

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>glass4</i>	0.771 ± 0.138	0.778 ± 0.139	0.765 ± 0.161	0.613 ± 0.159	0.807 ± 0.159	0.715 ± 0.170
<i>ecoli-0-2-3-4-vs-5</i>	0.777 ± 0.117	0.873 ± 0.092	0.903 ± 0.078	0.887 ± 0.092	0.900 ± 0.079	0.884 ± 0.091
<i>glass-0-1-6-vs-2</i>	0.593 ± 0.096	0.587 ± 0.128	0.698 ± 0.127	0.624 ± 0.155	0.709 ± 0.115	0.604 ± 0.160
<i>ecoli-0-1-vs-5</i>	0.830 ± 0.152	0.891 ± 0.088	0.893 ± 0.080	0.883 ± 0.086	0.895 ± 0.082	0.893 ± 0.084
<i>yeast-1-4-5-8-vs-7</i>	0.544 ± 0.022	0.574 ± 0.045	0.629 ± 0.098	0.586 ± 0.080	0.628 ± 0.098	0.590 ± 0.083
<i>ecoli4</i>	0.891 ± 0.068	0.922 ± 0.079	0.933 ± 0.082	0.912 ± 0.095	0.934 ± 0.080	0.933 ± 0.084
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.859 ± 0.067	0.876 ± 0.070	0.654 ± 0.090	0.858 ± 0.132	0.653 ± 0.090	0.840 ± 0.140
<i>glass5</i>	0.915 ± 0.149	0.915 ± 0.149	0.908 ± 0.155	0.908 ± 0.155	0.908 ± 0.155	0.908 ± 0.155
<i>ecoli-0-3-4-6-vs-5</i>	0.797 ± 0.121	0.884 ± 0.110	0.898 ± 0.090	0.862 ± 0.106	0.900 ± 0.090	0.882 ± 0.104
<i>yeast-0-5-6-7-9-vs-4</i>	0.502 ± 0.022	0.612 ± 0.146	0.794 ± 0.049	0.711 ± 0.096	0.805 ± 0.049	0.723 ± 0.114
<i>yeast6</i>	0.653 ± 0.044	0.722 ± 0.072	0.885 ± 0.056	0.850 ± 0.070	0.885 ± 0.056	0.854 ± 0.075
<i>ecoli-0-6-7-vs-5</i>	0.834 ± 0.111	0.870 ± 0.112	0.869 ± 0.093	0.830 ± 0.090	0.874 ± 0.096	0.853 ± 0.099
<i>glass-0-1-6-vs-5</i>	0.920 ± 0.142	0.920 ± 0.142	0.886 ± 0.150	0.885 ± 0.151	0.886 ± 0.150	0.885 ± 0.151
<i>ecoli-0-1-3-7-vs-2-6</i>	0.844 ± 0.198	0.845 ± 0.199	0.846 ± 0.203	0.846 ± 0.201	0.844 ± 0.203	0.847 ± 0.202
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.767 ± 0.058	0.769 ± 0.048	0.694 ± 0.056	0.609 ± 0.048	0.772 ± 0.053	0.669 ± 0.069
<i>ecoli-0-1-4-7-vs-5-6</i>	0.816 ± 0.131	0.862 ± 0.112	0.838 ± 0.104	0.797 ± 0.096	0.871 ± 0.104	0.857 ± 0.093
<i>yeast5</i>	0.798 ± 0.035	0.841 ± 0.029	0.975 ± 0.021	0.971 ± 0.024	0.976 ± 0.020	0.973 ± 0.024
<i>shuttle-c2-vs-c4</i>	0.937 ± 0.154	0.938 ± 0.154	0.895 ± 0.200	0.888 ± 0.201	0.900 ± 0.193	0.898 ± 0.193
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.661 ± 0.120	0.713 ± 0.126	0.689 ± 0.118	0.702 ± 0.090	0.769 ± 0.129	0.765 ± 0.120
<i>yeast-0-3-5-9-vs-7-8</i>	0.545 ± 0.037	0.606 ± 0.084	0.695 ± 0.073	0.648 ± 0.069	0.698 ± 0.075	0.651 ± 0.079
<i>yeast-1-vs-7</i>	0.581 ± 0.047	0.648 ± 0.094	0.680 ± 0.100	0.669 ± 0.080	0.674 ± 0.096	0.676 ± 0.094
<i>yeast-1-2-8-9-vs-7</i>	0.538 ± 0.024	0.573 ± 0.054	0.687 ± 0.090	0.619 ± 0.090	0.687 ± 0.089	0.626 ± 0.093
<i>ecoli-0-1-4-6-vs-5</i>	0.881 ± 0.088	0.892 ± 0.090	0.899 ± 0.080	0.855 ± 0.081	0.905 ± 0.078	0.876 ± 0.087
<i>glass-0-1-5-vs-2</i>	0.527 ± 0.112	0.578 ± 0.135	0.685 ± 0.115	0.643 ± 0.156	0.700 ± 0.117	0.623 ± 0.143
<i>yeast-2-vs-4</i>	0.556 ± 0.098	0.750 ± 0.171	0.868 ± 0.066	0.850 ± 0.066	0.870 ± 0.060	0.849 ± 0.082
<i>glass-0-6-vs-5</i>	0.936 ± 0.136	0.936 ± 0.136	0.875 ± 0.175	0.875 ± 0.175	0.875 ± 0.175	0.875 ± 0.175
<i>glass2</i>	0.624 ± 0.094	0.614 ± 0.124	0.718 ± 0.115	0.658 ± 0.150	0.738 ± 0.116	0.646 ± 0.133
<i>yeast-2-vs-8</i>	0.640 ± 0.096	0.765 ± 0.086	0.782 ± 0.111	0.777 ± 0.107	0.799 ± 0.105	0.793 ± 0.103
<i>vowel0</i>	0.902 ± 0.026	0.916 ± 0.025	0.887 ± 0.058	0.844 ± 0.064	0.930 ± 0.048	0.896 ± 0.050
<i>glass-0-4-vs-5</i>	0.940 ± 0.112	0.940 ± 0.112	0.935 ± 0.120	0.935 ± 0.120	0.940 ± 0.117	0.940 ± 0.117
<i>glass-0-1-4-6-vs-2</i>	0.592 ± 0.131	0.594 ± 0.146	0.695 ± 0.118	0.639 ± 0.130	0.721 ± 0.106	0.624 ± 0.138
<i>yeast4</i>	0.530 ± 0.030	0.561 ± 0.047	0.811 ± 0.065	0.771 ± 0.064	0.812 ± 0.064	0.707 ± 0.090
<i>ecoli-0-4-6-vs-5</i>	0.873 ± 0.107	0.892 ± 0.101	0.901 ± 0.083	0.880 ± 0.099	0.899 ± 0.083	0.887 ± 0.093
<i>page-blocks-1-3-vs-4</i>	0.776 ± 0.104	0.817 ± 0.127	0.754 ± 0.092	0.752 ± 0.093	0.779 ± 0.108	0.755 ± 0.092
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.541 ± 0.052	0.641 ± 0.131	0.886 ± 0.032	0.876 ± 0.042	0.886 ± 0.033	0.888 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	0.605 ± 0.156	0.752 ± 0.163	0.719 ± 0.136	0.776 ± 0.114	0.778 ± 0.159	0.812 ± 0.129
<i>ecoli-0-6-7-vs-3-5</i>	0.620 ± 0.167	0.618 ± 0.168	0.586 ± 0.121	0.577 ± 0.114	0.677 ± 0.122	0.624 ± 0.137
<i>ecoli-0-3-4-7-vs-5-6</i>	0.833 ± 0.127	0.885 ± 0.084	0.872 ± 0.080	0.829 ± 0.118	0.884 ± 0.077	0.849 ± 0.102
<i>ecoli-0-2-6-7-vs-3-5</i>	0.617 ± 0.158	0.626 ± 0.154	0.599 ± 0.118	0.584 ± 0.113	0.693 ± 0.108	0.644 ± 0.142
<i>shuttle-c0-vs-c4</i>	0.989 ± 0.012	0.989 ± 0.012	0.992 ± 0.012	0.992 ± 0.012	0.992 ± 0.012	0.992 ± 0.012
<i>ecoli-0-3-4-vs-5</i>	0.803 ± 0.128	0.890 ± 0.109	0.908 ± 0.105	0.896 ± 0.109	0.908 ± 0.105	0.893 ± 0.105

Table 1: Results for BAC metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.207	3.354	4.085	2.549	5.159	3.646
	—	1	1,4	—	<i>all</i>	1,4

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>	0.395 ± 0.190	0.451 ± 0.204	0.473 ± 0.237	0.265 ± 0.288	0.519 ± 0.222	0.412 ± 0.270
<i>ecoli-0-2-3-4-vs-5</i>	⁴ 0.492 ± 0.237	^{1,4} 0.682 ± 0.199	^{1,4} 0.801 ± 0.125	^{1,2,4,6} 0.784 ± 0.153	⁴ 0.784 ± 0.131	⁴ 0.769 ± 0.151
<i>glass-0-1-6-vs-2</i>	^{1,2,5,6} 0.196 ± 0.050	¹ 0.197 ± 0.070	^{1,2} 0.293 ± 0.106	^{1,2} 0.243 ± 0.128	^{1,2} 0.300 ± 0.099	^{1,2} 0.222 ± 0.123
<i>ecoli-0-1-vs-5</i>	^{1,2,4,6} 0.682 ± 0.285	^{1,2,6} 0.819 ± 0.127	^{1,2,4,6} 0.857 ± 0.110	^{1,2,6} 0.841 ± 0.123	^{1,2,4,6} 0.858 ± 0.115	² 0.858 ± 0.114
<i>yeast-1-4-5-8-vs-7</i>	¹ 0.090 ± 0.004	¹ 0.097 ± 0.009	^{1,2} 0.144 ± 0.052	¹ 0.111 ± 0.038	^{1,2} 0.143 ± 0.052	^{1,2} 0.115 ± 0.043
<i>ecoli4</i>	^{1,2,4,6} 0.449 ± 0.135	¹ 0.653 ± 0.208	^{1,2,4,6} 0.798 ± 0.169	¹ 0.786 ± 0.180	^{1,2,4,6} 0.764 ± 0.161	^{1,2,4} 0.775 ± 0.164
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,5} 0.532 ± 0.103	¹ 0.630 ± 0.152	^{1,2,5} 0.389 ± 0.173	^{1,2} 0.672 ± 0.211	^{1,2} 0.386 ± 0.173	^{1,2} 0.623 ± 0.217
<i>glass5</i>	^{3,5} 0.721 ± 0.256	^{1,3,5} 0.721 ± 0.256	¹ 0.809 ± 0.278	^{all} 0.809 ± 0.278	¹ 0.809 ± 0.278	^{1,3,5} 0.809 ± 0.278
<i>ecoli-0-3-4-6-vs-5</i>	^{1,2} 0.467 ± 0.189	¹ 0.697 ± 0.211	^{1,2} 0.768 ± 0.154	^{1,2} 0.742 ± 0.185	^{1,2} 0.765 ± 0.152	^{1,2} 0.761 ± 0.183
<i>yeast-0-5-6-7-9-vs-4</i>	¹ 0.176 ± 0.007	¹ 0.268 ± 0.131	^{1,2} 0.444 ± 0.074	¹ 0.373 ± 0.125	^{1,2} 0.444 ± 0.076	^{1,2} 0.383 ± 0.139
<i>yeast6</i>	^{1,2,4,6} 0.067 ± 0.009	¹ 0.093 ± 0.032	^{1,2,4,6} 0.368 ± 0.050	^{1,2} 0.287 ± 0.103	^{1,2,4,6} 0.365 ± 0.052	^{1,2} 0.306 ± 0.101
<i>ecoli-0-6-7-vs-5</i>	¹ 0.518 ± 0.166	¹ 0.662 ± 0.207	^{all} 0.741 ± 0.156	^{1,2} 0.702 ± 0.175	^{1,2,4,6} 0.731 ± 0.155	^{1,2,4} 0.697 ± 0.172
<i>glass-0-1-6-vs-5</i>	^{1,2,6} 0.798 ± 0.259	¹ 0.798 ± 0.259	^{1,2,6} 0.776 ± 0.267	¹ 0.773 ± 0.269	^{1,2} 0.776 ± 0.267	^{1,2} 0.773 ± 0.269
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.593 ± 0.344	¹ 0.615 ± 0.357	¹ 0.689 ± 0.378	¹ 0.674 ± 0.378	¹ 0.652 ± 0.367	¹ 0.688 ± 0.382
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2} 0.586 ± 0.090	^{1,2} 0.592 ± 0.076	^{1,2} 0.512 ± 0.112	^{1,2} 0.337 ± 0.120	¹ 0.618 ± 0.087	^{1,2} 0.456 ± 0.145
<i>ecoli-0-1-4-7-vs-5-6</i>	^{3,4,6} 0.645 ± 0.223	^{3,4,6} 0.735 ± 0.189	^{4,6} 0.752 ± 0.180	^{all} 0.700 ± 0.163	^{all} 0.776 ± 0.182	⁴ 0.765 ± 0.144
<i>yeast5</i>	¹ 0.136 ± 0.022	¹ 0.168 ± 0.028	^{1,4} 0.613 ± 0.067	¹ 0.605 ± 0.084	^{1,2,4} 0.614 ± 0.067	^{1,4} 0.606 ± 0.087
<i>shuttle-c2-vs-c4</i>	^{1,2} 0.866 ± 0.312	¹ 0.868 ± 0.309	^{1,2} 0.793 ± 0.399	^{1,2} 0.760 ± 0.394	^{1,2} 0.807 ± 0.383	^{1,2} 0.780 ± 0.380
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	¹ 0.432 ± 0.240	¹ 0.533 ± 0.233	¹ 0.500 ± 0.242	¹ 0.538 ± 0.181	¹ 0.645 ± 0.231	¹ 0.640 ± 0.209
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,3,4} 0.200 ± 0.044	¹ 0.269 ± 0.119	¹ 0.365 ± 0.094	¹ 0.308 ± 0.102	^{1,2,3,4} 0.362 ± 0.101	^{1,2,3,4} 0.316 ± 0.101
<i>yeast-1-vs-7</i>	^{1,2,4,6} 0.144 ± 0.015	¹ 0.190 ± 0.064	^{all} 0.236 ± 0.077	^{1,2} 0.273 ± 0.134	^{1,2,4,6} 0.228 ± 0.066	^{1,2} 0.245 ± 0.104
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,5} 0.066 ± 0.003	¹ 0.072 ± 0.008	^{1,2,5} 0.170 ± 0.058	^{1,2,6} 0.115 ± 0.063	^{1,2} 0.170 ± 0.058	^{1,2} 0.121 ± 0.065
<i>ecoli-0-1-4-6-vs-5</i>	^{1,2,4,6} 0.626 ± 0.173	¹ 0.712 ± 0.180	^{1,2,4,6} 0.805 ± 0.113	^{1,2} 0.771 ± 0.125	^{1,2,4,6} 0.798 ± 0.111	^{1,2,4} 0.787 ± 0.135
<i>glass-0-1-5-vs-2</i>	^{1,2,4} 0.184 ± 0.058	¹ 0.215 ± 0.099	^{1,2,4} 0.294 ± 0.099	^{1,2} 0.274 ± 0.157	^{1,2} 0.304 ± 0.098	^{1,2} 0.243 ± 0.115
<i>yeast-2-vs-4</i>	^{1,2,6} 0.221 ± 0.112	¹ 0.491 ± 0.243	^{1,2,6} 0.724 ± 0.112	^{1,2,6} 0.694 ± 0.133	^{1,2,6} 0.702 ± 0.100	^{1,2} 0.664 ± 0.151
<i>glass-0-6-vs-5</i>	^{1,2,5,6} 0.868 ± 0.249	¹ 0.868 ± 0.249	^{1,2,5,6} 0.793 ± 0.325	^{1,2,6} 0.793 ± 0.325	^{1,2} 0.793 ± 0.325	^{1,2} 0.793 ± 0.325
<i>glass2</i>	¹ 0.194 ± 0.048	¹ 0.194 ± 0.068	¹ 0.304 ± 0.105	¹ 0.242 ± 0.108	¹ 0.321 ± 0.112	¹ 0.220 ± 0.086
<i>yeast-2-vs-8</i>	^{1,2,4,6} 0.179 ± 0.172	^{1,2,6} 0.357 ± 0.191	^{1,2,4,6} 0.633 ± 0.195	^{1,2,6} 0.638 ± 0.196	^{1,2,4,6} 0.629 ± 0.178	^{1,2} 0.631 ± 0.192
<i>vowel0</i>	^{1,2} 0.588 ± 0.036	¹ 0.628 ± 0.035	^{1,2} 0.806 ± 0.077	^{1,2} 0.767 ± 0.098	^{1,2} 0.812 ± 0.065	^{1,2} 0.728 ± 0.070
<i>glass-0-4-vs-5</i>	^{1,2,4,6} 0.879 ± 0.187	¹ 0.879 ± 0.187	^{1,2,4,6} 0.907 ± 0.189	^{1,2,6} 0.907 ± 0.189	^{1,2,4,6} 0.913 ± 0.186	^{1,2} 0.913 ± 0.186
<i>glass-0-1-4-6-vs-2</i>	¹ 0.182 ± 0.056	¹ 0.186 ± 0.073	¹ 0.288 ± 0.102	¹ 0.242 ± 0.104	¹ 0.308 ± 0.093	¹ 0.224 ± 0.102
<i>yeast4</i>	^{1,2,4,6} 0.070 ± 0.005	^{1,2,6} 0.076 ± 0.008	^{1,2,4,6} 0.324 ± 0.054	^{1,2,6} 0.213 ± 0.090	^{1,2,4,6} 0.323 ± 0.054	^{1,2} 0.183 ± 0.113
<i>ecoli-0-4-6-vs-5</i>	^{1,2,4,6} 0.650 ± 0.184	¹ 0.742 ± 0.200	^{1,2,4,6} 0.784 ± 0.143	^{1,2,6} 0.770 ± 0.169	^{1,2,4,6} 0.775 ± 0.143	^{1,2} 0.775 ± 0.159
<i>page-blocks-1-3-vs-4</i>	¹ 0.489 ± 0.149	¹ 0.538 ± 0.167	¹ 0.539 ± 0.157	¹ 0.529 ± 0.154	¹ 0.554 ± 0.165	¹ 0.518 ± 0.146
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,2,4,6} 0.198 ± 0.055	¹ 0.307 ± 0.195	^{1,4,6} 0.642 ± 0.094	^{1,6} 0.645 ± 0.116	^{1,2,4,6} 0.623 ± 0.082	¹ 0.647 ± 0.093
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,5} 0.258 ± 0.332	¹ 0.598 ± 0.328	^{1,2,5} 0.550 ± 0.310	^{1,2} 0.674 ± 0.221	^{1,2} 0.646 ± 0.327	^{1,2,3,5} 0.727 ± 0.240
<i>ecoli-0-6-7-vs-3-5</i>	^{1,3} 0.260 ± 0.296	^{1,3} 0.254 ± 0.297	¹ 0.226 ± 0.279	^{1,3} 0.214 ± 0.256	^{1,3} 0.452 ± 0.238	^{all} 0.321 ± 0.283
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.563 ± 0.198	¹ 0.714 ± 0.155	¹ 0.747 ± 0.125	¹ 0.700 ± 0.199	^{all} 0.753 ± 0.121	^{1,2,3,4} 0.713 ± 0.164
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.269 ± 0.284	¹ 0.296 ± 0.279	¹ 0.265 ± 0.275	¹ 0.240 ± 0.264	^{1,2} 0.489 ± 0.201	¹ 0.365 ± 0.279
<i>shuttle-c0-vs-c4</i>	^{1,3,4} 0.976 ± 0.021	¹ 0.976 ± 0.021	^{all} 0.992 ± 0.013	¹ 0.992 ± 0.013	^{all} 0.992 ± 0.013	^{1,3,4} 0.992 ± 0.013
<i>ecoli-0-3-4-vs-5</i>	^{1,2} 0.489 ± 0.211	¹ 0.720 ± 0.189	^{1,2} 0.800 ± 0.165	^{1,2} 0.791 ± 0.177	^{1,2} 0.798 ± 0.163	^{1,2} 0.769 ± 0.167
	¹	¹	^{1,2,6}	^{1,2,6}	^{1,2,6}	^{1,2}

Table 3: Results for F1 metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	1.622	2.671	4.646	3.378	4.890	3.793
	—	1	1,2,4,6	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>	0.311 ± 0.196	0.383 ± 0.211	0.436 ± 0.249	0.301 ± 0.344	0.459 ± 0.224	0.404 ± 0.296
<i>ecoli-0-2-3-4-vs-5</i>	—	^{1,4}	^{1,2,4}	—	^{1,2,4}	^{1,4}
	0.427 ± 0.282	0.618 ± 0.257	0.799 ± 0.174	0.798 ± 0.186	0.769 ± 0.183	0.772 ± 0.187
<i>glass-0-1-6-vs-2</i>	—	¹	^{1,2,5}	^{1,2}	^{1,2}	^{1,2}
	0.111 ± 0.030	0.115 ± 0.043	0.188 ± 0.073	0.164 ± 0.101	0.192 ± 0.069	0.139 ± 0.082
<i>ecoli-0-1-vs-5</i>	—	—	^{1,2,4,6}	^{1,2,6}	^{1,2,4,6}	^{1,2}
	0.730 ± 0.312	0.879 ± 0.145	0.963 ± 0.094	0.955 ± 0.107	0.957 ± 0.103	0.968 ± 0.089
<i>yeast-1-4-5-8-vs-7</i>	—	¹	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.047 ± 0.002	0.051 ± 0.005	0.084 ± 0.031	0.061 ± 0.023	0.084 ± 0.031	0.065 ± 0.027
<i>ecoli4</i>	—	¹	^{1,2,4,6}	^{1,2}	^{1,2,4,6}	^{1,2,4}
	0.306 ± 0.135	0.538 ± 0.241	0.752 ± 0.214	0.767 ± 0.215	0.692 ± 0.207	0.716 ± 0.209
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	—	¹	^{1,2,5,6}	^{1,2,5,6}	^{1,2}	^{1,2}
	0.395 ± 0.099	0.533 ± 0.200	0.510 ± 0.245	0.640 ± 0.195	0.490 ± 0.238	0.585 ± 0.203
<i>glass5</i>	—	¹	¹	<i>all</i>	¹	^{1,2,5}
	0.660 ± 0.272	0.660 ± 0.272	0.850 ± 0.292	0.850 ± 0.292	0.850 ± 0.292	0.850 ± 0.292
<i>ecoli-0-3-4-6-vs-5</i>	—	—	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.350 ± 0.189	0.621 ± 0.245	0.734 ± 0.186	0.765 ± 0.216	0.725 ± 0.185	0.759 ± 0.224
<i>yeast-0-5-6-7-9-vs-4</i>	—	¹	^{1,2}	^{1,2,5}	^{1,2}	^{1,2}
	0.097 ± 0.004	0.168 ± 0.105	0.321 ± 0.091	0.315 ± 0.172	0.312 ± 0.081	0.281 ± 0.145
<i>yeast6</i>	—	¹	^{1,2,6}	^{1,2,6}	^{1,2}	^{1,2}
	0.035 ± 0.005	0.050 ± 0.018	0.238 ± 0.038	0.181 ± 0.075	0.235 ± 0.040	0.195 ± 0.073
<i>ecoli-0-6-7-vs-5</i>	—	¹	<i>all</i>	^{1,2}	^{1,2,4,6}	^{1,2,4}
	0.402 ± 0.181	0.590 ± 0.241	0.745 ± 0.196	0.750 ± 0.229	0.715 ± 0.193	0.689 ± 0.221
<i>glass-0-1-6-vs-5</i>	—	¹	^{1,2,5,6}	^{1,2,6}	^{1,2}	^{1,2}
	0.797 ± 0.285	0.797 ± 0.285	0.827 ± 0.286	0.817 ± 0.289	0.827 ± 0.286	0.817 ± 0.289
<i>ecoli-0-1-3-7-vs-2-6</i>	—	—	—	—	—	—
	0.570 ± 0.372	0.610 ± 0.389	0.723 ± 0.400	0.710 ± 0.410	0.662 ± 0.395	0.717 ± 0.404
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	—	—	^{1,2}	^{1,2}	—	^{1,2}
	0.611 ± 0.079	0.616 ± 0.089	0.719 ± 0.111	0.682 ± 0.181	0.682 ± 0.092	0.677 ± 0.130
<i>ecoli-0-1-4-7-vs-5-6</i>	—	—	^{1,2,5,6}	^{1,2}	^{1,2}	^{1,2}
	0.686 ± 0.243	0.763 ± 0.213	0.876 ± 0.181	0.906 ± 0.150	0.832 ± 0.194	0.847 ± 0.175
<i>yeast5</i>	—	¹	^{1,2,5}	^{1,2,5,6}	^{1,2}	^{1,2}
	0.073 ± 0.013	0.092 ± 0.017	0.448 ± 0.068	0.442 ± 0.080	0.448 ± 0.068	0.442 ± 0.082
<i>shuttle-c2-vs-c4</i>	—	¹	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.872 ± 0.320	0.875 ± 0.316	0.800 ± 0.400	0.760 ± 0.402	0.820 ± 0.384	0.780 ± 0.389
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	—	—	—	—	—	—
	0.757 ± 0.319	0.812 ± 0.252	0.855 ± 0.289	0.867 ± 0.214	0.910 ± 0.160	0.881 ± 0.172
<i>yeast-0-3-5-9-vs-7-8</i>	—	—	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.122 ± 0.082	0.207 ± 0.152	0.341 ± 0.177	0.393 ± 0.283	0.309 ± 0.153	0.370 ± 0.260
<i>yeast-1-vs-7</i>	—	¹	^{1,2,5}	^{1,2,6}	^{1,2}	^{1,2}
	0.078 ± 0.008	0.110 ± 0.042	0.149 ± 0.053	0.251 ± 0.211	0.141 ± 0.041	0.162 ± 0.083
<i>yeast-1-2-8-9-vs-7</i>	—	¹	^{1,2,5}	<i>all</i>	^{1,2}	^{1,2}
	0.034 ± 0.001	0.037 ± 0.004	0.102 ± 0.035	0.066 ± 0.040	0.102 ± 0.035	0.070 ± 0.041
<i>ecoli-0-1-4-6-vs-5</i>	—	¹	^{1,2,4,6}	^{1,2}	^{1,2,4,6}	^{1,2,4}
	0.530 ± 0.214	0.661 ± 0.236	0.833 ± 0.157	0.869 ± 0.159	0.804 ± 0.161	0.849 ± 0.172
<i>glass-0-1-5-vs-2</i>	—	¹	^{1,2}	^{1,2,5}	^{1,2}	^{1,2}
	0.105 ± 0.034	0.132 ± 0.075	0.189 ± 0.068	0.188 ± 0.119	0.194 ± 0.068	0.156 ± 0.084
<i>yeast-2-vs-4</i>	—	¹	^{1,2,6}	^{1,2,6}	^{1,2,6}	^{1,2}
	0.134 ± 0.103	0.400 ± 0.242	0.708 ± 0.169	0.690 ± 0.198	0.649 ± 0.136	0.613 ± 0.180
<i>glass-0-6-vs-5</i>	—	¹	^{1,2,5,6}	^{1,2,5,6}	^{1,2}	^{1,2}
	0.887 ± 0.254	0.887 ± 0.254	0.880 ± 0.324	0.880 ± 0.324	0.880 ± 0.324	0.880 ± 0.324
<i>glass2</i>	—	—	—	—	—	—
	0.110 ± 0.028	0.112 ± 0.040	0.199 ± 0.077	0.149 ± 0.072	0.210 ± 0.084	0.131 ± 0.055
<i>yeast-2-vs-8</i>	—	—	^{1,2,4,6}	^{1,2,6}	^{1,2,4,6}	^{1,2}
	0.145 ± 0.199	0.309 ± 0.236	0.822 ± 0.253	0.844 ± 0.232	0.735 ± 0.253	0.774 ± 0.257
<i>vowel0</i>	—	¹	^{1,2,5}	^{1,2,5,6}	^{1,2}	^{1,2}
	0.432 ± 0.038	0.474 ± 0.040	0.836 ± 0.081	0.865 ± 0.103	0.751 ± 0.069	0.649 ± 0.074
<i>glass-0-4-vs-5</i>	—	¹	^{1,2,5,6}	<i>all</i>	^{1,2,6}	^{1,2}
	0.913 ± 0.195	0.913 ± 0.195	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>	—	—	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.103 ± 0.032	0.107 ± 0.043	0.186 ± 0.070	0.156 ± 0.081	0.198 ± 0.065	0.142 ± 0.080
<i>yeast4</i>	—	¹	^{1,2,4,6}	^{1,2,6}	^{1,2,4,6}	^{1,2}
	0.037 ± 0.002	0.039 ± 0.004	0.210 ± 0.036	0.130 ± 0.066	0.210 ± 0.037	0.112 ± 0.079
<i>ecoli-0-4-6-vs-5</i>	—	¹	^{1,2,4,6}	^{1,2,6}	^{1,2,4,6}	^{1,2}
	0.545 ± 0.190	0.695 ± 0.244	0.755 ± 0.177	0.784 ± 0.196	0.740 ± 0.178	0.771 ± 0.193
<i>page-blocks-1-3-vs-4</i>	—	¹	^{1,2}	^{1,2,5}	¹	^{1,2}
	0.431 ± 0.159	0.465 ± 0.159	0.570 ± 0.174	0.549 ± 0.168	0.552 ± 0.169	0.518 ± 0.161
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	—	¹	^{1,2,4,6}	^{1,2,6}	^{1,2,6}	^{1,2}
	0.112 ± 0.045	0.213 ± 0.188	0.529 ± 0.147	0.555 ± 0.184	0.496 ± 0.121	0.528 ± 0.126
<i>ecoli-0-1-vs-2-3-5</i>	—	¹	^{1,2,5}	^{1,2,5}	^{1,2}	^{1,2,5}
	0.406 ± 0.459	0.791 ± 0.371	0.793 ± 0.399	0.898 ± 0.234	0.830 ± 0.365	0.898 ± 0.234
<i>ecoli-0-6-7-vs-3-5</i>	—	¹	¹	^{1,2}	¹	^{1,2}
	0.290 ± 0.305	0.285 ± 0.305	0.355 ± 0.426	0.353 ± 0.418	0.736 ± 0.335	0.491 ± 0.411
<i>ecoli-0-3-4-7-vs-5-6</i>	—	—	—	—	<i>all</i>	^{1,2,4}
	0.486 ± 0.199	0.658 ± 0.181	0.745 ± 0.149	0.768 ± 0.214	0.731 ± 0.145	0.750 ± 0.177
<i>ecoli-0-2-6-7-vs-3-5</i>	—	¹	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.329 ± 0.326	0.388 ± 0.342	0.436 ± 0.434	0.387 ± 0.419	0.773 ± 0.263	0.535 ± 0.390
<i>shuttle-c0-vs-c4</i>	—	—	—	—	—	^{1,4}
	0.974 ± 0.037	0.974 ± 0.037	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000
<i>ecoli-0-3-4-vs-5</i>	—	—	^{1,2}	^{1,2}	^{1,2}	^{1,2}
	0.385 ± 0.225	0.663 ± 0.220	0.790 ± 0.177	0.795 ± 0.188	0.786 ± 0.175	0.756 ± 0.183
	—	¹	^{1,2,6}	^{1,2,6}	^{1,2,6}	^{1,2}

Table 5: Results for Precision metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	1.305	2.207	4.768	4.439	4.280	4.000
	—	1	1,2,5,6	1,2,6	1,2	1,2

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>	0.653 ± 0.270	0.633 ± 0.272	0.583 ± 0.320	0.270 ± 0.310	0.673 ± 0.312	0.480 ± 0.336
<i>ecoli-0-2-3-4-vs-5</i>	^{4,6} 0.795 ± 0.198	^{4,6} 0.835 ± 0.146	^{4,6} 0.835 ± 0.155	0.800 ± 0.180	^{3,4,6} 0.835 ± 0.155	⁴ 0.800 ± 0.180
<i>glass-0-1-6-vs-2</i>	0.845 ± 0.192	0.742 ± 0.242	0.700 ± 0.236	0.580 ± 0.298	0.723 ± 0.216	0.600 ± 0.295
<i>ecoli-0-1-vs-5</i>	^{all} 0.680 ± 0.304	^{4,6} 0.795 ± 0.178	^{4,6} 0.790 ± 0.160	0.770 ± 0.172	^{4,6} 0.795 ± 0.163	0.790 ± 0.168
<i>yeast-1-4-5-8-vs-7</i>	0.990 ± 0.051	0.933 ± 0.105	0.513 ± 0.193	0.727 ± 0.242	0.513 ± 0.193	0.717 ± 0.247
<i>ecoli4</i>	^{all} 0.945 ± 0.103	^{3,4,5,6} 0.920 ± 0.116	0.890 ± 0.159	^{3,5} 0.845 ± 0.186	0.900 ± 0.158	^{3,5} 0.895 ± 0.166
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{3,4,5,6} 0.845 ± 0.118	⁴ 0.836 ± 0.127	0.342 ± 0.177	0.757 ± 0.267	⁴ 0.342 ± 0.177	⁴ 0.734 ± 0.288
<i>glass5</i>	^{3,5} 0.850 ± 0.304	^{3,5} 0.850 ± 0.304	0.820 ± 0.312	^{3,5} 0.820 ± 0.312	0.820 ± 0.312	^{3,5} 0.820 ± 0.312
<i>ecoli-0-3-4-6-vs-5</i>	0.855 ± 0.166	0.850 ± 0.173	0.835 ± 0.170	0.755 ± 0.203	0.840 ± 0.171	0.800 ± 0.193
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,6} 0.981 ± 0.038	^{4,6} 0.931 ± 0.084	⁴ 0.785 ± 0.125	0.725 ± 0.246	⁴ 0.817 ± 0.102	⁴ 0.825 ± 0.163
<i>yeast6</i>	^{all} 0.977 ± 0.087	^{3,4,5,6} 0.940 ± 0.107	⁴ 0.837 ± 0.117	0.820 ± 0.142	^{3,4} 0.837 ± 0.117	⁴ 0.811 ± 0.144
<i>ecoli-0-6-7-vs-5</i>	^{all} 0.835 ± 0.177	^{3,4,5,6} 0.825 ± 0.182	0.770 ± 0.179	0.690 ± 0.170	0.785 ± 0.187	0.750 ± 0.187
<i>glass-0-1-6-vs-5</i>	^{3,4,6} 0.850 ± 0.287	^{3,4,6} 0.850 ± 0.287	⁴ 0.780 ± 0.302	0.780 ± 0.302	⁴ 0.780 ± 0.302	⁴ 0.780 ± 0.302
<i>ecoli-0-1-3-7-vs-2-6</i>	0.700 ± 0.400	0.700 ± 0.400	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>	0.574 ± 0.120	0.579 ± 0.096	0.405 ± 0.112	0.229 ± 0.094	0.574 ± 0.107	0.356 ± 0.140
<i>ecoli-0-1-4-7-vs-5-6</i>	^{3,4,6} 0.660 ± 0.266	^{3,4,6} 0.748 ± 0.222	^{4,6} 0.684 ± 0.208	0.600 ± 0.191	^{3,4,6} 0.756 ± 0.208	⁴ 0.728 ± 0.186
<i>yeast5</i>	0.993 ± 0.034	^{1,3,4} 0.993 ± 0.034	⁴ 0.989 ± 0.040	0.984 ± 0.044	^{1,3,4} 0.991 ± 0.037	⁴ 0.989 ± 0.040
<i>shuttle-c2-vs-c4</i>	0.880 ± 0.309	0.880 ± 0.309	0.790 ± 0.401	0.780 ± 0.401	0.800 ± 0.387	0.800 ± 0.387
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.330 ± 0.241	0.435 ± 0.255	0.381 ± 0.236	0.410 ± 0.180	0.543 ± 0.258	0.538 ± 0.239
<i>yeast-0-3-5-9-vs-7-8</i>	0.944 ± 0.151	^{1,3} 0.740 ± 0.279	¹ 0.568 ± 0.237	^{1,3} 0.532 ± 0.297	^{1,2,3,4} 0.586 ± 0.227	^{1,2,3,4} 0.546 ± 0.289
<i>yeast-1-vs-7</i>	^{all} 0.910 ± 0.142	^{3,4,5,6} 0.783 ± 0.211	⁴ 0.613 ± 0.203	0.607 ± 0.284	^{4,6} 0.610 ± 0.201	⁴ 0.667 ± 0.240
<i>yeast-1-2-8-9-vs-7</i>	^{all} 0.977 ± 0.074	^{3,4,5,6} 0.933 ± 0.120	0.527 ± 0.177	0.700 ± 0.230	0.527 ± 0.177	^{4,5} 0.677 ± 0.236
<i>ecoli-0-1-4-6-vs-5</i>	^{all} 0.840 ± 0.156	^{3,4,5,6} 0.830 ± 0.169	0.815 ± 0.164	^{3,5} 0.720 ± 0.163	0.830 ± 0.161	^{3,5} 0.765 ± 0.176
<i>glass-0-1-5-vs-2</i>	^{4,6} 0.750 ± 0.234	^{4,6} 0.680 ± 0.256	^{4,6} 0.695 ± 0.242	0.573 ± 0.312	^{4,6} 0.732 ± 0.242	⁴ 0.645 ± 0.302
<i>yeast-2-vs-4</i>	^{2,4,6} 0.958 ± 0.061	⁴ 0.863 ± 0.112	⁴ 0.779 ± 0.137	0.759 ± 0.140	^{4,6} 0.794 ± 0.124	0.785 ± 0.141
<i>glass-0-6-vs-5</i>	^{all} 0.880 ± 0.274	^{3,4,5,6} 0.880 ± 0.274	⁴ 0.750 ± 0.350	0.750 ± 0.350	⁴ 0.750 ± 0.350	⁴ 0.750 ± 0.350
<i>glass2</i>	^{3,4,5,6} 0.825 ± 0.192	^{3,4,5,6} 0.737 ± 0.242	0.683 ± 0.222	0.692 ± 0.245	0.725 ± 0.216	0.733 ± 0.230
<i>yeast-2-vs-8</i>	^{all} 0.870 ± 0.207	0.690 ± 0.221	0.575 ± 0.225	0.565 ± 0.216	0.615 ± 0.213	0.610 ± 0.213
<i>vowel0</i>	^{all} 0.929 ± 0.059	^{3,4,5,6} 0.938 ± 0.057	0.790 ± 0.119	0.700 ± 0.128	⁴ 0.891 ± 0.096	⁴ 0.839 ± 0.103
<i>glass-0-4-vs-5</i>	^{3,4,5,6} 0.890 ± 0.229	^{3,4,5,6} 0.890 ± 0.229	⁴ 0.870 ± 0.241	0.870 ± 0.241	^{3,4,6} 0.880 ± 0.235	^{3,4} 0.880 ± 0.235
<i>glass-0-1-4-6-vs-2</i>	0.797 ± 0.270	0.738 ± 0.293	0.660 ± 0.232	0.625 ± 0.247	0.717 ± 0.199	0.650 ± 0.276
<i>yeast4</i>	^{all} 0.971 ± 0.052	^{4,6} 0.951 ± 0.065	0.718 ± 0.137	0.803 ± 0.142	⁴ 0.722 ± 0.132	0.846 ± 0.159
<i>ecoli-0-4-6-vs-5</i>	^{all} 0.850 ± 0.158	^{3,4,5,6} 0.845 ± 0.165	0.835 ± 0.155	^{3,5} 0.790 ± 0.189	0.835 ± 0.155	^{3,4,5} 0.805 ± 0.175
<i>page-blocks-1-3-vs-4</i>	^{4,6} 0.608 ± 0.210	⁴ 0.685 ± 0.257	0.537 ± 0.182	0.533 ± 0.183	0.591 ± 0.215	0.544 ± 0.183
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{3,4,6} 0.989 ± 0.027	^{all} 0.953 ± 0.082	0.870 ± 0.079	0.848 ± 0.097	^{3,4,6} 0.882 ± 0.081	0.873 ± 0.079
<i>ecoli-0-1-vs-2-3-5</i>	^{all} 0.215 ± 0.313	^{3,4,5,6} 0.509 ± 0.321	⁴ 0.438 ± 0.272	0.556 ± 0.223	^{3,4} 0.557 ± 0.319	⁴ 0.629 ± 0.253
<i>ecoli-0-6-7-vs-3-5</i>	0.270 ± 0.349	^{1,3} 0.266 ± 0.351	¹ 0.185 ± 0.247	^{1,3} 0.174 ± 0.230	^{1,3} 0.370 ± 0.250	^{all} 0.271 ± 0.274
<i>ecoli-0-3-4-7-vs-5-6</i>	^{3,4} 0.784 ± 0.270	^{3,4} 0.832 ± 0.166	0.776 ± 0.163	0.684 ± 0.240	^{all} 0.804 ± 0.157	^{3,4} 0.732 ± 0.213
<i>ecoli-0-2-6-7-vs-3-5</i>	⁴ 0.266 ± 0.325	^{3,4,6} 0.282 ± 0.315	⁴ 0.209 ± 0.240	0.189 ± 0.221	^{4,6} 0.400 ± 0.223	0.314 ± 0.283
<i>shuttle-c0-vs-c4</i>	⁴ 0.980 ± 0.025	^{3,4} 0.980 ± 0.025	0.985 ± 0.025	0.984 ± 0.025	^{all} 0.985 ± 0.025	^{3,4} 0.984 ± 0.025
<i>ecoli-0-3-4-vs-5</i>	0.820 ± 0.234	0.845 ± 0.205	0.845 ± 0.205	0.820 ± 0.212	0.845 ± 0.205	0.820 ± 0.206

Table 7: Results for Recall metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	4.805	4.829	2.646	1.768	3.951	3.000
	3,4,6	3,4,5,6	4	—	3,4,6	4

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>	0.771 ± 0.138	0.778 ± 0.139	0.765 ± 0.161	0.613 ± 0.159	0.807 ± 0.159	0.715 ± 0.170
<i>ecoli-0-2-3-4-vs-5</i>	⁴ 0.777 ± 0.117	^{1,4} 0.873 ± 0.092	⁴ 0.903 ± 0.078	[−] 0.887 ± 0.092	^{1,2,4,6} 0.900 ± 0.079	⁴ 0.884 ± 0.091
<i>glass-0-1-6-vs-2</i>	[−] 0.593 ± 0.096	¹ 0.587 ± 0.128	^{1,2,5,6} 0.698 ± 0.127	^{1,2} 0.624 ± 0.155	^{1,2} 0.709 ± 0.115	^{1,2} 0.604 ± 0.160
<i>ecoli-0-1-vs-5</i>	[−] 0.830 ± 0.152	[−] 0.891 ± 0.088	^{1,2,4,6} 0.893 ± 0.080	^{2,6} 0.883 ± 0.086	^{1,2,4,6} 0.895 ± 0.082	[−] 0.893 ± 0.084
<i>yeast-1-4-5-8-vs-7</i>	[−] 0.544 ± 0.022	¹ 0.574 ± 0.045	^{1,2} 0.629 ± 0.098	¹ 0.586 ± 0.080	^{1,2} 0.628 ± 0.098	^{1,2} 0.590 ± 0.083
<i>ecoli4</i>	[−] 0.891 ± 0.068	¹ 0.922 ± 0.079	^{1,2,4} 0.933 ± 0.082	¹ 0.912 ± 0.095	^{1,2,4} 0.934 ± 0.080	^{1,4} 0.933 ± 0.084
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.859 ± 0.067	¹ 0.876 ± 0.070	^{1,2} 0.654 ± 0.090	¹ 0.858 ± 0.132	^{1,2,3} 0.653 ± 0.090	^{1,2} 0.840 ± 0.140
<i>glass5</i>	^{3,5} 0.915 ± 0.149	^{1,3,5} 0.915 ± 0.149	[−] 0.908 ± 0.155	^{3,5} 0.908 ± 0.155	[−] 0.908 ± 0.155	^{3,5} 0.908 ± 0.155
<i>ecoli-0-3-4-6-vs-5</i>	^{3,4,5,6} 0.797 ± 0.121	^{3,4,5,6} 0.884 ± 0.110	[−] 0.898 ± 0.090	[−] 0.862 ± 0.106	[−] 0.900 ± 0.090	[−] 0.882 ± 0.104
<i>yeast-0-5-6-7-9-vs-4</i>	[−] 0.502 ± 0.022	¹ 0.612 ± 0.146	^{1,2,4} 0.794 ± 0.049	¹ 0.711 ± 0.096	^{1,2,4} 0.805 ± 0.049	¹ 0.723 ± 0.114
<i>yeast6</i>	[−] 0.653 ± 0.044	¹ 0.722 ± 0.072	^{1,2,4,6} 0.885 ± 0.056	^{1,2} 0.850 ± 0.070	^{1,2,4,6} 0.885 ± 0.056	^{1,2} 0.854 ± 0.075
<i>ecoli-0-6-7-vs-5</i>	[−] 0.834 ± 0.111	¹ 0.870 ± 0.112	<i>all</i> 0.869 ± 0.093	^{1,2} 0.830 ± 0.090	^{1,2,4} 0.874 ± 0.096	^{1,2,4} 0.853 ± 0.099
<i>glass-0-1-6-vs-5</i>	[−] 0.920 ± 0.142	^{1,4} 0.920 ± 0.142	^{1,4,6} 0.886 ± 0.150	[−] 0.885 ± 0.151	^{1,2,4} 0.886 ± 0.150	[−] 0.885 ± 0.151
<i>ecoli-0-1-3-7-vs-2-6</i>	[−] 0.844 ± 0.198	[−] 0.845 ± 0.199	[−] 0.846 ± 0.203	[−] 0.846 ± 0.201	[−] 0.844 ± 0.203	[−] 0.847 ± 0.202
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.767 ± 0.058	[−] 0.769 ± 0.048	^{1,5} 0.694 ± 0.056	[−] 0.609 ± 0.048	[−] 0.772 ± 0.053	^{1,5} 0.669 ± 0.069
<i>ecoli-0-1-4-7-vs-5-6</i>	^{3,4,6} 0.816 ± 0.131	^{3,4,6} 0.862 ± 0.112	^{4,6} 0.838 ± 0.104	[−] 0.797 ± 0.096	^{3,4,6} 0.871 ± 0.104	⁴ 0.857 ± 0.093
<i>yeast5</i>	[−] 0.798 ± 0.035	^{1,4} 0.841 ± 0.029	⁴ 0.975 ± 0.021	[−] 0.971 ± 0.024	^{1,4} 0.976 ± 0.020	^{1,4} 0.973 ± 0.024
<i>shuttle-c2-vs-c4</i>	[−] 0.937 ± 0.154	¹ 0.938 ± 0.154	^{1,2} 0.895 ± 0.200	^{1,2} 0.888 ± 0.201	^{1,2} 0.900 ± 0.193	^{1,2} 0.898 ± 0.193
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.661 ± 0.120	[−] 0.713 ± 0.126	[−] 0.689 ± 0.118	[−] 0.702 ± 0.090	[−] 0.769 ± 0.129	[−] 0.765 ± 0.120
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.545 ± 0.037	¹ 0.606 ± 0.084	¹ 0.695 ± 0.073	¹ 0.648 ± 0.069	^{1,2,3,4} 0.698 ± 0.075	^{1,2,3,4} 0.651 ± 0.079
<i>yeast-1-vs-7</i>	[−] 0.581 ± 0.047	¹ 0.648 ± 0.094	^{1,2,4,6} 0.680 ± 0.100	^{1,2} 0.669 ± 0.080	<i>all</i> 0.674 ± 0.096	^{1,2} 0.676 ± 0.094
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.538 ± 0.024	¹ 0.573 ± 0.054	^{1,5} 0.687 ± 0.090	¹ 0.619 ± 0.090	¹ 0.687 ± 0.089	^{1,2} 0.626 ± 0.093
<i>ecoli-0-1-4-6-vs-5</i>	[−] 0.881 ± 0.088	¹ 0.892 ± 0.090	^{1,2,4,6} 0.899 ± 0.080	^{1,2} 0.855 ± 0.081	^{1,2,4,6} 0.905 ± 0.078	^{1,2,4} 0.876 ± 0.087
<i>glass-0-1-5-vs-2</i>	⁴ 0.527 ± 0.112	^{1,4} 0.578 ± 0.135	^{1,2,4} 0.685 ± 0.115	[−] 0.643 ± 0.156	^{1,2,4} 0.700 ± 0.117	[−] 0.623 ± 0.143
<i>yeast-2-vs-4</i>	[−] 0.556 ± 0.098	¹ 0.750 ± 0.171	^{1,2,4,6} 0.868 ± 0.066	^{1,2,6} 0.850 ± 0.066	^{1,2,4,6} 0.870 ± 0.060	^{1,2} 0.849 ± 0.082
<i>glass-0-6-vs-5</i>	[−] 0.936 ± 0.136	¹ 0.936 ± 0.136	^{1,2,6} 0.875 ± 0.175	^{1,2} 0.875 ± 0.175	^{1,2,4} 0.875 ± 0.175	^{1,2} 0.875 ± 0.175
<i>glass2</i>	[−] 0.624 ± 0.094	[−] 0.614 ± 0.124	[−] 0.718 ± 0.115	[−] 0.658 ± 0.150	[−] 0.738 ± 0.116	[−] 0.646 ± 0.133
<i>yeast-2-vs-8</i>	[−] 0.640 ± 0.096	[−] 0.765 ± 0.086	^{1,2,4,6} 0.782 ± 0.111	^{1,2,6} 0.777 ± 0.107	^{1,2,4,6} 0.799 ± 0.105	² 0.793 ± 0.103
<i>vowel0</i>	[−] 0.902 ± 0.026	¹ 0.916 ± 0.025	^{1,2} 0.887 ± 0.058	¹ 0.844 ± 0.064	^{1,2} 0.930 ± 0.048	^{1,2} 0.896 ± 0.050
<i>glass-0-4-vs-5</i>	⁴ 0.940 ± 0.112	^{1,3,4,6} 0.940 ± 0.112	⁴ 0.935 ± 0.120	[−] 0.935 ± 0.120	<i>all</i> 0.940 ± 0.117	⁴ 0.940 ± 0.117
<i>glass-0-1-4-6-vs-2</i>	[−] 0.592 ± 0.131	[−] 0.594 ± 0.146	[−] 0.695 ± 0.118	[−] 0.639 ± 0.130	[−] 0.721 ± 0.106	[−] 0.624 ± 0.138
<i>yeast4</i>	[−] 0.530 ± 0.030	[−] 0.561 ± 0.047	^{1,2,4,6} 0.811 ± 0.065	^{1,2,6} 0.771 ± 0.064	^{1,2,4,6} 0.812 ± 0.064	^{1,2} 0.707 ± 0.090
<i>ecoli-0-4-6-vs-5</i>	[−] 0.873 ± 0.107	¹ 0.892 ± 0.101	^{1,2,4,6} 0.901 ± 0.083	^{1,2,6} 0.880 ± 0.099	^{1,2,4,6} 0.899 ± 0.083	^{1,2} 0.887 ± 0.093
<i>page-blocks-1-3-vs-4</i>	[−] 0.776 ± 0.104	¹ 0.817 ± 0.127	^{1,2} 0.754 ± 0.092	[−] 0.752 ± 0.093	¹ 0.779 ± 0.108	¹ 0.755 ± 0.092
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[−] 0.541 ± 0.052	^{1,3,4,6} 0.641 ± 0.131	⁴ 0.886 ± 0.032	[−] 0.876 ± 0.042	^{4,6} 0.886 ± 0.033	^{3,4} 0.888 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	[−] 0.605 ± 0.156	¹ 0.752 ± 0.163	^{1,2,4} 0.719 ± 0.136	^{1,2} 0.776 ± 0.114	^{1,2,4} 0.778 ± 0.159	^{<i>all</i>} 0.812 ± 0.129
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.620 ± 0.167	¹ 0.618 ± 0.168	¹ 0.586 ± 0.121	^{1,3} 0.577 ± 0.114	^{1,2,3} 0.677 ± 0.122	^{<i>all</i>} 0.624 ± 0.137
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.833 ± 0.127	[−] 0.885 ± 0.084	⁴ 0.872 ± 0.080	[−] 0.829 ± 0.118	^{<i>all</i>} 0.884 ± 0.077	^{1,3,4} 0.849 ± 0.102
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.617 ± 0.158	^{1,4} 0.626 ± 0.154	¹ 0.599 ± 0.118	[−] 0.584 ± 0.113	¹ 0.693 ± 0.108	[−] 0.644 ± 0.142
<i>shuttle-c0-vs-c4</i>	[−] 0.989 ± 0.012	⁴ 0.989 ± 0.012	⁴ 0.992 ± 0.012	[−] 0.992 ± 0.012	[−] 0.992 ± 0.012	^{1,4} 0.992 ± 0.012
<i>ecoli-0-3-4-vs-5</i>	[−] 0.803 ± 0.128	[−] 0.890 ± 0.109	^{1,2} 0.908 ± 0.105	^{1,2} 0.896 ± 0.109	^{1,2} 0.908 ± 0.105	^{1,2} 0.893 ± 0.105
	[−]	¹	^{1,2,6}	^{1,2,6}	^{1,2,6}	¹

Table 9: Results for AUC metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.207	3.354	4.085	2.549	5.159	3.646
	−	1	1,4	−	<i>all</i>	1,4

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>	0.733 ± 0.206	0.735 ± 0.209	0.684 ± 0.291	0.360 ± 0.362	0.752 ± 0.264	0.585 ± 0.339
<i>ecoli-0-2-3-4-vs-5</i>	0.755 ± 0.135	0.868 ± 0.096	0.896 ± 0.087	0.876 ± 0.108	0.894 ± 0.087	0.874 ± 0.107
<i>glass-0-1-6-vs-2</i>	0.528 ± 0.079	0.545 ± 0.147	0.682 ± 0.155	0.563 ± 0.250	0.699 ± 0.121	0.548 ± 0.247
<i>ecoli-0-1-vs-5</i>	0.764 ± 0.285	0.880 ± 0.102	0.882 ± 0.092	0.870 ± 0.100	0.885 ± 0.094	0.882 ± 0.097
<i>yeast-1-4-5-8-vs-7</i>	0.304 ± 0.062	0.438 ± 0.065	0.601 ± 0.142	0.519 ± 0.116	0.601 ± 0.142	0.520 ± 0.124
<i>ecoli4</i>	0.888 ± 0.068	0.920 ± 0.080	0.927 ± 0.091	0.903 ± 0.112	0.929 ± 0.089	0.927 ± 0.094
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.856 ± 0.068	0.872 ± 0.073	0.547 ± 0.177	0.827 ± 0.200	0.546 ± 0.177	0.804 ± 0.211
<i>glass5</i>	0.870 ± 0.275	0.870 ± 0.275	0.859 ± 0.278	0.859 ± 0.278	0.859 ± 0.278	0.859 ± 0.278
<i>ecoli-0-3-4-6-vs-5</i>	0.783 ± 0.131	0.879 ± 0.115	0.891 ± 0.100	0.847 ± 0.124	0.893 ± 0.099	0.872 ± 0.116
<i>yeast-0-5-6-7-9-vs-4</i>	0.136 ± 0.064	0.416 ± 0.281	0.789 ± 0.051	0.660 ± 0.144	0.802 ± 0.048	0.656 ± 0.205
<i>yeast6</i>	0.558 ± 0.074	0.673 ± 0.106	0.881 ± 0.061	0.843 ± 0.080	0.881 ± 0.061	0.848 ± 0.084
<i>ecoli-0-6-7-vs-5</i>	0.828 ± 0.115	0.864 ± 0.119	0.857 ± 0.105	0.811 ± 0.111	0.863 ± 0.109	0.840 ± 0.112
<i>glass-0-1-6-vs-5</i>	0.882 ± 0.248	0.882 ± 0.248	0.843 ± 0.251	0.842 ± 0.251	0.843 ± 0.251	0.842 ± 0.251
<i>ecoli-0-1-3-7-vs-2-6</i>	0.737 ± 0.385	0.737 ± 0.385	0.740 ± 0.386	0.739 ± 0.386	0.738 ± 0.386	0.740 ± 0.387
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.737 ± 0.082	0.743 ± 0.062	0.624 ± 0.090	0.465 ± 0.102	0.743 ± 0.071	0.577 ± 0.125
<i>ecoli-0-1-4-7-vs-5-6</i>	0.774 ± 0.201	0.843 ± 0.143	0.807 ± 0.165	0.761 ± 0.130	0.847 ± 0.166	0.840 ± 0.111
<i>yeast5</i>	0.772 ± 0.046	0.826 ± 0.034	0.975 ± 0.022	0.971 ± 0.025	0.976 ± 0.020	0.973 ± 0.025
<i>shuttle-c2-vs-c4</i>	0.885 ± 0.300	0.886 ± 0.300	0.794 ± 0.399	0.787 ± 0.397	0.808 ± 0.382	0.807 ± 0.382
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.522 ± 0.235	0.620 ± 0.215	0.573 ± 0.228	0.619 ± 0.157	0.711 ± 0.187	0.711 ± 0.168
<i>yeast-0-3-5-9-vs-7-8</i>	0.317 ± 0.108	0.484 ± 0.157	0.651 ± 0.136	0.568 ± 0.148	0.660 ± 0.134	0.577 ± 0.148
<i>yeast-1-vs-7</i>	0.461 ± 0.074	0.600 ± 0.137	0.665 ± 0.113	0.613 ± 0.133	0.660 ± 0.109	0.638 ± 0.136
<i>yeast-1-2-8-9-vs-7</i>	0.302 ± 0.060	0.437 ± 0.065	0.657 ± 0.119	0.560 ± 0.117	0.657 ± 0.119	0.568 ± 0.124
<i>ecoli-0-1-4-6-vs-5</i>	0.876 ± 0.093	0.885 ± 0.099	0.890 ± 0.091	0.838 ± 0.096	0.897 ± 0.088	0.863 ± 0.101
<i>glass-0-1-5-vs-2</i>	0.461 ± 0.103	0.545 ± 0.144	0.665 ± 0.148	0.585 ± 0.241	0.680 ± 0.147	0.574 ± 0.205
<i>yeast-2-vs-4</i>	0.326 ± 0.183	0.683 ± 0.255	0.859 ± 0.076	0.839 ± 0.077	0.864 ± 0.068	0.837 ± 0.097
<i>glass-0-6-vs-5</i>	0.901 ± 0.246	0.901 ± 0.246	0.804 ± 0.322	0.804 ± 0.322	0.804 ± 0.322	0.804 ± 0.322
<i>glass2</i>	0.583 ± 0.079	0.586 ± 0.131	0.700 ± 0.151	0.642 ± 0.167	0.723 ± 0.150	0.626 ± 0.147
<i>yeast-2-vs-8</i>	0.539 ± 0.143	0.738 ± 0.112	0.738 ± 0.153	0.731 ± 0.149	0.764 ± 0.141	0.757 ± 0.138
<i>vowel0</i>	0.901 ± 0.026	0.915 ± 0.024	0.879 ± 0.067	0.828 ± 0.077	0.928 ± 0.051	0.892 ± 0.056
<i>glass-0-4-vs-5</i>	0.922 ± 0.171	0.922 ± 0.171	0.916 ± 0.178	0.916 ± 0.178	0.921 ± 0.176	0.921 ± 0.176
<i>glass-0-1-4-6-vs-2</i>	0.534 ± 0.131	0.547 ± 0.164	0.676 ± 0.152	0.618 ± 0.138	0.712 ± 0.112	0.588 ± 0.170
<i>yeast4</i>	0.287 ± 0.058	0.395 ± 0.083	0.801 ± 0.079	0.759 ± 0.071	0.803 ± 0.076	0.654 ± 0.129
<i>ecoli-0-4-6-vs-5</i>	0.870 ± 0.111	0.887 ± 0.108	0.894 ± 0.090	0.869 ± 0.116	0.893 ± 0.090	0.878 ± 0.104
<i>page-blocks-1-3-vs-4</i>	0.745 ± 0.139	0.789 ± 0.164	0.711 ± 0.129	0.708 ± 0.129	0.742 ± 0.145	0.713 ± 0.128
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.275 ± 0.120	0.495 ± 0.216	0.884 ± 0.034	0.872 ± 0.046	0.885 ± 0.034	0.886 ± 0.042
<i>ecoli-0-1-vs-2-3-5</i>	0.296 ± 0.354	0.637 ± 0.320	0.583 ± 0.313	0.718 ± 0.197	0.672 ± 0.324	0.763 ± 0.213
<i>ecoli-0-6-7-vs-3-5</i>	0.348 ± 0.368	0.339 ± 0.371	0.275 ± 0.325	0.272 ± 0.310	0.547 ± 0.253	0.403 ± 0.320
<i>ecoli-0-3-4-7-vs-5-6</i>	0.804 ± 0.189	0.877 ± 0.094	0.861 ± 0.091	0.795 ± 0.180	0.875 ± 0.086	0.829 ± 0.134
<i>ecoli-0-2-6-7-vs-3-5</i>	0.364 ± 0.348	0.401 ± 0.331	0.324 ± 0.317	0.302 ± 0.306	0.595 ± 0.194	0.458 ± 0.310
<i>shuttle-c0-vs-c4</i>	0.989 ± 0.013	0.989 ± 0.013	0.992 ± 0.013	0.992 ± 0.013	0.992 ± 0.013	0.992 ± 0.013
<i>ecoli-0-3-4-vs-5</i>	0.779 ± 0.173	0.880 ± 0.127	0.898 ± 0.126	0.884 ± 0.131	0.897 ± 0.126	0.881 ± 0.126

Table 11: Results for GMEAN metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
<i>Mean rank</i>	2.232	3.476	4.134	2.549	5.085	3.524
	—	1,4	1,4,6	—	<i>all</i>	1,4

Table 12: Results for mean ranks according to GMEAN metric