

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.847 ± 0.132	0.847 ± 0.132	0.824 ± 0.167	0.820 ± 0.168	0.803 ± 0.168	0.811 ± 0.168
<i>ecoli-0-2-3-4-vs-5</i>	0.845 ± 0.097	0.845 ± 0.097	0.883 ± 0.093	0.891 ± 0.086	0.896 ± 0.089	0.898 ± 0.090
<i>glass-0-1-6-vs-2</i>	0.557 ± 0.104	0.557 ± 0.104	0.672 ± 0.136	0.655 ± 0.135	0.677 ± 0.143	0.675 ± 0.136
<i>ecoli-0-1-vs-5</i>	0.866 ± 0.099	0.866 ± 0.099	0.877 ± 0.089	0.893 ± 0.086	0.892 ± 0.087	0.897 ± 0.085
<i>yeast-1-4-5-8-vs-7</i>	0.506 ± 0.027	0.506 ± 0.027	0.566 ± 0.075	0.576 ± 0.088	0.549 ± 0.072	0.566 ± 0.080
<i>ecoli4</i>	0.873 ± 0.105	0.873 ± 0.105	0.900 ± 0.094	0.900 ± 0.094	0.910 ± 0.100	0.908 ± 0.100
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.881 ± 0.074	0.881 ± 0.074	0.640 ± 0.084	0.866 ± 0.113	0.643 ± 0.080	0.861 ± 0.109
<i>glass5</i>	0.847 ± 0.179	0.847 ± 0.179	0.880 ± 0.173	0.889 ± 0.171	0.926 ± 0.140	0.928 ± 0.147
<i>ecoli-0-3-4-6-vs-5</i>	0.834 ± 0.114	0.834 ± 0.114	0.889 ± 0.111	0.892 ± 0.102	0.893 ± 0.105	0.893 ± 0.105
<i>yeast-0-5-6-7-9-vs-4</i>	0.666 ± 0.090	0.665 ± 0.090	0.780 ± 0.055	0.779 ± 0.062	0.770 ± 0.066	0.775 ± 0.073
<i>yeast6</i>	0.711 ± 0.086	0.711 ± 0.086	0.794 ± 0.090	0.803 ± 0.082	0.794 ± 0.100	0.799 ± 0.096
<i>ecoli-0-6-7-vs-5</i>	0.865 ± 0.122	0.865 ± 0.122	0.871 ± 0.102	0.871 ± 0.104	0.868 ± 0.104	0.866 ± 0.105
<i>glass-0-1-6-vs-5</i>	0.903 ± 0.137	0.903 ± 0.137	0.852 ± 0.166	0.858 ± 0.165	0.905 ± 0.139	0.911 ± 0.129
<i>ecoli-0-1-3-7-vs-2-6</i>	0.718 ± 0.221	0.718 ± 0.221	0.844 ± 0.200	0.842 ± 0.199	0.843 ± 0.201	0.838 ± 0.198
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.720 ± 0.049	0.720 ± 0.049	0.758 ± 0.055	0.762 ± 0.056	0.754 ± 0.057	0.758 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	0.820 ± 0.087	0.820 ± 0.087	0.864 ± 0.105	0.874 ± 0.095	0.891 ± 0.081	0.889 ± 0.084
<i>yeast5</i>	0.810 ± 0.078	0.810 ± 0.078	0.900 ± 0.068	0.908 ± 0.067	0.913 ± 0.056	0.915 ± 0.057
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	0.970 ± 0.107	0.970 ± 0.107	0.970 ± 0.107	0.970 ± 0.107
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.804 ± 0.095	0.809 ± 0.097	0.843 ± 0.091	0.835 ± 0.094	0.853 ± 0.078	0.844 ± 0.080
<i>yeast-0-3-5-9-vs-7-8</i>	0.596 ± 0.055	0.596 ± 0.055	0.647 ± 0.064	0.656 ± 0.077	0.647 ± 0.073	0.668 ± 0.079
<i>yeast-1-vs-7</i>	0.551 ± 0.048	0.551 ± 0.048	0.664 ± 0.095	0.690 ± 0.103	0.642 ± 0.102	0.669 ± 0.102
<i>yeast-1-2-8-9-vs-7</i>	0.566 ± 0.059	0.566 ± 0.059	0.639 ± 0.092	0.659 ± 0.111	0.618 ± 0.083	0.654 ± 0.096
<i>ecoli-0-1-4-6-vs-5</i>	0.828 ± 0.097	0.828 ± 0.097	0.877 ± 0.076	0.886 ± 0.079	0.883 ± 0.084	0.885 ± 0.085
<i>glass-0-1-5-vs-2</i>	0.567 ± 0.104	0.567 ± 0.104	0.651 ± 0.119	0.656 ± 0.115	0.689 ± 0.135	0.701 ± 0.132
<i>yeast-2-vs-4</i>	0.816 ± 0.074	0.816 ± 0.074	0.846 ± 0.064	0.858 ± 0.068	0.845 ± 0.065	0.851 ± 0.068
<i>glass-0-6-vs-5</i>	0.946 ± 0.137	0.946 ± 0.137	0.834 ± 0.187	0.831 ± 0.189	0.863 ± 0.175	0.862 ± 0.175
<i>glass2</i>	0.584 ± 0.094	0.584 ± 0.094	0.679 ± 0.130	0.689 ± 0.141	0.690 ± 0.134	0.707 ± 0.139
<i>yeast-2-vs-8</i>	0.708 ± 0.134	0.708 ± 0.134	0.776 ± 0.110	0.778 ± 0.111	0.776 ± 0.110	0.776 ± 0.110
<i>vowel0</i>	0.954 ± 0.032	0.954 ± 0.032	0.903 ± 0.051	0.920 ± 0.041	0.890 ± 0.051	0.904 ± 0.049
<i>glass-0-4-vs-5</i>	0.989 ± 0.021	0.989 ± 0.021	0.985 ± 0.077	0.984 ± 0.081	0.985 ± 0.077	0.984 ± 0.081
<i>glass-0-1-4-6-vs-2</i>	0.566 ± 0.119	0.569 ± 0.118	0.672 ± 0.121	0.665 ± 0.129	0.660 ± 0.115	0.667 ± 0.135
<i>yeast4</i>	0.599 ± 0.064	0.596 ± 0.064	0.726 ± 0.066	0.745 ± 0.064	0.720 ± 0.063	0.745 ± 0.081
<i>ecoli-0-4-6-vs-5</i>	0.834 ± 0.098	0.834 ± 0.098	0.879 ± 0.098	0.883 ± 0.098	0.887 ± 0.093	0.889 ± 0.093
<i>page-blocks-1-3-vs-4</i>	0.976 ± 0.054	0.976 ± 0.054	0.864 ± 0.105	0.870 ± 0.104	0.923 ± 0.087	0.934 ± 0.076
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.857 ± 0.055	0.856 ± 0.055	0.897 ± 0.040	0.894 ± 0.042	0.898 ± 0.040	0.897 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	0.818 ± 0.100	0.818 ± 0.100	0.846 ± 0.097	0.846 ± 0.096	0.845 ± 0.098	0.832 ± 0.103
<i>ecoli-0-6-7-vs-3-5</i>	0.795 ± 0.131	0.797 ± 0.126	0.833 ± 0.105	0.841 ± 0.104	0.829 ± 0.102	0.834 ± 0.108
<i>ecoli-0-3-4-7-vs-5-6</i>	0.855 ± 0.093	0.855 ± 0.093	0.875 ± 0.085	0.883 ± 0.086	0.881 ± 0.086	0.883 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	0.804 ± 0.111	0.804 ± 0.111	0.838 ± 0.110	0.839 ± 0.105	0.839 ± 0.107	0.841 ± 0.099
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	0.998 ± 0.006	0.998 ± 0.006	0.998 ± 0.006	0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	0.857 ± 0.116	0.857 ± 0.116	0.888 ± 0.121	0.895 ± 0.118	0.894 ± 0.126	0.893 ± 0.127

Table 1: Results for BAC metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.293	2.366	3.524	4.293	3.976	4.549
	—	—	1,2	1,2,3	1,2	1,2,3,5

Table 2: Results for mean ranks according to BAC metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.694 ± 0.228	0.694 ± 0.228	0.594 ± 0.258	0.576 ± 0.256	0.585 ± 0.288	0.589 ± 0.283
<i>ecoli-0-2-3-4-vs-5</i>	^{3,4,5,6} 0.746 ± 0.151	^{3,4,5,6} 0.746 ± 0.151	^{1,2} 0.813 ± 0.140	^{1,2} 0.822 ± 0.128	^{1,2} 0.830 ± 0.143	^{1,2} 0.830 ± 0.143
<i>glass-0-1-6-vs-2</i>	^{1,2} 0.182 ± 0.237	^{1,2} 0.182 ± 0.237	^{1,2,4} 0.323 ± 0.170	^{1,2} 0.282 ± 0.146	^{1,2,6} 0.314 ± 0.178	^{1,2} 0.299 ± 0.153
<i>ecoli-0-1-vs-5</i>	^{1,2} 0.780 ± 0.142	^{1,2} 0.780 ± 0.142	^{1,2} 0.822 ± 0.124	^{1,2} 0.830 ± 0.111	^{1,2,6} 0.844 ± 0.118	^{1,2} 0.846 ± 0.115
<i>yeast-1-4-5-8-vs-7</i>	^{1,2} 0.031 ± 0.083	^{1,2} 0.031 ± 0.083	^{1,2} 0.147 ± 0.107	^{1,2} 0.132 ± 0.077	^{1,2} 0.126 ± 0.109	^{1,2} 0.130 ± 0.078
<i>ecoli4</i>	^{1,2,4} 0.767 ± 0.162	^{1,2,4} 0.767 ± 0.162	^{1,2} 0.847 ± 0.134	^{1,2} 0.817 ± 0.134	^{1,2} 0.851 ± 0.141	^{1,2} 0.831 ± 0.141
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,4} 0.706 ± 0.100	^{1,2,4} 0.708 ± 0.103	^{1,2} 0.386 ± 0.189	^{1,2} 0.713 ± 0.173	^{1,2,4,6} 0.393 ± 0.185	^{1,2} 0.706 ± 0.155
<i>glass5</i>	^{3,5} 0.701 ± 0.326	^{3,5} 0.701 ± 0.326	^{1,2} 0.717 ± 0.306	^{3,5} 0.670 ± 0.298	^{1,2} 0.810 ± 0.252	^{3,5} 0.773 ± 0.276
<i>ecoli-0-3-4-6-vs-5</i>	^{1,2} 0.722 ± 0.187	^{1,2} 0.722 ± 0.187	⁴ 0.802 ± 0.169	^{1,2} 0.803 ± 0.154	^{1,2,3,4} 0.805 ± 0.167	⁴ 0.804 ± 0.169
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,2} 0.420 ± 0.182	^{1,2} 0.418 ± 0.182	^{1,2} 0.565 ± 0.086	^{1,2} 0.499 ± 0.086	^{1,2} 0.547 ± 0.102	^{1,2} 0.491 ± 0.103
<i>yeast6</i>	^{1,2,4,6} 0.493 ± 0.161	^{1,2,4,6} 0.493 ± 0.161	^{1,2} 0.509 ± 0.130	^{1,2} 0.441 ± 0.107	^{1,2,4,6} 0.534 ± 0.142	^{1,2} 0.473 ± 0.131
<i>ecoli-0-6-7-vs-5</i>	⁴ 0.773 ± 0.195	⁴ 0.773 ± 0.195	^{4,6} 0.793 ± 0.159	^{1,2} 0.778 ± 0.164	^{4,6} 0.781 ± 0.167	^{1,2} 0.758 ± 0.165
<i>glass-0-1-6-vs-5</i>	^{1,2} 0.767 ± 0.239	^{1,2} 0.767 ± 0.239	⁶ 0.671 ± 0.288	^{1,2} 0.644 ± 0.288	⁶ 0.792 ± 0.242	^{1,2} 0.772 ± 0.229
<i>ecoli-0-1-3-7-vs-2-6</i>	⁴ 0.437 ± 0.426	⁴ 0.437 ± 0.426	^{1,2} 0.620 ± 0.355	^{1,2} 0.566 ± 0.329	^{3,4} 0.617 ± 0.361	^{3,4} 0.547 ± 0.346
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,4,6} 0.542 ± 0.093	^{1,2,4,6} 0.542 ± 0.093	^{1,2,6} 0.618 ± 0.096	^{1,2} 0.609 ± 0.098	^{1,2,6} 0.609 ± 0.100	^{1,2} 0.586 ± 0.108
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2,6} 0.716 ± 0.143	^{1,2,6} 0.716 ± 0.143	^{1,2} 0.784 ± 0.145	^{1,2,6} 0.771 ± 0.136	^{1,2,6} 0.823 ± 0.116	^{1,2} 0.789 ± 0.121
<i>yeast5</i>	^{1,2} 0.666 ± 0.114	^{1,2} 0.666 ± 0.114	^{1,2} 0.723 ± 0.103	^{1,2} 0.712 ± 0.109	^{1,2,4,6} 0.753 ± 0.089	^{1,2} 0.735 ± 0.092
<i>shuttle-c2-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 1.000 ± 0.000	^{1,2} 0.947 ± 0.203	^{1,2} 0.947 ± 0.203	^{all} 0.947 ± 0.203	^{1,2} 0.947 ± 0.203
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,2} 0.667 ± 0.153	^{1,2} 0.674 ± 0.152	^{1,2} 0.761 ± 0.139	^{1,2} 0.695 ± 0.158	^{1,2} 0.783 ± 0.116	^{1,2} 0.712 ± 0.122
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,4,6} 0.288 ± 0.127	^{1,2,4,6} 0.288 ± 0.127	^{1,2,6} 0.397 ± 0.135	^{1,2} 0.380 ± 0.135	^{1,2,4,6} 0.377 ± 0.139	^{1,2} 0.355 ± 0.116
<i>yeast-1-vs-7</i>	^{1,2,6} 0.169 ± 0.137	^{1,2,6} 0.169 ± 0.137	^{1,2} 0.318 ± 0.134	^{1,2} 0.301 ± 0.112	^{1,2} 0.287 ± 0.146	^{1,2} 0.278 ± 0.113
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,4,6} 0.200 ± 0.167	^{1,2,4,6} 0.200 ± 0.167	^{1,2} 0.262 ± 0.149	^{1,2} 0.199 ± 0.107	^{1,2} 0.226 ± 0.130	^{1,2} 0.195 ± 0.089
<i>ecoli-0-1-4-6-vs-5</i>	^{4,6} 0.713 ± 0.153	^{4,6} 0.713 ± 0.153	^{1,2} 0.801 ± 0.119	^{1,2} 0.802 ± 0.123	⁶ 0.812 ± 0.123	^{1,2} 0.813 ± 0.124
<i>glass-0-1-5-vs-2</i>	^{1,2} 0.202 ± 0.231	^{1,2} 0.202 ± 0.231	^{1,2} 0.307 ± 0.153	^{1,2} 0.292 ± 0.112	^{1,2} 0.345 ± 0.160	^{1,2} 0.349 ± 0.145
<i>yeast-2-vs-4</i>	^{1,2} 0.699 ± 0.118	^{1,2} 0.699 ± 0.118	^{1,2} 0.763 ± 0.093	^{1,2} 0.765 ± 0.092	^{1,2} 0.765 ± 0.091	^{1,2,3,4} 0.748 ± 0.093
<i>glass-0-6-vs-5</i>	^{1,2} 0.867 ± 0.251	^{1,2} 0.867 ± 0.251	^{1,2} 0.699 ± 0.350	^{1,2} 0.686 ± 0.351	^{1,2,6} 0.772 ± 0.320	^{1,2} 0.765 ± 0.319
<i>glass2</i>	^{3,4,6} 0.230 ± 0.220	^{3,4,6} 0.231 ± 0.221	^{1,2,4} 0.346 ± 0.197	^{1,2} 0.312 ± 0.158	⁴ 0.344 ± 0.180	⁴ 0.338 ± 0.158
<i>yeast-2-vs-8</i>	^{1,2} 0.511 ± 0.281	^{1,2} 0.511 ± 0.281	^{1,2,4} 0.668 ± 0.193	^{1,2} 0.656 ± 0.197	^{1,2} 0.668 ± 0.193	^{1,2} 0.634 ± 0.193
<i>vowel0</i>	^{1,2,6} 0.911 ± 0.049	^{1,2,6} 0.912 ± 0.049	^{1,2} 0.865 ± 0.066	^{1,2} 0.882 ± 0.055	^{1,2,6} 0.850 ± 0.063	^{1,2} 0.861 ± 0.063
<i>glass-0-4-vs-5</i>	^{3,4,5,6} 0.927 ± 0.133	^{3,4,5,6} 0.927 ± 0.133	^{1,2} 0.973 ± 0.146	^{3,5,6} 0.973 ± 0.146	^{1,2} 0.973 ± 0.146	^{1,2} 0.973 ± 0.146
<i>glass-0-1-4-6-vs-2</i>	^{1,2} 0.189 ± 0.253	^{1,2} 0.196 ± 0.253	^{1,2} 0.330 ± 0.171	^{1,2} 0.281 ± 0.131	^{1,2} 0.298 ± 0.147	^{1,2} 0.294 ± 0.151
<i>yeast4</i>	^{1,2,4} 0.266 ± 0.151	^{1,2,4} 0.259 ± 0.153	^{1,2} 0.420 ± 0.103	^{1,2} 0.353 ± 0.081	^{1,2} 0.409 ± 0.103	^{1,2} 0.353 ± 0.097
<i>ecoli-0-4-6-vs-5</i>	^{1,2,4,6} 0.720 ± 0.160	^{1,2,4,6} 0.720 ± 0.160	^{1,2} 0.798 ± 0.153	^{1,2} 0.799 ± 0.157	^{1,2,4,6} 0.810 ± 0.146	^{1,2} 0.813 ± 0.146
<i>page-blocks-1-3-vs-4</i>	^{1,2} 0.943 ± 0.080	^{1,2} 0.943 ± 0.080	^{1,2} 0.803 ± 0.150	^{1,2} 0.780 ± 0.173	^{1,2} 0.903 ± 0.115	^{1,2} 0.915 ± 0.098
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{3,4,5} 0.768 ± 0.082	^{3,4,5} 0.767 ± 0.082	⁴ 0.820 ± 0.059	^{1,2} 0.806 ± 0.067	^{3,4} 0.822 ± 0.061	^{3,4} 0.812 ± 0.060
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,4} 0.699 ± 0.177	^{1,2,4} 0.699 ± 0.177	^{1,2,4} 0.782 ± 0.150	^{1,2} 0.746 ± 0.152	^{1,2,4,6} 0.784 ± 0.156	^{1,2} 0.727 ± 0.168
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,4,6} 0.659 ± 0.244	^{1,2,4,6} 0.665 ± 0.231	^{1,2} 0.731 ± 0.163	^{1,2} 0.731 ± 0.170	^{1,2,4,6} 0.719 ± 0.168	^{1,2} 0.705 ± 0.188
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2} 0.770 ± 0.137	^{1,2} 0.770 ± 0.137	^{1,2} 0.789 ± 0.121	^{1,2} 0.784 ± 0.126	^{1,2} 0.796 ± 0.136	^{1,2} 0.776 ± 0.123
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2} 0.682 ± 0.195	^{1,2} 0.682 ± 0.195	^{1,2} 0.754 ± 0.185	^{1,2} 0.737 ± 0.178	^{1,2} 0.742 ± 0.178	^{1,2} 0.714 ± 0.168
<i>shuttle-c0-vs-c4</i>	^{1,2,6} 1.000 ± 0.000	^{1,2,6} 1.000 ± 0.000	^{1,2,6} 0.998 ± 0.006	^{1,2,6} 0.998 ± 0.006	⁶ 0.998 ± 0.006	^{1,2} 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	^{1,2} 0.756 ± 0.193	^{1,2} 0.756 ± 0.193	^{1,2} 0.810 ± 0.184	^{1,2} 0.814 ± 0.178	^{1,2} 0.807 ± 0.208	^{1,2} 0.798 ± 0.210

Table 3: Results for F1 metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.293	2.390	4.463	3.451	4.707	3.695
	—	—	1,2,4	1,2	1,2,4,6	1,2

Table 4: Results for mean ranks according to F1 metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.734 ± 0.282	0.734 ± 0.282	0.587 ± 0.294	0.557 ± 0.285	0.591 ± 0.307	0.581 ± 0.305
<i>ecoli-0-2-3-4-vs-5</i>	0.832 ± 0.177	0.832 ± 0.177	0.875 ± 0.138	0.873 ± 0.131	0.879 ± 0.152	0.875 ± 0.152
<i>glass-0-1-6-vs-2</i>	0.271 ± 0.376	0.271 ± 0.376	0.255 ± 0.139	0.204 ± 0.122	0.233 ± 0.141	0.212 ± 0.114
<i>ecoli-0-1-vs-5</i>	0.875 ± 0.146	0.875 ± 0.146	0.933 ± 0.121	0.910 ± 0.125	0.940 ± 0.110	0.935 ± 0.115
<i>yeast-1-4-5-8-vs-7</i>	0.077 ± 0.226	0.077 ± 0.226	0.122 ± 0.110	0.086 ± 0.052	0.105 ± 0.094	0.088 ± 0.054
<i>ecoli4</i>	0.829 ± 0.187	0.829 ± 0.187	0.925 ± 0.121	0.859 ± 0.144	0.922 ± 0.124	0.879 ± 0.139
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.644 ± 0.113	0.647 ± 0.115	0.679 ± 0.285	0.710 ± 0.162	0.641 ± 0.274	0.717 ± 0.121
<i>glass5</i>	0.763 ± 0.357	0.763 ± 0.357	0.723 ± 0.332	0.616 ± 0.315	0.813 ± 0.278	0.733 ± 0.303
<i>ecoli-0-3-4-6-vs-5</i>	0.821 ± 0.195	0.821 ± 0.195	0.846 ± 0.155	0.831 ± 0.160	0.838 ± 0.163	0.836 ± 0.170
<i>yeast-0-5-6-7-9-vs-4</i>	0.537 ± 0.222	0.535 ± 0.222	0.534 ± 0.118	0.412 ± 0.101	0.520 ± 0.119	0.401 ± 0.103
<i>yeast6</i>	0.668 ± 0.248	0.668 ± 0.248	0.455 ± 0.128	0.351 ± 0.107	0.508 ± 0.155	0.399 ± 0.136
<i>ecoli-0-6-7-vs-5</i>	0.853 ± 0.191	0.853 ± 0.191	0.878 ± 0.151	0.842 ± 0.171	0.852 ± 0.170	0.801 ± 0.178
<i>glass-0-1-6-vs-5</i>	0.788 ± 0.279	0.788 ± 0.279	0.687 ± 0.325	0.618 ± 0.316	0.820 ± 0.268	0.763 ± 0.268
<i>ecoli-0-1-3-7-vs-2-6</i>	0.470 ± 0.462	0.470 ± 0.462	0.613 ± 0.383	0.538 ± 0.362	0.611 ± 0.392	0.521 ± 0.386
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.670 ± 0.136	0.670 ± 0.136	0.745 ± 0.109	0.711 ± 0.149	0.738 ± 0.116	0.653 ± 0.162
<i>ecoli-0-1-4-7-vs-5-6</i>	0.832 ± 0.164	0.832 ± 0.164	0.898 ± 0.128	0.826 ± 0.149	0.887 ± 0.135	0.822 ± 0.165
<i>yeast5</i>	0.744 ± 0.138	0.744 ± 0.138	0.661 ± 0.120	0.636 ± 0.134	0.695 ± 0.115	0.660 ± 0.110
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	0.960 ± 0.195	0.960 ± 0.195	0.960 ± 0.195	0.960 ± 0.195
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.769 ± 0.147	0.773 ± 0.145	0.886 ± 0.117	0.733 ± 0.197	0.902 ± 0.128	0.744 ± 0.158
<i>yeast-0-3-5-9-vs-7-8</i>	0.456 ± 0.220	0.456 ± 0.220	0.552 ± 0.188	0.455 ± 0.199	0.470 ± 0.176	0.322 ± 0.131
<i>yeast-1-vs-7</i>	0.370 ± 0.366	0.370 ± 0.366	0.278 ± 0.129	0.220 ± 0.087	0.254 ± 0.139	0.203 ± 0.089
<i>yeast-1-2-8-9-vs-7</i>	0.449 ± 0.406	0.449 ± 0.406	0.241 ± 0.157	0.135 ± 0.075	0.214 ± 0.160	0.132 ± 0.062
<i>ecoli-0-1-4-6-vs-5</i>	0.827 ± 0.186	0.827 ± 0.186	0.874 ± 0.152	0.851 ± 0.160	0.881 ± 0.132	0.879 ± 0.136
<i>glass-0-1-5-vs-2</i>	0.298 ± 0.371	0.298 ± 0.371	0.252 ± 0.149	0.208 ± 0.081	0.263 ± 0.135	0.255 ± 0.123
<i>yeast-2-vs-4</i>	0.776 ± 0.117	0.776 ± 0.117	0.850 ± 0.099	0.822 ± 0.109	0.859 ± 0.092	0.797 ± 0.116
<i>glass-0-6-vs-5</i>	0.850 ± 0.269	0.850 ± 0.269	0.767 ± 0.375	0.742 ± 0.380	0.867 ± 0.326	0.857 ± 0.329
<i>glass2</i>	0.333 ± 0.360	0.336 ± 0.361	0.299 ± 0.196	0.230 ± 0.128	0.267 ± 0.150	0.245 ± 0.121
<i>yeast-2-vs-8</i>	0.745 ± 0.364	0.745 ± 0.364	0.918 ± 0.163	0.869 ± 0.208	0.918 ± 0.163	0.806 ± 0.235
<i>vowel0</i>	0.910 ± 0.069	0.911 ± 0.068	0.940 ± 0.068	0.930 ± 0.074	0.938 ± 0.063	0.925 ± 0.073
<i>glass-0-4-vs-5</i>	0.888 ± 0.197	0.888 ± 0.197	0.980 ± 0.139	0.980 ± 0.139	0.980 ± 0.139	0.980 ± 0.139
<i>glass-0-1-4-6-vs-2</i>	0.233 ± 0.332	0.242 ± 0.332	0.281 ± 0.181	0.202 ± 0.101	0.228 ± 0.116	0.211 ± 0.114
<i>yeast4</i>	0.418 ± 0.223	0.409 ± 0.229	0.388 ± 0.109	0.269 ± 0.075	0.372 ± 0.104	0.267 ± 0.078
<i>ecoli-0-4-6-vs-5</i>	0.797 ± 0.174	0.797 ± 0.174	0.865 ± 0.157	0.848 ± 0.166	0.867 ± 0.161	0.868 ± 0.160
<i>page-blocks-1-3-vs-4</i>	0.939 ± 0.084	0.939 ± 0.084	0.938 ± 0.106	0.840 ± 0.183	0.993 ± 0.046	0.986 ± 0.056
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.821 ± 0.091	0.821 ± 0.091	0.835 ± 0.075	0.809 ± 0.085	0.836 ± 0.075	0.816 ± 0.075
<i>ecoli-0-1-vs-2-3-5</i>	0.776 ± 0.188	0.776 ± 0.188	0.937 ± 0.111	0.811 ± 0.155	0.934 ± 0.142	0.814 ± 0.181
<i>ecoli-0-6-7-vs-3-5</i>	0.791 ± 0.278	0.797 ± 0.262	0.840 ± 0.159	0.813 ± 0.183	0.819 ± 0.191	0.753 ± 0.223
<i>ecoli-0-3-4-7-vs-5-6</i>	0.866 ± 0.153	0.866 ± 0.153	0.839 ± 0.129	0.804 ± 0.138	0.832 ± 0.149	0.780 ± 0.147
<i>ecoli-0-2-6-7-vs-3-5</i>	0.819 ± 0.225	0.819 ± 0.225	0.874 ± 0.180	0.824 ± 0.201	0.830 ± 0.194	0.755 ± 0.208
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000
<i>ecoli-0-3-4-vs-5</i>	0.813 ± 0.199	0.813 ± 0.199	0.883 ± 0.145	0.871 ± 0.158	0.856 ± 0.192	0.837 ± 0.202

Table 5: Results for Precision metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	3.366	3.439	4.439	2.476	4.488	2.793
	4	4	1,2,4,6	—	1,2,4,6	—

Table 6: Results for mean ranks according to Precision metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.713 ± 0.264	0.713 ± 0.264	0.687 ± 0.332	0.683 ± 0.333	0.633 ± 0.336	0.653 ± 0.334
<i>ecoli-0-2-3-4-vs-5</i>	0.710 ± 0.195	0.710 ± 0.195	0.780 ± 0.184	0.795 ± 0.170	0.805 ± 0.175	0.810 ± 0.177
<i>glass-0-1-6-vs-2</i>	0.150 ± 0.201	0.150 ± 0.201	0.483 ± 0.273	0.525 ± 0.274	0.512 ± 0.287	0.540 ± 0.279
<i>ecoli-0-1-vs-5</i>	0.745 ± 0.203	0.745 ± 0.203	0.760 ± 0.180	0.795 ± 0.178	0.790 ± 0.175	0.800 ± 0.173
<i>yeast-1-4-5-8-vs-7</i>	0.020 ± 0.054	0.020 ± 0.054	0.207 ± 0.147	0.300 ± 0.176	0.163 ± 0.139	0.260 ± 0.149
<i>ecoli4</i>	0.760 ± 0.211	0.760 ± 0.211	0.805 ± 0.189	0.810 ± 0.190	0.825 ± 0.201	0.825 ± 0.201
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.806 ± 0.150	0.806 ± 0.150	0.292 ± 0.172	0.760 ± 0.233	0.300 ± 0.160	0.751 ± 0.226
<i>glass5</i>	0.700 ± 0.360	0.700 ± 0.360	0.770 ± 0.349	0.800 ± 0.346	0.860 ± 0.283	0.870 ± 0.296
<i>ecoli-0-3-4-6-vs-5</i>	0.690 ± 0.226	0.690 ± 0.226	0.795 ± 0.221	0.805 ± 0.201	0.805 ± 0.207	0.805 ± 0.207
<i>yeast-0-5-6-7-9-vs-4</i>	0.364 ± 0.183	0.362 ± 0.183	0.624 ± 0.114	0.673 ± 0.134	0.606 ± 0.141	0.667 ± 0.147
<i>yeast6</i>	0.429 ± 0.173	0.429 ± 0.173	0.606 ± 0.181	0.637 ± 0.169	0.603 ± 0.202	0.623 ± 0.197
<i>ecoli-0-6-7-vs-5</i>	0.745 ± 0.242	0.745 ± 0.242	0.755 ± 0.203	0.760 ± 0.205	0.750 ± 0.206	0.755 ± 0.209
<i>glass-0-1-6-vs-5</i>	0.820 ± 0.278	0.820 ± 0.278	0.720 ± 0.334	0.740 ± 0.335	0.820 ± 0.278	0.840 ± 0.253
<i>ecoli-0-1-3-7-vs-2-6</i>	0.440 ± 0.443	0.440 ± 0.443	0.700 ± 0.400	0.700 ± 0.400	0.700 ± 0.400	0.700 ± 0.400
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.466 ± 0.098	0.466 ± 0.098	0.537 ± 0.111	0.553 ± 0.115	0.528 ± 0.115	0.555 ± 0.121
<i>ecoli-0-1-4-7-vs-5-6</i>	0.652 ± 0.173	0.652 ± 0.173	0.736 ± 0.213	0.764 ± 0.194	0.792 ± 0.164	0.796 ± 0.172
<i>yeast5</i>	0.627 ± 0.157	0.627 ± 0.157	0.812 ± 0.135	0.831 ± 0.134	0.838 ± 0.113	0.843 ± 0.113
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	0.940 ± 0.215	0.940 ± 0.215	0.940 ± 0.215	0.940 ± 0.215
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.629 ± 0.194	0.639 ± 0.197	0.695 ± 0.184	0.699 ± 0.188	0.716 ± 0.159	0.716 ± 0.166
<i>yeast-0-3-5-9-vs-7-8</i>	0.224 ± 0.110	0.224 ± 0.110	0.324 ± 0.128	0.376 ± 0.171	0.338 ± 0.152	0.458 ± 0.175
<i>yeast-1-vs-7</i>	0.117 ± 0.095	0.117 ± 0.095	0.407 ± 0.194	0.510 ± 0.217	0.363 ± 0.207	0.473 ± 0.206
<i>yeast-1-2-8-9-vs-7</i>	0.137 ± 0.118	0.137 ± 0.118	0.313 ± 0.184	0.403 ± 0.223	0.270 ± 0.169	0.393 ± 0.196
<i>ecoli-0-1-4-6-vs-5</i>	0.670 ± 0.196	0.670 ± 0.196	0.765 ± 0.153	0.785 ± 0.158	0.775 ± 0.167	0.780 ± 0.170
<i>glass-0-1-5-vs-2</i>	0.172 ± 0.207	0.172 ± 0.207	0.455 ± 0.252	0.533 ± 0.250	0.548 ± 0.271	0.610 ± 0.254
<i>yeast-2-vs-4</i>	0.654 ± 0.150	0.654 ± 0.150	0.707 ± 0.131	0.735 ± 0.139	0.703 ± 0.131	0.725 ± 0.139
<i>glass-0-6-vs-5</i>	0.910 ± 0.258	0.910 ± 0.258	0.680 ± 0.370	0.680 ± 0.370	0.730 ± 0.349	0.730 ± 0.349
<i>glass2</i>	0.195 ± 0.192	0.195 ± 0.192	0.458 ± 0.258	0.553 ± 0.276	0.507 ± 0.254	0.572 ± 0.269
<i>yeast-2-vs-8</i>	0.420 ± 0.271	0.420 ± 0.271	0.555 ± 0.219	0.560 ± 0.221	0.555 ± 0.219	0.560 ± 0.221
<i>vowel0</i>	0.918 ± 0.065	0.918 ± 0.065	0.811 ± 0.104	0.847 ± 0.085	0.787 ± 0.105	0.814 ± 0.100
<i>glass-0-4-vs-5</i>	1.000 ± 0.000	1.000 ± 0.000	0.970 ± 0.155	0.970 ± 0.155	0.970 ± 0.155	0.970 ± 0.155
<i>glass-0-1-4-6-vs-2</i>	0.175 ± 0.234	0.180 ± 0.232	0.462 ± 0.251	0.520 ± 0.282	0.463 ± 0.235	0.515 ± 0.258
<i>yeast4</i>	0.208 ± 0.129	0.202 ± 0.130	0.480 ± 0.134	0.546 ± 0.134	0.470 ± 0.126	0.544 ± 0.162
<i>ecoli-0-4-6-vs-5</i>	0.690 ± 0.197	0.690 ± 0.197	0.775 ± 0.195	0.785 ± 0.193	0.790 ± 0.182	0.795 ± 0.184
<i>page-blocks-1-3-vs-4</i>	0.955 ± 0.108	0.955 ± 0.108	0.731 ± 0.211	0.751 ± 0.204	0.846 ± 0.173	0.868 ± 0.152
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.732 ± 0.112	0.731 ± 0.111	0.812 ± 0.079	0.811 ± 0.084	0.813 ± 0.079	0.815 ± 0.082
<i>ecoli-0-1-vs-2-3-5</i>	0.655 ± 0.200	0.655 ± 0.200	0.698 ± 0.194	0.711 ± 0.190	0.695 ± 0.193	0.682 ± 0.203
<i>ecoli-0-6-7-vs-3-5</i>	0.605 ± 0.266	0.610 ± 0.257	0.682 ± 0.210	0.704 ± 0.208	0.677 ± 0.202	0.698 ± 0.207
<i>ecoli-0-3-4-7-vs-5-6</i>	0.724 ± 0.187	0.724 ± 0.187	0.768 ± 0.171	0.788 ± 0.171	0.780 ± 0.166	0.792 ± 0.154
<i>ecoli-0-2-6-7-vs-3-5</i>	0.626 ± 0.225	0.626 ± 0.225	0.688 ± 0.216	0.697 ± 0.205	0.694 ± 0.207	0.712 ± 0.193
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	0.996 ± 0.012	0.996 ± 0.012	0.996 ± 0.012	0.996 ± 0.012
<i>ecoli-0-3-4-vs-5</i>	0.735 ± 0.225	0.735 ± 0.225	0.790 ± 0.241	0.805 ± 0.236	0.805 ± 0.251	0.805 ± 0.251

Table 7: Results for Recall metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.341	2.341	3.159	4.537	3.707	4.915
	—	—	—	1,2,3,5	1,2,3	1,2,3,5

Table 8: Results for mean ranks according to Recall metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.847 ± 0.132	0.847 ± 0.132	0.824 ± 0.167	0.820 ± 0.168	0.803 ± 0.168	0.811 ± 0.168
<i>ecoli-0-2-3-4-vs-5</i>	^{5,6} 0.845 ± 0.097	^{5,6} 0.845 ± 0.097	⁴ 0.883 ± 0.093	^{1,2} 0.891 ± 0.086	^{1,2} 0.896 ± 0.089	^{1,2} 0.898 ± 0.090
<i>glass-0-1-6-vs-2</i>	^{1,2} 0.557 ± 0.104	^{1,2} 0.557 ± 0.104	^{1,2} 0.672 ± 0.136	^{1,2} 0.655 ± 0.135	^{1,2} 0.677 ± 0.143	^{1,2} 0.675 ± 0.136
<i>ecoli-0-1-vs-5</i>	^{1,2,4} 0.866 ± 0.099	^{1,2} 0.866 ± 0.099	^{1,2} 0.877 ± 0.089	^{1,2} 0.893 ± 0.086	^{1,2,6} 0.892 ± 0.087	^{1,2} 0.897 ± 0.085
<i>yeast-1-4-5-8-vs-7</i>	^{1,2} 0.506 ± 0.027	^{1,2} 0.506 ± 0.027	^{1,2} 0.566 ± 0.075	^{1,2} 0.576 ± 0.088	^{1,2} 0.549 ± 0.072	^{1,2} 0.566 ± 0.080
<i>ecoli4</i>	^{1,2} 0.873 ± 0.105	^{1,2} 0.873 ± 0.105	^{1,2} 0.900 ± 0.094	^{1,2,5} 0.900 ± 0.094	^{1,2} 0.910 ± 0.100	^{1,2,5} 0.908 ± 0.100
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,4} 0.881 ± 0.074	^{1,2} 0.881 ± 0.074	^{1,2,4} 0.640 ± 0.084	^{1,2} 0.866 ± 0.113	^{1,2,4,6} 0.643 ± 0.080	^{1,2} 0.861 ± 0.109
<i>glass5</i>	^{3,5} 0.847 ± 0.179	^{3,5} 0.847 ± 0.179	^{1,2} 0.880 ± 0.173	^{3,5} 0.889 ± 0.171	^{1,2} 0.926 ± 0.140	^{3,5} 0.928 ± 0.147
<i>ecoli-0-3-4-6-vs-5</i>	^{1,2} 0.834 ± 0.114	^{1,2} 0.834 ± 0.114	^{1,2} 0.889 ± 0.111	³ 0.892 ± 0.102	^{1,2,3,4} 0.893 ± 0.105	^{1,2,4} 0.893 ± 0.105
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,2} 0.666 ± 0.090	^{1,2} 0.665 ± 0.090	^{1,2} 0.780 ± 0.055	^{1,2} 0.779 ± 0.062	^{1,2} 0.770 ± 0.066	^{1,2} 0.775 ± 0.073
<i>yeast6</i>	^{1,2} 0.711 ± 0.086	^{1,2} 0.711 ± 0.086	^{1,2} 0.794 ± 0.090	^{1,2} 0.803 ± 0.082	^{1,2} 0.794 ± 0.100	^{1,2} 0.799 ± 0.096
<i>ecoli-0-6-7-vs-5</i>	^{1,2} 0.865 ± 0.122	^{1,2} 0.865 ± 0.122	^{1,2} 0.871 ± 0.102	^{1,2} 0.871 ± 0.104	^{1,2} 0.868 ± 0.104	^{1,2,5} 0.866 ± 0.105
<i>glass-0-1-6-vs-5</i>	^{1,2} 0.903 ± 0.137	^{1,2} 0.903 ± 0.137	⁶ 0.852 ± 0.166	^{1,2} 0.858 ± 0.165	⁶ 0.905 ± 0.139	^{1,2} 0.911 ± 0.129
<i>ecoli-0-1-3-7-vs-2-6</i>	⁴ 0.718 ± 0.221	⁴ 0.718 ± 0.221	^{1,2} 0.844 ± 0.200	^{1,2} 0.842 ± 0.199	^{3,4} 0.843 ± 0.201	^{3,4} 0.838 ± 0.198
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,4,6} 0.720 ± 0.049	^{1,2} 0.720 ± 0.049	^{1,2,4,6} 0.758 ± 0.055	^{1,2,6} 0.762 ± 0.056	^{1,2,6} 0.754 ± 0.057	^{1,2} 0.758 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2} 0.820 ± 0.087	^{1,2} 0.820 ± 0.087	^{1,2} 0.864 ± 0.105	^{1,2} 0.874 ± 0.095	^{1,2} 0.891 ± 0.081	^{1,2} 0.889 ± 0.084
<i>yeast5</i>	^{1,2} 0.810 ± 0.078	^{1,2} 0.810 ± 0.078	^{1,2} 0.900 ± 0.068	^{1,2} 0.908 ± 0.067	^{1,2,4,6} 0.913 ± 0.056	^{1,2} 0.915 ± 0.057
<i>shuttle-c2-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 1.000 ± 0.000	^{1,2} 0.970 ± 0.107	^{1,2} 0.970 ± 0.107	^{1,2,3} 0.970 ± 0.107	^{1,2,5} 0.970 ± 0.107
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,2} 0.804 ± 0.095	^{1,2} 0.809 ± 0.097	^{1,2} 0.843 ± 0.091	^{1,2} 0.835 ± 0.094	^{1,2} 0.853 ± 0.078	^{1,2} 0.844 ± 0.080
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,4} 0.596 ± 0.055	^{1,2} 0.596 ± 0.055	^{1,2,4} 0.647 ± 0.064	^{1,2} 0.656 ± 0.077	^{1,2,4,6} 0.647 ± 0.073	^{1,2} 0.668 ± 0.079
<i>yeast-1-vs-7</i>	^{1,2} 0.551 ± 0.048	^{1,2} 0.551 ± 0.048	^{1,2} 0.664 ± 0.095	^{1,2} 0.690 ± 0.103	^{1,2} 0.642 ± 0.102	^{1,2,5} 0.669 ± 0.102
<i>yeast-1-2-8-9-vs-7</i>	^{1,2} 0.566 ± 0.059	^{1,2} 0.566 ± 0.059	^{1,2} 0.639 ± 0.092	^{1,2,3,5} 0.659 ± 0.111	^{1,2} 0.618 ± 0.083	^{1,2,5} 0.654 ± 0.096
<i>ecoli-0-1-4-6-vs-5</i>	^{1,2} 0.828 ± 0.097	^{1,2} 0.828 ± 0.097	^{1,2} 0.877 ± 0.076	^{1,2,5} 0.886 ± 0.079	^{1,2} 0.883 ± 0.084	^{1,2,5} 0.885 ± 0.085
<i>glass-0-1-5-vs-2</i>	^{1,2} 0.567 ± 0.104	^{1,2} 0.567 ± 0.104	^{1,2} 0.651 ± 0.119	^{1,2} 0.656 ± 0.115	^{1,2} 0.689 ± 0.135	^{1,2} 0.701 ± 0.132
<i>yeast-2-vs-4</i>	^{1,2} 0.816 ± 0.074	^{1,2} 0.816 ± 0.074	^{1,2} 0.846 ± 0.064	^{1,2} 0.858 ± 0.068	^{1,2} 0.845 ± 0.065	^{1,2,3} 0.851 ± 0.068
<i>glass-0-6-vs-5</i>	^{1,2} 0.946 ± 0.137	^{1,2} 0.946 ± 0.137	^{1,2} 0.834 ± 0.187	^{1,2,6} 0.831 ± 0.189	^{1,2} 0.863 ± 0.175	^{1,2} 0.862 ± 0.175
<i>glass2</i>	^{3,4} 0.584 ± 0.094	^{3,4} 0.584 ± 0.094	^{1,2} 0.679 ± 0.130	^{1,2} 0.689 ± 0.141	⁴ 0.690 ± 0.134	⁴ 0.707 ± 0.139
<i>yeast-2-vs-8</i>	^{1,2} 0.708 ± 0.134	^{1,2} 0.708 ± 0.134	^{1,2} 0.776 ± 0.110	^{1,2} 0.778 ± 0.111	^{1,2} 0.776 ± 0.110	^{1,2} 0.776 ± 0.110
<i>vowel0</i>	^{1,2,6} 0.954 ± 0.032	^{1,2} 0.954 ± 0.032	^{1,2,6} 0.903 ± 0.051	^{1,2} 0.920 ± 0.041	^{1,2,6} 0.890 ± 0.051	^{1,2} 0.904 ± 0.049
<i>glass-0-4-vs-5</i>	^{3,4,5,6} 0.989 ± 0.021	^{3,4,5,6} 0.989 ± 0.021	^{1,2} 0.985 ± 0.077	^{3,5,6} 0.984 ± 0.081	^{1,2} 0.985 ± 0.077	⁵ 0.984 ± 0.081
<i>glass-0-1-4-6-vs-2</i>	^{3,4,5,6} 0.566 ± 0.119	^{3,4,5,6} 0.569 ± 0.118	^{1,2} 0.672 ± 0.121	^{1,2} 0.665 ± 0.129	^{1,2} 0.660 ± 0.115	^{1,2} 0.667 ± 0.135
<i>yeast4</i>	^{1,2} 0.599 ± 0.064	^{1,2} 0.596 ± 0.064	^{1,2} 0.726 ± 0.066	^{1,2} 0.745 ± 0.064	^{1,2} 0.720 ± 0.063	^{1,2} 0.745 ± 0.081
<i>ecoli-0-4-6-vs-5</i>	^{1,2} 0.834 ± 0.098	^{1,2} 0.834 ± 0.098	^{1,2} 0.879 ± 0.098	^{1,2,3,5} 0.883 ± 0.098	^{1,2} 0.887 ± 0.093	^{1,2,5} 0.889 ± 0.093
<i>page-blocks-1-3-vs-4</i>	^{1,2} 0.976 ± 0.054	^{1,2} 0.976 ± 0.054	^{1,2} 0.864 ± 0.105	^{1,2} 0.870 ± 0.104	^{1,2} 0.923 ± 0.087	^{1,2} 0.934 ± 0.076
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{3,4,5,6} 0.857 ± 0.055	^{3,4,5,6} 0.856 ± 0.055	^{1,2} 0.897 ± 0.040	^{1,2} 0.894 ± 0.042	^{3,4} 0.898 ± 0.040	^{3,4} 0.897 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2} 0.818 ± 0.100	^{1,2} 0.818 ± 0.100	^{1,2} 0.846 ± 0.097	^{1,2} 0.846 ± 0.096	^{1,2} 0.845 ± 0.098	^{1,2} 0.832 ± 0.103
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,4,6} 0.795 ± 0.131	^{1,2} 0.797 ± 0.126	^{1,2,4,6} 0.833 ± 0.105	^{1,2} 0.841 ± 0.104	^{1,2,6} 0.829 ± 0.102	^{1,2} 0.834 ± 0.108
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2} 0.855 ± 0.093	^{1,2} 0.855 ± 0.093	^{1,2} 0.875 ± 0.085	^{1,2} 0.883 ± 0.086	^{1,2} 0.881 ± 0.086	^{1,2} 0.883 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2} 0.804 ± 0.111	^{1,2} 0.804 ± 0.111	^{1,2} 0.838 ± 0.110	^{1,2} 0.839 ± 0.105	^{1,2} 0.839 ± 0.107	^{1,2} 0.841 ± 0.099
<i>shuttle-c0-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 1.000 ± 0.000	^{1,2} 0.998 ± 0.006	^{1,2} 0.998 ± 0.006	^{1,2} 0.998 ± 0.006	^{3,4} 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	^{1,2} 0.857 ± 0.116	^{1,2} 0.857 ± 0.116	^{1,2} 0.888 ± 0.121	^{1,2} 0.895 ± 0.118	^{1,2} 0.894 ± 0.126	^{1,2} 0.893 ± 0.127

Table 9: Results for AUC metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.293	2.366	3.524	4.293	3.976	4.549
	—	—	1,2	1,2,3	1,2	1,2,3,5

Table 10: Results for mean ranks according to AUC metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.809 ± 0.210	0.809 ± 0.210	0.759 ± 0.291	0.755 ± 0.290	0.723 ± 0.305	0.735 ± 0.305
<i>ecoli-0-2-3-4-vs-5</i>	^{5,6} 0.825 ± 0.123	^{5,6} 0.825 ± 0.123	^{1,2} 0.870 ± 0.111	^{1,2} 0.880 ± 0.098	^{1,2} 0.885 ± 0.106	^{1,2} 0.887 ± 0.106
<i>glass-0-1-6-vs-2</i>	^{1,2} 0.238 ± 0.298	^{1,2} 0.238 ± 0.298	^{1,2} 0.596 ± 0.242	^{1,2,3} 0.598 ± 0.221	^{1,2} 0.601 ± 0.260	^{1,2,5} 0.613 ± 0.240
<i>ecoli-0-1-vs-5</i>	^{1,2} 0.848 ± 0.123	^{1,2} 0.848 ± 0.123	^{1,2} 0.863 ± 0.104	^{1,2,3} 0.881 ± 0.100	^{1,2} 0.880 ± 0.101	^{1,2,5} 0.886 ± 0.098
<i>yeast-1-4-5-8-vs-7</i>	^{1,2} 0.049 ± 0.132	^{1,2} 0.049 ± 0.132	^{1,2} 0.375 ± 0.226	^{1,2} 0.467 ± 0.193	^{1,2} 0.316 ± 0.230	^{1,2} 0.438 ± 0.190
<i>ecoli4</i>	^{1,2} 0.856 ± 0.129	^{1,2} 0.856 ± 0.129	^{1,2} 0.888 ± 0.112	^{1,2,3,5} 0.888 ± 0.112	^{1,2} 0.898 ± 0.119	^{1,2,5} 0.896 ± 0.119
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2} 0.874 ± 0.082	^{1,2} 0.874 ± 0.083	^{1,2} 0.499 ± 0.197	^{1,2,3} 0.840 ± 0.174	^{1,2,6} 0.513 ± 0.182	^{1,2} 0.840 ± 0.149
<i>glass5</i>	^{3,5} 0.764 ± 0.334	^{3,5} 0.764 ± 0.334	^{1,2} 0.811 ± 0.321	^{3,5} 0.823 ± 0.321	^{1,2} 0.889 ± 0.248	^{3,5} 0.884 ± 0.274
<i>ecoli-0-3-4-6-vs-5</i>	^{1,2} 0.809 ± 0.145	^{1,2} 0.809 ± 0.145	^{1,2} 0.874 ± 0.135	^{1,2} 0.881 ± 0.117	^{1,2,3,4} 0.880 ± 0.127	^{1,2,4} 0.879 ± 0.127
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,2} 0.560 ± 0.195	^{1,2} 0.558 ± 0.195	^{1,2} 0.760 ± 0.068	^{1,2} 0.767 ± 0.071	^{1,2} 0.746 ± 0.089	^{1,2} 0.762 ± 0.085
<i>yeast6</i>	^{1,2} 0.633 ± 0.155	^{1,2} 0.633 ± 0.155	^{1,2} 0.761 ± 0.122	^{1,2} 0.778 ± 0.107	^{1,2} 0.758 ± 0.137	^{1,2} 0.768 ± 0.133
<i>ecoli-0-6-7-vs-5</i>	^{1,2} 0.843 ± 0.155	^{1,2} 0.843 ± 0.155	^{1,2} 0.854 ± 0.125	^{1,2} 0.855 ± 0.126	^{1,2} 0.850 ± 0.127	^{1,2,5} 0.850 ± 0.128
<i>glass-0-1-6-vs-5</i>	^{1,2} 0.871 ± 0.219	^{1,2} 0.871 ± 0.219	⁶ 0.788 ± 0.295	^{1,2} 0.795 ± 0.296	⁶ 0.873 ± 0.220	^{1,2} 0.890 ± 0.182
<i>ecoli-0-1-3-7-vs-2-6</i>	⁴ 0.480 ± 0.455	⁴ 0.480 ± 0.455	^{1,2,4,6} 0.737 ± 0.385	^{1,2} 0.735 ± 0.383	^{3,4} 0.736 ± 0.385	^{3,4} 0.732 ± 0.382
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2} 0.669 ± 0.074	^{1,2} 0.669 ± 0.074	^{1,2} 0.721 ± 0.076	^{1,2} 0.728 ± 0.076	^{1,2,6} 0.715 ± 0.079	^{1,2} 0.726 ± 0.080
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2} 0.795 ± 0.110	^{1,2} 0.795 ± 0.110	^{1,2} 0.844 ± 0.130	^{1,2} 0.858 ± 0.117	^{1,2} 0.880 ± 0.093	^{1,2} 0.879 ± 0.096
<i>yeast5</i>	^{1,2} 0.783 ± 0.099	^{1,2} 0.783 ± 0.099	^{1,2} 0.892 ± 0.078	^{1,2} 0.901 ± 0.077	^{1,2,6} 0.908 ± 0.063	^{1,2} 0.910 ± 0.063
<i>shuttle-c2-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 1.000 ± 0.000	^{1,2} 0.948 ± 0.201	^{1,2} 0.948 ± 0.201	^{1,2,3} 0.948 ± 0.201	^{1,2,5} 0.948 ± 0.201
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,2} 0.773 ± 0.132	^{1,2} 0.779 ± 0.132	^{1,2} 0.821 ± 0.117	^{1,2} 0.815 ± 0.119	^{1,2} 0.836 ± 0.098	^{1,2} 0.828 ± 0.099
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,4} 0.444 ± 0.138	^{1,2,4} 0.444 ± 0.138	¹ 0.545 ± 0.131	¹ 0.570 ± 0.151	^{1,2,4,6} 0.548 ± 0.146	^{1,2} 0.617 ± 0.129
<i>yeast-1-vs-7</i>	^{1,2} 0.269 ± 0.205	^{1,2} 0.269 ± 0.205	^{1,2} 0.589 ± 0.161	^{1,2,3} 0.643 ± 0.167	^{1,2} 0.539 ± 0.206	^{all} 0.614 ± 0.175
<i>yeast-1-2-8-9-vs-7</i>	^{1,2} 0.291 ± 0.226	^{1,2} 0.291 ± 0.226	^{1,2} 0.512 ± 0.201	^{1,2,3,5} 0.570 ± 0.208	^{1,2} 0.461 ± 0.217	^{1,2,5} 0.564 ± 0.201
<i>ecoli-0-1-4-6-vs-5</i>	^{1,2,5} 0.803 ± 0.124	^{1,2,5} 0.803 ± 0.124	^{1,2,5} 0.865 ± 0.089	^{1,2,5} 0.875 ± 0.090	^{1,2} 0.871 ± 0.097	^{1,2,5} 0.873 ± 0.098
<i>glass-0-1-5-vs-2</i>	^{1,2} 0.272 ± 0.301	^{1,2} 0.272 ± 0.301	^{1,2} 0.573 ± 0.226	^{1,2} 0.609 ± 0.191	^{1,2} 0.642 ± 0.200	^{1,2} 0.673 ± 0.173
<i>yeast-2-vs-4</i>	^{1,2} 0.793 ± 0.098	^{1,2} 0.793 ± 0.098	^{1,2} 0.831 ± 0.078	^{1,2} 0.845 ± 0.081	^{1,2,3} 0.829 ± 0.077	^{1,2,3,4} 0.838 ± 0.080
<i>glass-0-6-vs-5</i>	^{1,2} 0.916 ± 0.241	^{1,2} 0.916 ± 0.241	^{1,2} 0.742 ± 0.349	^{1,2,6} 0.741 ± 0.349	^{1,2} 0.791 ± 0.319	^{1,2} 0.791 ± 0.319
<i>glass2</i>	^{3,4,5,6} 0.321 ± 0.291	^{3,4,5,6} 0.321 ± 0.291	^{1,2} 0.594 ± 0.242	^{1,2} 0.633 ± 0.233	⁴ 0.621 ± 0.241	⁴ 0.664 ± 0.202
<i>yeast-2-vs-8</i>	^{1,2} 0.578 ± 0.290	^{1,2} 0.578 ± 0.290	^{1,2} 0.728 ± 0.153	^{1,2} 0.731 ± 0.154	^{1,2} 0.728 ± 0.153	^{1,2} 0.729 ± 0.153
<i>vowel0</i>	^{1,2} 0.953 ± 0.034	^{1,2} 0.953 ± 0.034	^{1,2} 0.896 ± 0.058	^{1,2} 0.916 ± 0.045	^{1,2} 0.882 ± 0.058	^{1,2,3,5} 0.897 ± 0.055
<i>glass-0-4-vs-5</i>	^{3,4,5,6} 0.988 ± 0.022	^{3,4,5,6} 0.988 ± 0.022	^{1,2} 0.974 ± 0.145	^{3,5,6} 0.974 ± 0.145	^{1,2} 0.974 ± 0.145	^{1,2} 0.974 ± 0.145
<i>glass-0-1-4-6-vs-2</i>	^{3,4,5,6} 0.260 ± 0.316	^{3,4,5,6} 0.270 ± 0.316	^{1,2} 0.586 ± 0.245	^{1,2} 0.599 ± 0.231	^{1,2} 0.590 ± 0.214	^{1,2} 0.609 ± 0.225
<i>yeast4</i>	^{1,2} 0.421 ± 0.170	^{1,2} 0.410 ± 0.178	^{1,2} 0.676 ± 0.095	^{1,2} 0.712 ± 0.088	^{1,2} 0.669 ± 0.095	^{1,2} 0.709 ± 0.108
<i>ecoli-0-4-6-vs-5</i>	^{1,2} 0.811 ± 0.127	^{1,2} 0.811 ± 0.127	^{1,2} 0.865 ± 0.120	^{1,2,3,5} 0.870 ± 0.120	^{1,2} 0.875 ± 0.110	^{1,2,5} 0.877 ± 0.111
<i>page-blocks-1-3-vs-4</i>	^{1,2} 0.973 ± 0.060	^{1,2} 0.973 ± 0.060	^{1,2} 0.844 ± 0.127	^{1,2} 0.854 ± 0.123	^{1,2} 0.914 ± 0.099	^{1,2} 0.927 ± 0.084
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{3,4,5,6} 0.845 ± 0.067	^{3,4,5,6} 0.844 ± 0.066	^{1,2} 0.892 ± 0.044	^{1,2} 0.889 ± 0.046	^{3,4} 0.893 ± 0.044	^{3,4} 0.892 ± 0.045
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2} 0.786 ± 0.158	^{1,2} 0.786 ± 0.158	^{1,2} 0.824 ± 0.124	^{1,2} 0.827 ± 0.119	^{1,2} 0.823 ± 0.122	^{1,2} 0.808 ± 0.128
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,6} 0.730 ± 0.249	^{1,2,6} 0.739 ± 0.230	^{1,2,3} 0.808 ± 0.133	^{1,2,3} 0.819 ± 0.131	^{1,2,6} 0.805 ± 0.127	^{1,2} 0.812 ± 0.133
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2} 0.837 ± 0.113	^{1,2} 0.837 ± 0.113	^{1,2} 0.863 ± 0.099	^{1,2} 0.872 ± 0.098	^{1,2} 0.870 ± 0.099	^{1,2} 0.874 ± 0.088
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2} 0.764 ± 0.175	^{1,2} 0.764 ± 0.175	^{1,2} 0.813 ± 0.141	^{1,2} 0.817 ± 0.131	^{1,2} 0.816 ± 0.133	^{1,2} 0.822 ± 0.121
<i>shuttle-c0-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 1.000 ± 0.000	^{1,2} 0.998 ± 0.006	^{1,2} 0.998 ± 0.006	^{1,2} 0.998 ± 0.006	^{3,4} 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	^{1,2} 0.837 ± 0.145	^{1,2} 0.837 ± 0.145	^{1,2} 0.870 ± 0.151	^{1,2} 0.878 ± 0.145	^{1,2} 0.870 ± 0.186	^{1,2} 0.869 ± 0.186

Table 11: Results for GMEAN metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.293	2.366	3.268	4.524	3.902	4.646
	–	–	1	1,2,3	1,2,3	1,2,3,5

Table 12: Results for mean ranks according to GMEAN metric