	0.80769	0.91026	**1.00000**	**0.00000**	0.05128	0.01282	0.08974	0.01282	0.01282

Table 64: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 40, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.71795	**0.82051**	**0.88462**	**1.00000**	**0.00000**	**0.00000**	**0.00000**	**0.03846**	**0.00000**	**0.00000**
SimpleAvg	0.73077	0.79487	0.92308	0.98718	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Borda (NAIVE)	0.73077	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Borda (THEORY)	**0.70513**	0.80769	0.89744	**1.00000**	0.02564	0.07692	0.02564	0.10256	0.02564	0.02564
RRF (NAIVE)	0.73077	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
RRF (THEORY)	0.71795	0.80769	0.91026	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Schulze (NAIVE)	0.71795	**0.82051**	0.91026	0.98718	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Schulze (THEORY)	0.71795	0.80769	0.91026	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Kemeny-Young (NAIVE)	0.73077	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Kemeny-Young (THEORY)	0.71795	**0.82051**	0.91026	0.98718	0.01282	0.06410	0.01282	0.08974	0.03846	0.01282

Table 65: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.70513	**0.80769**	**0.87179**	**1.00000**	**0.00000**	**0.00000**	**0.00000**	**0.05128**	**0.00000**	**0.00000**
SimpleAvg	0.73077	0.78205	0.92308	0.97436	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Borda (NAIVE)	0.73077	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Borda (THEORY)	**0.67949**	**0.80769**	**0.87179**	**1.00000**	0.03846	0.08974	0.05128	0.12821	0.01282	0.01282
RRF (NAIVE)	0.73077	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
RRF (THEORY)	0.70513	**0.80769**	0.89744	**1.00000**	0.01282	0.06410	0.02564	0.10256	0.03846	0.03846
Schulze (NAIVE)	0.73077	0.79487	0.92308	0.98718	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Schulze (THEORY)	0.70513	**0.80769**	0.89744	**1.00000**	0.02564	0.07692	0.02564	0.10256	0.03846	0.03846
Kemeny-Young (NAIVE)	0.71795	**0.80769**	0.91026	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Kemeny-Young (THEORY)	0.71795	**0.80769**	0.91026	**1.00000**	**0.00000**	0.05128	0.01282	0.08974	0.01282	0.01282

Table 66: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	**0.00000**	**0.00000**	**0.01282**	**0.00000**	**0.00000**
SimpleAvg	**0.73077**	**0.80769**	0.92308	**1.00000**	0.01282	0.03846	**0.00000**	0.07692	**0.00000**	**0.00000**
Borda (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Borda (THEORY)	**0.73077**	**0.80769**	0.92308	**1.00000**	0.01282	0.03846	**0.00000**	0.07692	0.01282	0.01282
RRF (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
RRF (THEORY)	0.74359	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
Schulze (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Schulze (THEORY)	0.74359	**0.80769**	**0.91026**	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Kemeny-Young (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Kemeny-Young (THEORY)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282

Table 67: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.73077	**0.80769**	0.92308	**1.00000**	**0.00000**	**0.01282**	**0.00000**	**0.03846**	**0.00000**	**0.00000**
SimpleAvg	**0.71795**	**0.80769**	**0.91026**	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Borda (NAIVE)	0.73077	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
RRF (NAIVE)	0.74359	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
RRF (THEORY)	0.74359	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
Schulze (NAIVE)	0.74359	**0.80769**	0.93590	**1.00000**	0.01282	0.03846	0.01282	0.06410	0.01282	0.01282
Schulze (THEORY)	**0.71795**	**0.80769**	**0.91026**	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Kemeny-Young (NAIVE)	0.73077	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**

Table 68: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.73077**	**0.80769**	**0.89744**	**1.00000**	**0.00000**	**0.01282**	**0.00000**	**0.03846**	**0.00000**	**0.00000**
SimpleAvg	**0.73077**	0.79487	0.92308	0.98718	0.01282	0.03846	**0.00000**	0.07692	**0.00000**	**0.00000**
Borda (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Borda (THEORY)	**0.73077**	**0.80769**	0.92308	**1.00000**	0.01282	0.03846	**0.00000**	0.07692	0.01282	0.01282
RRF (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Schulze (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Schulze (THEORY)	**0.73077**	**0.80769**	0.92308	**1.00000**	0.01282	0.03846	**0.00000**	0.07692	0.01282	0.01282
Kemeny-Young (NAIVE)	**0.73077**	**0.80769**	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Kemeny-Young (THEORY)	0.74359	**0.80769**	0.91026	**1.00000**	**0.00000**	0.05128	0.01282	0.08974	0.01282	0.01282

Table 69: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.73077**	**0.82051**	**0.91026**	**1.00000**	**0.00000**	**0.02564**	**0.00000**	**0.05128**	**0.00000**	**0.00000**
SimpleAvg	0.74359	0.80769	**0.91026**	**1.00000**	**0.00000**	0.05128	0.01282	0.08974	0.01282	0.01282
Borda (NAIVE)	**0.73077**	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Borda (THEORY)	**0.73077**	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
RRF (NAIVE)	**0.73077**	**0.82051**	0.92308	0.98718	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
RRF (THEORY)	**0.73077**	0.80769	0.92308	0.97436	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Schulze (NAIVE)	**0.73077**	0.79487	0.92308	0.98718	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Schulze (THEORY)	**0.73077**	0.80769	0.92308	0.97436	**0.00000**	0.05128	**0.00000**	0.07692	0.01282	0.01282
Kemeny-Young (NAIVE)	**0.73077**	0.80769	0.92308	**1.00000**	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Kemeny-Young (THEORY)	0.74359	0.79487	**0.91026**	0.98718	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282

Table 70: EXP2 Detailed Results: **Breastmnist** with **ResNet-18** ($k = 60, p = 16$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.71795**	**0.80769**	**0.88462**	**1.00000**	**0.00000**	**0.03846**	**0.00000**	**0.06410**	**0.00000**	**0.00000**
SimpleAvg	0.74359	0.76923	0.91026	0.96154	0.01282	0.06410	0.01282	0.08974	0.02564	**0.00000**
Borda (NAIVE)	0.73077	0.78205	0.92308	0.97436	0.01282	**0.03846**	**0.00000**	0.07692	**0.00000**	**0.00000**
Borda (THEORY)	0.73077	**0.80769**	0.92308	**1.00000**	0.01282	**0.03846**	**0.00000**	0.07692	0.01282	0.01282
RRF (NAIVE)	0.74359	**0.80769**	0.91026	**1.00000**	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Schulze (NAIVE)	0.74359	0.78205	0.91026	0.97436	0.01282	0.06410	0.01282	0.08974	**0.00000**	0.02564
Schulze (THEORY)	**0.71795**	0.79487	0.91026	0.98718	0.01282	0.06410	0.01282	0.08974	0.01282	0.01282
Kemeny-Young (NAIVE)	0.73077	0.78205	0.92308	0.97436	**0.00000**	0.05128	**0.00000**	0.07692	**0.00000**	**0.00000**
Kemeny-Young (THEORY)	0.73077	0.79487	0.92308	0.98718	0.01282	**0.03846**	**0.00000**	0.07692	0.01282	0.01282

Table 71: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 5, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.80769	**0.89744**	0.91026	**0.98718**	0.07692	**0.02564**	0.41026	**0.00000**	0.07692	**0.02564**
SimpleAvg	0.82051	0.87179	0.94872	0.97436	0.08974	0.05128	0.47436	0.01282	0.08974	0.05128
Borda (NAIVE)	0.80769	0.87179	0.93590	0.94872	0.07692	0.06410	0.44872	0.01282	0.07692	0.06410
Borda (THEORY)	0.80769	0.83333	0.93590	0.96154	0.07692	0.06410	0.46154	**0.00000**	0.07692	0.06410
RRF (NAIVE)	0.83333	0.88462	**0.88462**	0.96154	0.10256	0.11538	0.50000	0.03846	0.10256	0.11538
RRF (THEORY)	0.79487	0.87179	0.92308	0.97436	0.06410	0.07692	0.41026	0.02564	0.06410	0.07692
Schulze (NAIVE)	0.80769	0.88462	0.93590	0.96154	0.07692	0.06410	0.42308	0.01282	0.07692	0.06410
Schulze (THEORY)	**0.78205**	0.88462	**0.88462**	0.96154	**0.05128**	0.11538	**0.37179**	0.06410	**0.05128**	0.11538
Kemeny-Young (NAIVE)	0.80769	0.88462	0.93590	0.96154	0.07692	0.06410	0.47436	0.01282	0.07692	0.06410
Kemeny-Young (THEORY)	0.80769	0.88462	0.93590	**0.98718**	0.07692	0.06410	0.44872	0.01282	0.07692	0.06410

Table 72: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 10, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.78205	**0.89744**	0.91026	**0.96154**	0.05128	**0.02564**	0.37179	**0.00000**	0.05128	**0.02564**
SimpleAvg	**0.75641**	0.84615	**0.88462**	0.94872	**0.02564**	0.11538	**0.35897**	0.07692	**0.02564**	0.11538
Borda (NAIVE)	0.79487	0.85897	0.92308	**0.96154**	0.06410	0.07692	0.38462	**0.00000**	0.05128	0.06410
Borda (THEORY)	0.78205	0.85897	0.91026	0.91026	0.05128	0.08974	0.39744	0.01282	0.05128	0.08974
RRF (NAIVE)	0.79487	0.85897	0.92308	**0.96154**	0.06410	0.07692	0.43590	**0.00000**	0.06410	0.07692
RRF (THEORY)	0.78205	0.85897	0.91026	**0.96154**	0.05128	0.08974	0.42308	0.01282	0.05128	0.08974
Schulze (NAIVE)	0.80769	0.85897	0.93590	0.93590	0.07692	0.06410	0.44872	0.03846	0.07692	0.06410
Schulze (THEORY)	0.76923	0.87179	0.89744	0.94872	0.03846	0.10256	0.41026	0.05128	0.05128	0.08974
Kemeny-Young (NAIVE)	0.83333	0.87179	0.96154	0.94872	0.10256	0.03846	0.44872	0.06410	0.08974	**0.02564**
Kemeny-Young (THEORY)	0.78205	0.85897	0.91026	0.93590	0.05128	0.08974	0.37179	0.01282	0.05128	0.08974

Table 73: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 20, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.76923	0.88462	0.87179	**0.97436**	0.03846	**0.02564**	**0.23077**	0.03846	0.02564	**0.02564**
SimpleAvg	0.83333	0.85897	0.93590	0.91026	0.10256	0.06410	0.41026	**0.00000**	0.10256	0.06410
Borda (NAIVE)	0.78205	0.82051	0.91026	0.89744	0.05128	0.08974	0.39744	0.11538	0.03846	0.07692
Borda (THEORY)	0.78205	0.84615	0.88462	0.89744	0.05128	0.11538	0.34615	0.01282	0.03846	0.10256
RRF (NAIVE)	0.79487	0.83333	0.92308	0.91026	0.06410	0.07692	0.44872	0.08974	0.05128	0.06410
RRF (THEORY)	**0.74359**	**0.89744**	0.87179	0.94872	**0.01282**	0.12821	0.26923	0.03846	0.01282	0.12821
Schulze (NAIVE)	0.76923	0.85897	0.89744	0.91026	0.03846	0.10256	0.33333	0.05128	0.02564	0.08974
Schulze (THEORY)	**0.74359**	0.87179	**0.84615**	0.94872	**0.01282**	0.15385	0.25641	**0.00000**	**0.00000**	0.14103
Kemeny-Young (NAIVE)	0.80769	0.83333	0.93590	0.91026	0.07692	0.06410	0.39744	0.08974	0.06410	0.05128
Kemeny-Young (THEORY)	0.79487	0.82051	0.89744	0.92308	0.06410	0.10256	0.37179	0.03846	0.05128	0.08974

Table 74: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 40, p = 14$).

Method	$\mathcal{F}^d\downarrow$	$\bar{\mathcal{F}}^d\uparrow$	$\mathcal{C}^d\downarrow$	$\bar{\mathcal{C}}^d\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.73077	0.87179	0.80769	0.93590	**0.00000**	**0.06410**	**0.11538**	0.07692	**0.00000**	0.05128
SimpleAvg	0.82051	0.83333	0.92308	0.85897	0.08974	0.07692	0.37179	**0.03846**	0.08974	0.07692
Borda (NAIVE)	0.73077	0.83333	0.85897	0.85897	**0.00000**	0.14103	0.19231	0.16667	**0.00000**	0.11538
Borda (THEORY)	0.69231	0.85897	**0.74359**	**0.96154**	0.03846	0.25641	0.14103	**0.03846**	0.05128	0.24359
RRF (NAIVE)	0.76923	0.85897	0.89744	0.85897	0.03846	0.10256	0.26923	0.26923	0.02564	**0.03846**
RRF (THEORY)	0.70513	0.85897	0.80769	0.88462	0.02564	0.19231	0.19231	0.08974	0.03846	0.17949
Schulze (NAIVE)	0.79487	0.83333	0.89744	0.88462	0.06410	0.10256	0.29487	0.21795	0.06410	0.05128
Schulze (THEORY)	**0.67949**	**0.88462**	0.80769	0.85897	0.05128	0.19231	0.12821	0.07692	0.06410	0.17949
Kemeny-Young (NAIVE)	0.76923	0.82051	0.87179	0.84615	0.03846	0.12821	0.24359	0.19231	0.01282	0.07692
Kemeny-Young (THEORY)	0.71795	0.85897	0.79487	0.88462	0.01282	0.20513	0.17949	0.15385	0.01282	0.20513

Table 75: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 60, p = 14$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.66667	**0.88462**	**0.69231**	**0.88462**	**0.00000**	**0.07692**	**0.00000**	0.24359	**0.00000**	**0.06410**
SimpleAvg	0.70513	0.74359	0.78205	0.76923	0.02564	0.21795	0.19231	**0.06410**	0.02564	0.21795
Borda (NAIVE)	0.71795	0.83333	0.79487	0.83333	0.01282	0.20513	0.08974	0.37179	**0.00000**	0.14103
Borda (THEORY)	**0.62821**	0.87179	0.70513	0.87179	0.10256	0.29487	0.01282	0.21795	0.10256	0.29487
RRF (NAIVE)	0.71795	0.83333	0.79487	0.83333	0.01282	0.20513	0.01282	0.42308	0.01282	0.15385
RRF (THEORY)	0.67949	0.83333	0.78205	0.80769	0.05128	0.21795	0.06410	0.26923	0.08974	0.15385
Schulze (NAIVE)	0.69231	0.82051	0.82051	0.82051	0.03846	0.17949	0.06410	0.39744	0.06410	0.12821
Schulze (THEORY)	0.65385	0.80769	0.75641	0.80769	0.07692	0.24359	0.03846	0.39744	0.08974	0.17949
Kemeny-Young (NAIVE)	0.69231	0.75641	0.82051	0.75641	0.03846	0.17949	0.03846	0.47436	0.03846	0.12821
Kemeny-Young (THEORY)	0.69231	0.79487	0.76923	0.79487	0.03846	0.23077	0.05128	0.38462	0.06410	0.15385

Table 76: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 5, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.78205**	**0.89744**	**0.91026**	**1.00000**	**0.05128**	**0.03846**	**0.37179**	**0.00000**	**0.05128**	**0.03846**
SimpleAvg	0.80769	0.85897	0.93590	0.96154	0.07692	0.06410	**0.37179**	0.01282	0.07692	0.06410
Borda (NAIVE)	0.82051	0.88462	0.94872	0.96154	0.08974	0.05128	0.42308	0.06410	0.08974	0.05128
Borda (THEORY)	0.80769	0.88462	0.93590	0.93590	0.07692	0.06410	0.39744	0.01282	0.07692	0.06410
RRF (NAIVE)	0.82051	0.88462	0.94872	0.96154	0.08974	0.05128	0.42308	0.01282	0.08974	0.05128
RRF (THEORY)	0.82051	0.87179	0.94872	0.97436	0.08974	0.05128	0.38462	**0.00000**	0.08974	0.05128
Schulze (NAIVE)	0.80769	0.87179	0.93590	0.94872	0.07692	0.06410	0.43590	**0.00000**	0.07692	0.06410
Schulze (THEORY)	0.79487	0.87179	0.92308	**1.00000**	0.06410	0.07692	0.41026	0.02564	0.06410	0.07692
Kemeny-Young (NAIVE)	0.82051	0.87179	0.94872	0.97436	0.08974	0.05128	0.43590	0.02564	0.08974	0.05128
Kemeny-Young (THEORY)	0.80769	0.85897	0.93590	0.96154	0.07692	0.06410	0.39744	0.01282	0.07692	0.06410

Table 77: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 10, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	**0.76923**	**0.89744**	**0.87179**	**0.97436**	**0.03846**	**0.05128**	**0.29487**	**0.01282**	**0.03846**	**0.05128**
SimpleAvg	0.78205	**0.89744**	0.91026	0.94872	0.05128	0.08974	0.37179	**0.01282**	0.05128	0.08974
Borda (NAIVE)	0.82051	0.87179	0.94872	0.94872	0.08974	**0.05128**	0.39744	0.03846	0.08974	**0.05128**
Borda (THEORY)	0.78205	0.87179	0.91026	0.92308	0.05128	0.08974	0.37179	**0.01282**	0.05128	0.08974
RRF (NAIVE)	0.82051	0.88462	0.94872	0.96154	0.08974	**0.05128**	0.42308	0.06410	0.08974	**0.05128**
RRF (THEORY)	0.79487	0.87179	0.92308	0.94872	0.06410	0.07692	0.37179	**0.01282**	0.07692	0.06410
Schulze (NAIVE)	0.79487	0.87179	0.92308	0.94872	0.06410	0.07692	0.38462	0.05128	0.06410	0.07692
Schulze (THEORY)	0.78205	0.85897	0.91026	0.93590	0.05128	0.08974	0.42308	**0.01282**	0.05128	0.08974
Kemeny-Young (NAIVE)	0.82051	0.87179	0.94872	0.94872	0.08974	**0.05128**	0.42308	0.03846	0.08974	**0.05128**
Kemeny-Young (THEORY)	0.82051	**0.89744**	0.94872	0.94872	0.08974	**0.05128**	0.35897	0.02564	0.08974	**0.05128**

Table 78: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 20, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.75641	**0.92308**	0.87179	**0.94872**	0.02564	**0.03846**	**0.20513**	0.06410	**0.00000**	**0.03846**
SimpleAvg	0.78205	**0.92308**	0.91026	0.89744	0.05128	0.08974	0.29487	**0.01282**	0.05128	0.08974
Borda (NAIVE)	0.76923	0.87179	0.89744	**0.94872**	0.03846	0.10256	0.25641	0.05128	0.03846	0.10256
Borda (THEORY)	**0.74359**	0.83333	0.87179	0.91026	**0.01282**	0.12821	0.32051	**0.01282**	**0.00000**	0.11538
RRF (NAIVE)	0.79487	0.87179	0.89744	0.89744	0.06410	0.10256	0.30769	0.15385	0.07692	0.08974
RRF (THEORY)	0.76923	0.89744	0.89744	0.92308	0.03846	0.10256	0.26923	0.06410	0.05128	0.08974
Schulze (NAIVE)	0.78205	0.89744	0.91026	0.92308	0.05128	0.08974	0.25641	0.17949	0.05128	0.08974
Schulze (THEORY)	0.76923	0.88462	0.89744	0.91026	0.03846	0.10256	0.38462	0.10256	0.05128	0.08974
Kemeny-Young (NAIVE)	0.78205	0.85897	0.91026	0.93590	0.05128	0.08974	0.30769	0.12821	0.05128	0.06410
Kemeny-Young (THEORY)	0.75641	0.89744	**0.85897**	0.89744	0.02564	0.14103	0.35897	0.05128	0.01282	0.12821

Table 79: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 40, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.73077	**0.89744**	**0.76923**	**0.91026**	**0.00000**	**0.08974**	**0.02564**	0.20513	0.01282	0.07692
SimpleAvg	0.74359	0.80769	0.87179	0.88462	0.01282	0.12821	0.19231	0.24359	0.01282	0.12821
Borda (NAIVE)	0.74359	0.85897	0.84615	**0.91026**	0.01282	0.15385	0.08974	0.34615	0.01282	0.12821
Borda (THEORY)	**0.67949**	0.84615	0.78205	0.87179	0.05128	0.21795	0.12821	**0.15385**	0.03846	0.17949
RRF (NAIVE)	0.71795	0.83333	0.84615	0.85897	0.01282	0.15385	0.06410	0.37179	0.01282	0.15385
RRF (THEORY)	**0.67949**	0.83333	0.80769	0.85897	0.05128	0.19231	0.07692	0.28205	0.03846	0.17949
Schulze (NAIVE)	0.74359	0.84615	0.87179	0.89744	0.01282	0.12821	0.14103	0.34615	0.02564	0.11538
Schulze (THEORY)	0.70513	0.88462	0.83333	0.88462	0.02564	0.16667	0.06410	0.26923	0.01282	0.12821
Kemeny-Young (NAIVE)	0.75641	0.87179	0.88462	0.87179	0.02564	0.11538	0.15385	0.43590	**0.00000**	**0.06410**
Kemeny-Young (THEORY)	**0.67949**	0.85897	0.78205	0.88462	0.05128	0.21795	0.10256	0.28205	0.03846	0.17949

Table 80: EXP2 Detailed Results: **Breastmnist** with **DenseNet-121** ($k = 60, p = 16$).

Method	$\mathcal{F}^{d}\downarrow$	$\bar{\mathcal{F}}^{d}\uparrow$	$\mathcal{C}^{d}\downarrow$	$\bar{\mathcal{C}}^{d}\uparrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{g},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{p},d}\downarrow$	$\mathcal{R}_{\mathrm{F}}^{\mathrm{s},d}\downarrow$	$\mathcal{R}_{\mathrm{C}}^{\mathrm{s},d}\downarrow$
Best Explanation	0.67949	0.85897	**0.73077**	**0.88462**	**0.00000**	**0.11538**	**0.00000**	0.30769	**0.00000**	**0.03846**
SimpleAvg	0.70513	0.73077	0.80769	0.75641	0.02564	0.19231	0.08974	**0.26923**	0.02564	0.19231
Borda (NAIVE)	**0.65385**	0.78205	0.78205	0.80769	0.07692	0.21795	0.03846	0.50000	0.10256	0.16667
Borda (THEORY)	**0.65385**	0.79487	**0.73077**	0.84615	0.07692	0.26923	0.02564	0.41026	0.06410	0.20513
RRF (NAIVE)	0.74359	0.80769	0.84615	0.80769	0.01282	0.15385	0.07692	0.51282	0.06410	0.07692
RRF (THEORY)	0.69231	0.80769	0.82051	0.80769	0.03846	0.17949	0.11538	0.39744	**0.00000**	0.11538
Schulze (NAIVE)	0.66667	0.79487	0.79487	0.79487	0.06410	0.20513	0.03846	0.50000	0.05128	0.14103
Schulze (THEORY)	0.69231	**0.87179**	0.82051	0.87179	0.03846	0.17949	0.06410	0.37179	0.07692	0.06410
Kemeny-Young (NAIVE)	0.74359	0.79487	0.82051	0.82051	0.01282	0.17949	0.11538	0.52564	0.01282	0.05128
Kemeny-Young (THEORY)	0.69231	0.84615	0.74359	0.84615	0.03846	0.25641	0.01282	0.37179	0.02564	0.16667