Dataset	kNN (1)	SB (2)	OSB (3)	KNORAU (4)
glass4	0.734 ± 0.066	0.739 ± 0.076	0.861 ± 0.150	0.747 ± 0.067
ecoli-0-2-3-4-vs-5	0.861 ± 0.077	0.886 ± 0.080	0.906 ± 0.095	0.867 ± 0.080
glass-0-1-6-vs-2	0.550 ± 0.070	0.514 ± 0.034	0.737 ± 0.192	0.547 ± 0.068
ecoli-0-1-vs-5	0.873 ± 0.075	0.898 ± 0.091	0.895 ± 0.088 [2]	0.873 ± 0.075
yeast-1-4-5-8-vs-7	0.494 ± 0.010	0.492 ± 0.009	0.564 ± 0.096	0.491 ± 0.012
ecoli4	0.876 ± 0.079	0.875 ± 0.079	0.873 ± 0.082	0.878 ± 0.079
led7digit-0-2-4-5-6-7-8-9-vs-1	0.597 ± 0.087	0.617 ± 0.136	0.817 ± 0.138	0.628 ± 0.122
glass5	0.541 ± 0.187	0.541 ± 0.194	0.832 ± 0.128 [1,4]	0.544 ± 0.190
ecoli-0-3-4-6-vs-5	0.859 ± 0.079	0.884 ± 0.078	0.898 ± 0.090	0.859 ± 0.085
yeast-0-5-6-7-9-vs-4	0.626 ± 0.036	0.614 ± 0.044	0.743 ± 0.072	0.634 ± 0.050
yeast6	0.725 ± 0.082	0.697 ± 0.082	0.829 ± 0.054 [all]	0.695 ± 0.083
ecoli-0-6-7-vs-5	0.818 ± 0.132	0.845 ± 0.149	0.865 ± 0.092	0.823 ± 0.129
glass-0-1-6-vs-5	0.531 ± 0.202	0.531 ± 0.202	0.867 ± 0.147	0.529 ± 0.207
ecoli-0-1-3-7-vs-2-6	0.898 ± 0.199	0.898 ± 0.199	0.876 ± 0.189	0.898 ± 0.199
yeast-0-2-5-6-vs-3-7-8-9	0.686 ± 0.101	0.706 ± 0.104	0.749 ± 0.105	0.712 ± 0.117
ecoli-0-1-4-7-vs-5-6	0.784 ± 0.111	0.785 ± 0.108	0.821 ± 0.154	0.812 ± 0.088
yeast5	0.804 ± 0.078	0.826 ± 0.031	0.943 ± 0.041	0.826 ± 0.059
shuttle-c2-vs-c4	0.600 ± 0.200	0.600 ± 0.200	1.000 ± 0.000 [all]	0.750 ± 0.223
ecoli-0-1-4-7-vs-2-3-5-6	0.774 ± 0.124	0.813 ± 0.114	0.811 ± 0.092 [1,2]	0.813 ± 0.114
yeast-0-3-5-9-vs-7-8	0.611 ± 0.115	0.604 ± 0.121	0.661 ± 0.103	0.600 ± 0.122
yeast-1-vs-7	0.517 ± 0.033	0.517 ± 0.033	0.714 ± 0.053	0.550 ± 0.040
yeast-1-2-8-9-vs-7	0.516 ± 0.033	0.514 ± 0.034	0.560 ± 0.064 [all]	0.513 ± 0.035
ecoli-0-1-4-6-vs-5	0.865 ± 0.080	0.896 ± 0.092	0.917 ± 0.097	0.871 ± 0.079
glass-0-1-5-vs-2	0.514 ± 0.052	0.520 ± 0.066	0.713 ± 0.164	0.584 ± 0.125
yeast-2-vs-4	0.838 ± 0.071	0.840 ± 0.077	0.863 ± 0.098	0.829 ± 0.071
glass-0-6-vs-5	0.645 ± 0.204	0.745 ± 0.217	0.929 ± 0.094	0.745 ± 0.217
glass2	0.543 ± 0.076	0.546 ± 0.079	0.619 ± 0.108	0.546 ± 0.079
yeast-2-vs-8	0.774 ± 0.120	0.774 ± 0.120	0.765 ± 0.122	0.774 ± 0.120
vowel0	0.706 ± 0.119	0.745 ± 0.161	0.754 ± 0.173	0.728 ± 0.139
glass-0-4-vs-5	0.750 ± 0.158	0.756 ± 0.158	0.900 ± 0.122	0.750 ± 0.158
glass-0-1-4-6-vs-2	0.523 ± 0.066	0.520 ± 0.068	0.724 ± 0.187	0.548 ± 0.066
yeast4	0.577 ± 0.040	0.576 ± 0.040	0.717 ± 0.070	0.576 ± 0.039
ecoli-0-4-6-vs-5	0.858 ± 0.079	0.883 ± 0.078	0.897 ± 0.090 [all]	0.856 ± 0.081
page-blocks-1-3-vs-4	0.662 ± 0.088	0.697 ± 0.130	0.902 ± 0.090	0.697 ± 0.132
yeast-0-2-5-7-9-vs-3-6-8	0.826 ± 0.150	0.825 ± 0.149	0.832 ± 0.155 [all]	0.826 ± 0.147
ecoli-0-1-vs-2-3-5	0.833 ± 0.095	0.838 ± 0.147	0.830 ± 0.104	0.838 ± 0.147
ecoli-0-6-7-vs-3-5	0.818 ± 0.111	0.845 ± 0.130	0.860 ± 0.079	0.863 ± 0.110
ecoli-0-3-4-7-vs-5-6	0.787 ± 0.095	0.787 ± 0.095	0.817 ± 0.131	0.785 ± 0.098
ecoli-0-2-6-7-vs-3-5	0.818 ± 0.111	0.845 ± 0.130	0.863 ± 0.081	0.845 ± 0.130
shuttle-c0-vs-c4	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008	0.992 ± 0.009
ecoli-0-3-4-vs-5	0.861 ± 0.077	0.886 ± 0.080	0.903 ± 0.090	0.858 ± 0.079

Table 1: Results for BAC metric

Dataset	kNN (1)	SB (2)	OSB (3)	KNORAU (4)
glass4	0.700 ± 0.085	0.704 ± 0.093	0.828 ± 0.190	0.710 ± 0.089
ecoli-0-2-3-4-vs-5	0.848 ± 0.090	0.874 ± 0.095	0.895 ± 0.109	0.854 ± 0.093
glass-0-1-6-vs-2	0.213 ± 0.261	0.096 ± 0.191	0.631 ± 0.352	0.211 ± 0.260
ecoli-0-1-vs-5	0.859 ± 0.089	0.886 ± 0.106	0.883 ± 0.103[2]	0.859 ± 0.089
yeast-1-4-5-8-vs-7	0.000 ± 0.000	0.000 ± 0.000	0.376 ± 0.218	0.000 ± 0.000
ecoli4	0.862 ± 0.092	0.861 ± 0.092	0.858 ± 0.098[all]	0.864 ± 0.093
led7digit-0-2-4-5-6-7-8-9-vs-1	0.355 ± 0.295	0.369 ± 0.340	0.807 ± 0.147	0.462 ± 0.277
glass5	0.279 ± 0.342	0.281 ± 0.344	0.803 ± 0.152[1,4]	0.281 ± 0.344
ecoli-0-3-4-6-vs-5	0.846 ± 0.091	0.871 ± 0.093	0.886 ± 0.105	0.846 ± 0.096
yeast-0-5-6-7-9-vs-4	0.529 ± 0.083	0.494 ± 0.116	0.711 ± 0.098	0.532 ± 0.103
yeast6	0.663 ± 0.121	0.619 ± 0.120	0.814 ± 0.063[all]	0.618 ± 0.121
ecoli-0-6-7-vs-5	0.782 ± 0.174	0.811 ± 0.192	0.854 ± 0.102	0.786 ± 0.172
glass-0-1-6-vs-5	0.279 ± 0.341	0.279 ± 0.341	0.841 ± 0.182	0.279 ± 0.341
ecoli-0-1-3-7-vs-2-6	0.798 ± 0.399	0.798 ± 0.399	0.776 ± 0.388	0.798 ± 0.399
yeast-0-2-5-6-vs-3-7-8-9	0.605 ± 0.167	0.630 ± 0.178	0.730 ± 0.117	0.646 ± 0.177
ecoli-0-1-4-7-vs-5-6	0.755 ± 0.130	0.756 ± 0.129	0.814 ± 0.157	0.789 ± 0.105
yeast5	0.774 ± 0.108	0.808 ± 0.038	0.942 ± 0.043	0.806 ± 0.076
shuttle-c2-vs-c4	0.200 ± 0.400	0.200 ± 0.400	1.000 ± 0.000[all]	0.541 ± 0.454
ecoli-0-1-4-7-vs-2-3-5-6	0.740 ± 0.139	0.788 ± 0.132	0.796 ± 0.099[1,2]	0.788 ± 0.132
yeast-0-3-5-9-vs-7-8	0.426 ± 0.266	0.364 ± 0.317	0.615 ± 0.137	0.363 ± 0.317
yeast-1-vs-7	0.082 ± 0.163	0.082 ± 0.163	0.677 ± 0.073	0.245 ± 0.200
yeast-1-2-8-9-vs-7	0.082 ± 0.163	0.082 ± 0.163	0.354 ± 0.188[all]	0.082 ± 0.163
ecoli-0-1-4-6-vs-5	0.853 ± 0.093	0.884 ± 0.106	0.907 ± 0.112	0.858 ± 0.092
glass-0-1-5-vs-2	0.110 ± 0.219	0.114 ± 0.227	0.611 ± 0.323	0.272 ± 0.339
yeast-2-vs-4	0.818 ± 0.095	0.820 ± 0.101	0.848 ± 0.121[1,2]	0.807 ± 0.094
glass-0-6-vs-5	0.341 ± 0.428	0.536 ± 0.449	0.920 ± 0.110	0.536 ± 0.449
glass2	0.212 ± 0.260	0.214 ± 0.263	0.488 ± 0.265	0.214 ± 0.263
yeast-2-vs-8	0.723 ± 0.157	0.723 ± 0.157	0.717 ± 0.157	0.723 ± 0.157
vowel0	0.573 ± 0.298	0.619 ± 0.335	0.630 ± 0.346	0.601 ± 0.318
glass-0-4-vs-5	0.624 ± 0.332	0.633 ± 0.334	0.883 ± 0.143	0.624 ± 0.332
glass-0-1-4-6-vs-2	0.114 ± 0.227	0.114 ± 0.227	0.619 ± 0.345	0.211 ± 0.260
yeast4	0.385 ± 0.096	0.384 ± 0.096	0.663 ± 0.114[1,2]	0.384 ± 0.095
ecoli-0-4-6-vs-5	0.846 ± 0.091	0.871 ± 0.093	0.885 ± 0.105[all]	0.843 ± 0.092
page-blocks-1-3-vs-4	0.523 ± 0.266	0.565 ± 0.303	0.892 ± 0.104	0.566 ± 0.304
yeast-0-2-5-7-9-vs-3-6-8	0.779 ± 0.233	0.778 ± 0.232	0.788 ± 0.237[all]	0.779 ± 0.231
ecoli-0-1-vs-2-3-5	0.807 ± 0.117	0.797 ± 0.200	0.808 ± 0.125	0.797 ± 0.200
ecoli-0-6-7-vs-3-5	0.791 ± 0.131	0.819 ± 0.154	0.848 ± 0.087	0.845 ± 0.125
ecoli-0-3-4-7-vs-5-6	0.756 ± 0.120	0.756 ± 0.120	0.809 ± 0.138	0.755 ± 0.122
ecoli-0-2-6-7-vs-3-5	0.791 ± 0.131	0.819 ± 0.154	0.851 ± 0.089	0.819 ± 0.154
shuttle-c0-vs-c4	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008	0.992 ± 0.009
ecoli-0-3-4-vs-5	0.848 ± 0.090	0.874 ± 0.095	0.891 ± 0.105	0.846 ± 0.091

Table 2: Results for GMEAN metric