

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.846 ± 0.136	0.853 ± 0.140	0.853 ± 0.140	0.822 ± 0.165	0.820 ± 0.156	0.827 ± 0.149	0.826 ± 0.152
<i>ecoli-0-2-3-4-vs-5</i>	⁵ 0.850 ± 0.087	^{4,5,6} 0.852 ± 0.095	^{4,5,6} 0.852 ± 0.095	0.883 ± 0.089	0.895 ± 0.091	0.888 ± 0.084	0.895 ± 0.091
<i>glass-0-1-6-vs-2</i>	0.582 ± 0.128	0.561 ± 0.109	0.561 ± 0.109	^{1,2,3} 0.665 ± 0.124	^{1,2,3} 0.667 ± 0.129	^{1,2,3} 0.639 ± 0.121	^{1,2,3} 0.668 ± 0.119
<i>ecoli-0-1-vs-5</i>	0.814 ± 0.099	0.863 ± 0.095	0.863 ± 0.095	^{1,2,3,6} 0.875 ± 0.087	^{1,2,3} 0.890 ± 0.089	^{1,2,3} 0.891 ± 0.085	^{1,2,3,5} 0.894 ± 0.088
<i>yeast-1-4-5-8-vs-7</i>	0.546 ± 0.078	¹ 0.503 ± 0.023	¹ 0.503 ± 0.023	^{1,2,3} 0.561 ± 0.077	^{1,2,3} 0.553 ± 0.079	^{1,2,3} 0.585 ± 0.083	^{1,2,3} 0.565 ± 0.090
<i>ecoli4</i>	^{2,3} 0.868 ± 0.091	0.875 ± 0.098	0.875 ± 0.098	^{2,3} 0.905 ± 0.095	^{2,3} 0.912 ± 0.101	^{1,2,3,4,5} 0.905 ± 0.096	^{2,3} 0.913 ± 0.097
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.881 ± 0.072	0.883 ± 0.074	0.884 ± 0.075	^{1,2,3,6} 0.641 ± 0.085	^{1,2,3} 0.643 ± 0.080	^{1,2,3} 0.870 ± 0.109	^{1,2,3} 0.862 ± 0.109
<i>glass5</i>	^{4,5,6} 0.831 ± 0.189	^{1,4,5,6} 0.805 ± 0.183	^{1,4,5} 0.805 ± 0.183	0.875 ± 0.172	0.886 ± 0.165	^{4,5} 0.865 ± 0.171	^{4,5} 0.876 ± 0.172
<i>ecoli-0-3-4-6-vs-5</i>	0.821 ± 0.111	0.827 ± 0.115	0.827 ± 0.115	^{2,3,6} 0.891 ± 0.109	^{2,3,6,7} 0.894 ± 0.105	0.894 ± 0.100	0.891 ± 0.107
<i>yeast-0-5-6-7-9-vs-4</i>	0.670 ± 0.077	0.658 ± 0.087	0.658 ± 0.087	^{1,2,3} 0.779 ± 0.062	^{1,2,3} 0.768 ± 0.065	^{1,2,3} 0.778 ± 0.070	^{1,2,3} 0.773 ± 0.070
<i>yeast6</i>	0.729 ± 0.089	0.715 ± 0.090	0.715 ± 0.090	^{1,2,3} 0.799 ± 0.090	^{1,2,3} 0.788 ± 0.096	^{1,2,3} 0.807 ± 0.081	^{1,2,3} 0.792 ± 0.098
<i>ecoli-0-6-7-vs-5</i>	0.842 ± 0.121	0.873 ± 0.110	0.873 ± 0.110	^{1,2,3} 0.871 ± 0.102	^{1,2,3} 0.873 ± 0.107	^{1,2,3} 0.877 ± 0.101	^{1,2,3,5} 0.870 ± 0.106
<i>glass-0-1-6-vs-5</i>	0.822 ± 0.182	¹ 0.817 ± 0.157	¹ 0.817 ± 0.157	¹ 0.842 ± 0.157	^{1,7} 0.845 ± 0.167	¹ 0.847 ± 0.157	0.850 ± 0.167
<i>ecoli-0-1-3-7-vs-2-6</i>	0.820 ± 0.209	0.722 ± 0.219	0.722 ± 0.219	0.844 ± 0.200	0.842 ± 0.201	0.841 ± 0.199	0.837 ± 0.198
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.725 ± 0.050	0.721 ± 0.047	0.721 ± 0.047	^{1,2,3,6,7} 0.756 ± 0.055	^{1,7} 0.754 ± 0.059	⁷ 0.761 ± 0.053	0.758 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	0.809 ± 0.095	0.821 ± 0.090	0.821 ± 0.090	^{1,2,3} 0.868 ± 0.106	^{1,2,3} 0.895 ± 0.082	^{1,2,3} 0.872 ± 0.098	^{1,2,3} 0.896 ± 0.084
<i>yeast5</i>	0.819 ± 0.085	0.816 ± 0.082	0.816 ± 0.082	^{1,2,3} 0.896 ± 0.063	^{1,2,3,6} 0.910 ± 0.056	^{1,2,3,4} 0.907 ± 0.063	^{1,2,3,5} 0.910 ± 0.058
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	^{1,2,3} 0.995 ± 0.034	^{1,2,3,4} 0.995 ± 0.034	^{1,2,3} 0.995 ± 0.034	^{1,2,3,5} 0.995 ± 0.034
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.796 ± 0.092	0.795 ± 0.102	0.798 ± 0.104	0.843 ± 0.094	0.852 ± 0.080	0.837 ± 0.093	0.845 ± 0.081
<i>yeast-0-3-5-9-vs-7-8</i>	0.656 ± 0.070	0.592 ± 0.060	0.593 ± 0.059	^{1,2,3,6} 0.646 ± 0.061	^{1,2,3,6,7} 0.647 ± 0.074	^{1,2,3} 0.655 ± 0.068	^{1,2,3} 0.675 ± 0.079
<i>yeast-1-vs-7</i>	^{2,3} 0.669 ± 0.095	0.556 ± 0.053	0.556 ± 0.053	^{2,3} 0.661 ± 0.094	^{2,3} 0.635 ± 0.093	^{2,3} 0.692 ± 0.095	^{2,3,4,5} 0.659 ± 0.094
<i>yeast-1-2-8-9-vs-7</i>	^{2,3,5} 0.622 ± 0.082	0.572 ± 0.069	0.572 ± 0.069	^{2,3,5} 0.632 ± 0.086	^{2,3} 0.616 ± 0.086	^{2,3,4,5,7} 0.648 ± 0.098	^{2,3,5} 0.653 ± 0.098
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3} 0.792 ± 0.090	0.819 ± 0.092	0.819 ± 0.092	^{2,3} 0.882 ± 0.075	^{2,3} 0.885 ± 0.085	^{1,2,3,5} 0.883 ± 0.073	^{1,2,3,5} 0.885 ± 0.085
<i>glass-0-1-5-vs-2</i>	0.592 ± 0.127	¹ 0.562 ± 0.102	¹ 0.562 ± 0.102	^{1,2,3} 0.665 ± 0.115	^{1,2,3} 0.684 ± 0.129	^{1,2,3} 0.664 ± 0.122	^{1,2,3} 0.690 ± 0.133
<i>yeast-2-vs-4</i>	0.844 ± 0.064	0.816 ± 0.073	0.816 ± 0.073	^{1,2,3} 0.845 ± 0.062	^{1,2,3} 0.847 ± 0.067	^{1,2,3} 0.853 ± 0.066	^{1,2,3} 0.857 ± 0.072
<i>glass-0-6-vs-5</i>	^{2,3} 0.899 ± 0.171	0.855 ± 0.165	0.855 ± 0.165	^{2,3} 0.823 ± 0.193	^{2,3} 0.841 ± 0.181	^{2,3} 0.809 ± 0.197	^{2,3} 0.845 ± 0.181
<i>glass2</i>	^{4,6} 0.561 ± 0.118	0.573 ± 0.092	0.573 ± 0.092	0.668 ± 0.128	0.700 ± 0.144	0.680 ± 0.131	⁶ 0.720 ± 0.145
<i>yeast-2-vs-8</i>	0.704 ± 0.113	0.701 ± 0.138	0.701 ± 0.138	^{1,2,3} 0.776 ± 0.110	^{1,2,3} 0.774 ± 0.115	^{1,2,3} 0.782 ± 0.106	^{1,2,3,4} 0.773 ± 0.114
<i>vowel0</i>	0.963 ± 0.028	0.946 ± 0.033	0.946 ± 0.033	^{1,2,3,7} 0.900 ± 0.054	^{1,2,3,7} 0.888 ± 0.051	^{1,2,3} 0.918 ± 0.049	^{1,2,3} 0.901 ± 0.049
<i>glass-0-4-vs-5</i>	^{all} 0.992 ± 0.016	^{4,5,6,7} 0.989 ± 0.021	^{4,5,6,7} 0.989 ± 0.021	0.990 ± 0.069	0.990 ± 0.069	^{4,5,7} 0.989 ± 0.074	0.989 ± 0.074
<i>glass-0-1-4-6-vs-2</i>	^{4,5,6,7} 0.573 ± 0.117	0.570 ± 0.119	0.572 ± 0.121	^{2,3} 0.662 ± 0.131	^{2,3} 0.671 ± 0.139	^{2,3} 0.665 ± 0.139	^{2,3} 0.674 ± 0.160
<i>yeast4</i>	0.668 ± 0.071	0.599 ± 0.068	0.596 ± 0.065	^{1,2,3} 0.727 ± 0.066	^{1,2,3} 0.715 ± 0.062	^{1,2,3} 0.746 ± 0.067	^{1,2,3} 0.742 ± 0.074
<i>ecoli-0-4-6-vs-5</i>	^{2,3} 0.814 ± 0.102	0.842 ± 0.099	0.842 ± 0.099	^{1,2,3} 0.882 ± 0.092	^{1,2,3} 0.889 ± 0.093	^{1,2,3,4,5} 0.888 ± 0.086	^{1,2,3,5} 0.889 ± 0.093
<i>page-blocks-1-3-vs-4</i>	0.956 ± 0.064	¹ 0.976 ± 0.054	¹ 0.976 ± 0.054	^{1,2,3} 0.866 ± 0.102	^{1,2,3} 0.923 ± 0.086	^{1,2,3} 0.876 ± 0.099	^{1,2,3} 0.930 ± 0.079
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{4,6} 0.844 ± 0.051	^{1,4,5,6,7} 0.863 ± 0.046	^{1,4,5,6,7} 0.864 ± 0.046	0.897 ± 0.041	^{4,6} 0.896 ± 0.039	0.895 ± 0.042	^{4,6} 0.897 ± 0.039
<i>ecoli-0-1-vs-2-3-5</i>	0.786 ± 0.114	¹ 0.813 ± 0.094	¹ 0.813 ± 0.094	^{1,2,3} 0.834 ± 0.105	^{1,2,3} 0.848 ± 0.100	^{1,2,3} 0.830 ± 0.108	^{1,2,3} 0.834 ± 0.100
<i>ecoli-0-6-7-vs-3-5</i>	0.821 ± 0.123	0.808 ± 0.124	0.812 ± 0.120	^{1,2,3,6} 0.830 ± 0.112	^{1,2,3,6,7} 0.830 ± 0.105	¹ 0.839 ± 0.110	¹ 0.834 ± 0.108
<i>ecoli-0-3-4-7-vs-5-6</i>	0.843 ± 0.085	0.848 ± 0.097	0.848 ± 0.097	0.876 ± 0.078	0.877 ± 0.082	0.888 ± 0.079	0.879 ± 0.074
<i>ecoli-0-2-6-7-vs-3-5</i>	0.813 ± 0.129	0.799 ± 0.110	0.799 ± 0.110	^{1,2,3} 0.841 ± 0.113	^{1,2,3} 0.836 ± 0.104	^{1,2,3} 0.843 ± 0.103	¹ 0.838 ± 0.097
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	^{1,2,3,7} 0.998 ± 0.006	^{1,2,3} 0.998 ± 0.006	^{1,2,3,7} 0.998 ± 0.006	⁵ 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	0.828 ± 0.116	0.856 ± 0.113	0.856 ± 0.113	0.885 ± 0.120	0.894 ± 0.126	0.889 ± 0.116	0.894 ± 0.126
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Table 1: Results for BAC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.098	2.585	2.732	4.280	4.829	5.085	5.390
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Table 2: Results for mean ranks according to BAC metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.680 ± 0.227	0.695 ± 0.236	0.695 ± 0.236	0.588 ± 0.255	0.601 ± 0.257	0.589 ± 0.226	0.602 ± 0.246
<i>ecoli-0-2-3-4-vs-5</i>	^{4,5,6,7} 0.730 ± 0.140	^{4,5,6,7} 0.763 ± 0.153	^{4,5,6,7} 0.763 ± 0.153	^{1,2,3} 0.812 ± 0.135	^{1,2,3} 0.825 ± 0.139	^{1,2,3} 0.818 ± 0.123	^{1,2,3} 0.820 ± 0.138
<i>glass-0-1-6-vs-2</i>	^{1,2,3,6} 0.225 ± 0.219	^{1,2,3,6,7} 0.191 ± 0.253	^{1,2,3,6} 0.191 ± 0.253	^{1,2,3} 0.313 ± 0.151	^{1,2,3} 0.310 ± 0.166	^{1,2,3} 0.258 ± 0.120	^{1,2,3} 0.301 ± 0.141
<i>ecoli-0-1-vs-5</i>	^{1,2,3,6} 0.666 ± 0.143	^{1,2,3,6,7} 0.774 ± 0.132	^{1,2,3,6} 0.774 ± 0.132	^{1,2,3} 0.822 ± 0.121	^{1,2,3,6,7} 0.840 ± 0.124	^{2,3} 0.831 ± 0.107	^{1,2,3} 0.843 ± 0.118
<i>yeast-1-4-5-8-vs-7</i>	^{1,2,3} 0.119 ± 0.133	¹ 0.021 ± 0.072	¹ 0.021 ± 0.072	^{1,2,3} 0.139 ± 0.104	^{1,2,3} 0.131 ± 0.117	^{1,2,3} 0.137 ± 0.067	^{1,2,3} 0.128 ± 0.086
<i>ecoli4</i>	^{2,3} 0.732 ± 0.138	^{1,2,3,6,7} 0.764 ± 0.152	^{2,3} 0.764 ± 0.152	^{2,3} 0.852 ± 0.131	^{2,3} 0.849 ± 0.147	^{2,3} 0.822 ± 0.139	^{2,3} 0.835 ± 0.135
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,3,6} 0.778 ± 0.109	^{1,2,3,6,7} 0.708 ± 0.104	^{1,2,3,6} 0.711 ± 0.111	^{1,2,3} 0.390 ± 0.194	^{1,2,3} 0.393 ± 0.183	^{1,2,3} 0.725 ± 0.168	^{1,2,3} 0.707 ± 0.154
<i>glass5</i>	^{all} 0.657 ± 0.346	^{4,5} 0.623 ± 0.326	^{4,5} 0.623 ± 0.326	^{1,2,3,6} 0.710 ± 0.303	^{1,2,3} 0.737 ± 0.291	^{2,3,4,5} 0.643 ± 0.292	^{4,5} 0.668 ± 0.302
<i>ecoli-0-3-4-6-vs-5</i>	^{1,2,3,6} 0.665 ± 0.186	^{1,2,3,6,7} 0.710 ± 0.186	^{1,2,3,6} 0.710 ± 0.186	⁶ 0.803 ± 0.166	^{2,3,6,7} 0.809 ± 0.167	^{1,2,3} 0.801 ± 0.148	^{1,2,3} 0.802 ± 0.169
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,2,3} 0.391 ± 0.122	^{1,2,3,6,7} 0.404 ± 0.172	^{1,2,3} 0.404 ± 0.172	^{1,2,3} 0.563 ± 0.094	^{1,2,3} 0.545 ± 0.110	^{1,2,3} 0.495 ± 0.097	^{1,2,3} 0.491 ± 0.105
<i>yeast6</i>	^{1,2,3,6,7} 0.422 ± 0.135	^{1,2,3,6,7} 0.489 ± 0.158	^{1,2,3,6,7} 0.489 ± 0.158	^{1,2,3,6,7} 0.517 ± 0.131	^{1,2,3,6,7} 0.520 ± 0.133	^{1,2,3} 0.448 ± 0.112	^{1,2,3} 0.467 ± 0.130
<i>ecoli-0-6-7-vs-5</i>	^{1,6} 0.726 ± 0.208	^{1,6} 0.786 ± 0.177	^{1,6} 0.786 ± 0.177	^{1,6,7} 0.792 ± 0.162	^{1,6,7} 0.794 ± 0.166	^{1,6,7} 0.780 ± 0.160	¹ 0.770 ± 0.165
<i>glass-0-1-6-vs-5</i>	^{1,7} 0.631 ± 0.314	^{1,7} 0.637 ± 0.270	^{1,7} 0.637 ± 0.270	^{1,7} 0.673 ± 0.268	^{1,7} 0.702 ± 0.301	^{1,7} 0.640 ± 0.263	^{1,7} 0.669 ± 0.300
<i>ecoli-0-1-3-7-vs-2-6</i>	⁶ 0.513 ± 0.327	⁶ 0.443 ± 0.417	⁶ 0.443 ± 0.417	⁶ 0.620 ± 0.356	⁶ 0.609 ± 0.355	⁶ 0.572 ± 0.339	⁶ 0.532 ± 0.334
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,3,6,7} 0.491 ± 0.084	^{1,2,3,6,7} 0.545 ± 0.091	^{1,2,3,6,7} 0.545 ± 0.092	^{1,7} 0.614 ± 0.097	^{1,7} 0.610 ± 0.101	⁷ 0.604 ± 0.098	^{1,2,3} 0.587 ± 0.111
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2,3,7} 0.612 ± 0.134	^{1,2,3,7} 0.710 ± 0.138	^{1,2,3,7} 0.710 ± 0.138	^{1,2,3,7} 0.792 ± 0.148	^{1,2,3,7} 0.829 ± 0.118	^{1,2,3} 0.771 ± 0.138	^{1,2,3} 0.802 ± 0.118
<i>yeast5</i>	^{1,2,3,6,7} 0.658 ± 0.137	^{1,2,3,6,7} 0.677 ± 0.115	^{1,2,3,6,7} 0.677 ± 0.115	^{1,2,3,6,7} 0.717 ± 0.101	^{1,2,3,6,7} 0.743 ± 0.089	^{1,2,3} 0.704 ± 0.101	^{1,2,3} 0.727 ± 0.098
<i>shuttle-c2-vs-c4</i>	^{1,2,3,6,7} 1.000 ± 0.000	^{1,2,3,6,7} 1.000 ± 0.000	^{1,2,3,6,7} 1.000 ± 0.000	^{1,2,3} 0.993 ± 0.046	^{1,2,3,6,7} 0.993 ± 0.046	¹ 0.993 ± 0.046	^{1,2,3} 0.993 ± 0.046
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,2,3,6,7} 0.611 ± 0.148	^{1,2,3,6,7} 0.652 ± 0.172	^{1,2,3,6,7} 0.657 ± 0.176	^{1,2,3,6,7} 0.765 ± 0.144	^{1,2,3,6,7} 0.782 ± 0.124	^{1,2,3} 0.707 ± 0.157	^{1,2,3} 0.717 ± 0.139
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,3,6,7} 0.366 ± 0.116	^{1,2,3,6,7} 0.280 ± 0.140	^{1,2,3,6,7} 0.283 ± 0.139	^{1,2,3,6,7} 0.392 ± 0.122	^{1,2,3,6,7} 0.373 ± 0.144	^{1,2,3} 0.376 ± 0.120	^{1,2,3} 0.364 ± 0.111
<i>yeast-1-vs-7</i>	^{2,3} 0.353 ± 0.151	^{2,3} 0.177 ± 0.135	^{2,3} 0.177 ± 0.135	^{2,3} 0.319 ± 0.147	^{2,3} 0.277 ± 0.142	^{2,3} 0.300 ± 0.105	^{2,3} 0.263 ± 0.103
<i>yeast-1-2-8-9-vs-7</i>	^{2,3,5,6,7} 0.233 ± 0.137	^{2,3,5,6,7} 0.211 ± 0.184	^{2,3,5,6,7} 0.211 ± 0.184	^{2,3,5,7} 0.255 ± 0.144	^{2,3} 0.224 ± 0.135	^{2,3,7} 0.186 ± 0.090	^{2,3} 0.194 ± 0.091
<i>ecoli-0-1-4-6-vs-5</i>	^{6,7} 0.606 ± 0.149	^{6,7} 0.691 ± 0.147	^{6,7} 0.691 ± 0.147	^{6,7} 0.807 ± 0.114	^{6,7} 0.815 ± 0.125	^{6,7} 0.794 ± 0.116	^{6,7} 0.812 ± 0.124
<i>glass-0-1-5-vs-2</i>	^{1,2,3} 0.249 ± 0.210	^{1,2,3} 0.189 ± 0.225	^{1,2,3} 0.190 ± 0.227	^{1,2,3} 0.330 ± 0.150	^{1,2,3} 0.339 ± 0.157	^{1,2,3} 0.301 ± 0.123	^{1,2,3} 0.336 ± 0.150
<i>yeast-2-vs-4</i>	^{1,2,3,6} 0.707 ± 0.087	^{1,2,3,6} 0.696 ± 0.114	^{1,2,3,6} 0.696 ± 0.114	^{1,2,3,6} 0.763 ± 0.090	^{1,2,3} 0.765 ± 0.096	^{2,3} 0.757 ± 0.095	^{1,2,3} 0.756 ± 0.097
<i>glass-0-6-vs-5</i>	^{1,2,3} 0.793 ± 0.302	^{1,2,3} 0.741 ± 0.284	^{1,2,3} 0.741 ± 0.284	^{1,2,3} 0.673 ± 0.361	^{1,2,3} 0.719 ± 0.335	^{1,2,3} 0.637 ± 0.369	^{1,2,3} 0.719 ± 0.335
<i>glass2</i>	^{2,3,4,6} 0.167 ± 0.204	^{2,3,4,6} 0.203 ± 0.221	^{2,3,4,6} 0.203 ± 0.221	^{1,2,3,6} 0.339 ± 0.191	^{1,2,3} 0.354 ± 0.198	^{1,2,3} 0.308 ± 0.147	^{1,2,3} 0.352 ± 0.167
<i>yeast-2-vs-8</i>	^{1,2,3,6} 0.408 ± 0.199	^{1,2,3,6} 0.490 ± 0.287	^{1,2,3,6} 0.490 ± 0.287	^{1,2,3,6} 0.667 ± 0.194	^{1,2,3} 0.661 ± 0.209	^{1,2,3} 0.659 ± 0.187	^{1,2,3} 0.625 ± 0.203
<i>vowel0</i>	^{1,2,3,7} 0.921 ± 0.045	^{1,2,3,7} 0.902 ± 0.048	^{1,2,3,7} 0.902 ± 0.048	^{1,2,3,7} 0.860 ± 0.075	^{1,2,3,7} 0.847 ± 0.064	^{1,2,3} 0.878 ± 0.065	^{1,2,3} 0.858 ± 0.065
<i>glass-0-4-vs-5</i>	^{all} 0.942 ± 0.109	^{4,5,6,7} 0.927 ± 0.133	^{4,5,6,7} 0.927 ± 0.133	^{1,2,3,6,7} 0.980 ± 0.139	^{1,2,3,6,7} 0.980 ± 0.139	^{4,5,7} 0.980 ± 0.139	^{1,2,3} 0.980 ± 0.139
<i>glass-0-1-4-6-vs-2</i>	^{1,2,3} 0.220 ± 0.210	^{1,2,3} 0.198 ± 0.249	^{1,2,3} 0.204 ± 0.256	^{1,2,3} 0.318 ± 0.185	^{1,2,3} 0.314 ± 0.184	^{1,2,3} 0.281 ± 0.148	^{1,2,3} 0.303 ± 0.181
<i>yeast4</i>	^{1,2,3,6} 0.336 ± 0.122	^{1,2,3,6} 0.267 ± 0.161	^{1,2,3,6} 0.260 ± 0.156	^{1,2,3,6} 0.418 ± 0.103	^{1,2,3} 0.400 ± 0.106	^{1,2,3} 0.357 ± 0.085	^{1,2,3} 0.352 ± 0.094
<i>ecoli-0-4-6-vs-5</i>	^{2,3} 0.667 ± 0.159	^{2,3} 0.738 ± 0.158	^{2,3} 0.738 ± 0.158	^{1,2,3,6,7} 0.802 ± 0.139	^{1,2,3,6,7} 0.811 ± 0.148	^{2,3} 0.809 ± 0.127	^{2,3} 0.811 ± 0.148
<i>page-blocks-1-3-vs-4</i>	^{1,2,3} 0.903 ± 0.084	^{1,2,3} 0.945 ± 0.078	^{1,2,3} 0.945 ± 0.078	^{1,2,3} 0.801 ± 0.146	^{1,2,3} 0.898 ± 0.126	^{1,2,3} 0.795 ± 0.163	^{1,2,3} 0.902 ± 0.114
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{4,6} 0.711 ± 0.076	^{1,4,5,6,7} 0.777 ± 0.067	^{1,4,5,6,7} 0.777 ± 0.068	^{1,4,5,6,7} 0.820 ± 0.060	^{4,6} 0.819 ± 0.061	^{4,6} 0.810 ± 0.065	^{4,6} 0.808 ± 0.060
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,3,6,7} 0.599 ± 0.183	^{1,2,3,6,7} 0.697 ± 0.155	^{1,2,3,6,7} 0.697 ± 0.155	^{1,2,3,6,7} 0.764 ± 0.168	^{1,2,3,7} 0.786 ± 0.157	^{1,2,3} 0.715 ± 0.174	^{1,2,3} 0.728 ± 0.166
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,3,6} 0.676 ± 0.209	^{1,2,3,6} 0.686 ± 0.226	^{1,2,3,6} 0.695 ± 0.211	^{1,2,3,6} 0.721 ± 0.192	^{1,2,3,6,7} 0.718 ± 0.173	¹ 0.724 ± 0.195	¹ 0.704 ± 0.189
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2,3} 0.686 ± 0.108	^{1,2,3} 0.759 ± 0.154	^{1,2,3} 0.759 ± 0.154	^{1,2,3} 0.798 ± 0.113	^{1,2,3} 0.793 ± 0.131	^{1,2,3} 0.801 ± 0.120	^{1,2,3} 0.772 ± 0.115
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2,3,7} 0.664 ± 0.218	^{1,2,3,7} 0.674 ± 0.193	^{1,2,3,7} 0.674 ± 0.193	^{1,2,3} 0.754 ± 0.192	¹ 0.738 ± 0.174	^{1,2,3,7} 0.739 ± 0.171	¹ 0.708 ± 0.166
<i>shuttle-c0-vs-c4</i>	^{1,2,3,7} 1.000 ± 0.000	^{1,2,3,7} 1.000 ± 0.000	^{1,2,3,7} 1.000 ± 0.000	^{1,2,3,7} 0.998 ± 0.006	^{1,2,3,7} 0.998 ± 0.006	^{1,2,3,7} 0.998 ± 0.006	^{1,2,3,7} 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	^{1,2,3} 0.683 ± 0.176	^{1,2,3} 0.758 ± 0.183	^{1,2,3} 0.758 ± 0.183	^{1,2,3} 0.803 ± 0.183	^{1,2,3} 0.807 ± 0.208	^{1,2,3} 0.804 ± 0.177	^{1,2,3} 0.803 ± 0.207

Table 3: Results for F1 metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.683	2.841	2.988	5.329	5.561	4.256	4.341
	—	—	—	1,2,3,6,7	1,2,3,6,7	1,2,3	1,2,3

Table 4: Results for mean ranks according to F1 metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.730 ± 0.276 ^{4,5,6,7}	0.718 ± 0.270 ^{4,5,6,7}	0.718 ± 0.270 ^{4,5,6,7}	0.577 ± 0.288 [—]	0.577 ± 0.268 [—]	0.577 ± 0.276 [—]	0.570 ± 0.259 [—]
<i>ecoli-0-2-3-4-vs-5</i>	0.769 ± 0.174 [—]	0.859 ± 0.172 ¹	0.859 ± 0.172 ¹	0.873 ± 0.140 ¹	0.874 ± 0.151 ¹	0.874 ± 0.136 ¹	0.865 ± 0.150 ¹
<i>glass-0-1-6-vs-2</i>	0.237 ± 0.249 [—]	0.297 ± 0.410 [—]	0.297 ± 0.410 [—]	0.244 ± 0.120 ⁶	0.236 ± 0.137 ^{6,7}	0.178 ± 0.087 [—]	0.217 ± 0.110 ⁶
<i>ecoli-0-1-vs-5</i>	0.731 ± 0.181 [—]	0.863 ± 0.148 ¹	0.863 ± 0.148 ¹	0.938 ± 0.116 ^{1,2,3}	0.939 ± 0.113 ^{1,2,3}	0.921 ± 0.120 ^{1,2,3}	0.935 ± 0.115 ^{1,2,3}
<i>yeast-1-4-5-8-vs-7</i>	0.112 ± 0.127 ^{2,3}	0.060 ± 0.215 [—]	0.060 ± 0.215 [—]	0.112 ± 0.085 ^{2,3,6,7}	0.108 ± 0.097 ^{2,3,7}	0.088 ± 0.043 ^{2,3}	0.086 ± 0.058 ^{2,3}
<i>ecoli4</i>	0.743 ± 0.176 [—]	0.799 ± 0.181 [—]	0.799 ± 0.181 [—]	0.931 ± 0.106 ^{1,2,3,6,7}	0.909 ± 0.134 ^{1,2,3}	0.864 ± 0.147 ^{1,2,3}	0.880 ± 0.138 ^{1,2,3}
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.797 ± 0.142 ^{2,3,5,6,7}	0.642 ± 0.115 [—]	0.648 ± 0.124 [—]	0.692 ± 0.291 [—]	0.642 ± 0.276 [—]	0.721 ± 0.165 ^{2,3}	0.717 ± 0.120 ^{2,3}
<i>glass5</i>	0.707 ± 0.382 [—]	0.700 ± 0.378 [—]	0.700 ± 0.378 [—]	0.730 ± 0.336 ^{6,7}	0.753 ± 0.318 ^{6,7}	0.623 ± 0.328 [—]	0.633 ± 0.323 [—]
<i>ecoli-0-3-4-6-vs-5</i>	0.692 ± 0.204 [—]	0.821 ± 0.200 ¹	0.821 ± 0.200 ¹	0.842 ± 0.154 ¹	0.845 ± 0.163 ¹	0.820 ± 0.158 ¹	0.840 ± 0.167 ¹
<i>yeast-0-5-6-7-9-vs-4</i>	0.395 ± 0.139 [—]	0.527 ± 0.207 ^{1,6,7}	0.527 ± 0.207 ^{1,6,7}	0.534 ± 0.125 ^{1,6,7}	0.515 ± 0.131 ^{1,6,7}	0.407 ± 0.107 [—]	0.402 ± 0.112 [—]
<i>yeast6</i>	0.419 ± 0.182 [—]	0.633 ± 0.232 ^{1,4,5,6,7}	0.633 ± 0.232 ^{1,4,5,6,7}	0.462 ± 0.131 ^{1,6,7}	0.490 ± 0.145 ^{1,6,7}	0.357 ± 0.112 [—]	0.398 ± 0.135 [—]
<i>ecoli-0-6-7-vs-5</i>	0.794 ± 0.232 [—]	0.857 ± 0.176 [—]	0.857 ± 0.176 [—]	0.874 ± 0.165 ^{1,6,7}	0.872 ± 0.163 ^{1,6,7}	0.826 ± 0.181 [—]	0.822 ± 0.177 ⁶
<i>glass-0-1-6-vs-5</i>	0.680 ± 0.364 [—]	0.720 ± 0.342 [—]	0.720 ± 0.342 [—]	0.723 ± 0.320 ¹	0.763 ± 0.335 ^{1,7}	0.659 ± 0.326 [—]	0.683 ± 0.340 [—]
<i>ecoli-0-1-3-7-vs-2-6</i>	0.465 ± 0.340 [—]	0.480 ± 0.457 [—]	0.480 ± 0.457 [—]	0.615 ± 0.387 ⁶	0.604 ± 0.393 ^{6,7}	0.551 ± 0.374 [—]	0.499 ± 0.373 [—]
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.479 ± 0.096 [—]	0.669 ± 0.127 [—]	0.669 ± 0.127 [—]	0.739 ± 0.113 ^{1,6,7}	0.738 ± 0.108 ^{1,7}	0.696 ± 0.150 ⁷	0.655 ± 0.166 [—]
<i>ecoli-0-1-4-7-vs-5-6</i>	0.611 ± 0.150 [—]	0.822 ± 0.158 ¹	0.822 ± 0.158 ¹	0.908 ± 0.125 ^{1,2,3,6,7}	0.888 ± 0.132 ^{1,2,3,6,7}	0.825 ± 0.140 ^{1,7}	0.828 ± 0.154 ¹
<i>yeast5</i>	0.703 ± 0.162 [—]	0.754 ± 0.136 ¹	0.754 ± 0.136 ¹	0.657 ± 0.119 ^{1,2,3,6,7}	0.681 ± 0.115 ^{1,2,3,6,7}	0.622 ± 0.125 ¹	0.654 ± 0.115 ¹
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000 ^{6,7}	1.000 ± 0.000 ^{1,4,5,6,7}	1.000 ± 0.000 ^{1,4,5,6,7}	1.000 ± 0.000 ⁶	1.000 ± 0.000 ^{4,6,7}	1.000 ± 0.000 [—]	1.000 ± 0.000 [—]
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.611 ± 0.157 [—]	0.767 ± 0.164 [—]	0.768 ± 0.164 [—]	0.898 ± 0.118 [—]	0.904 ± 0.134 [—]	0.753 ± 0.186 [—]	0.746 ± 0.173 [—]
<i>yeast-0-3-5-9-vs-7-8</i>	0.363 ± 0.130 [—]	0.452 ± 0.240 ¹	0.455 ± 0.239 ¹	0.541 ± 0.179 ^{1,2,3,6,7}	0.455 ± 0.181 ^{1,2,3,6,7}	0.451 ± 0.199 ¹	0.332 ± 0.129 ¹
<i>yeast-1-vs-7</i>	0.333 ± 0.141 [—]	0.354 ± 0.329 ^{1,7}	0.354 ± 0.329 ^{1,7}	0.284 ± 0.154 ^{all}	0.248 ± 0.163 ^{1,7}	0.217 ± 0.083 ^{1,7}	0.189 ± 0.080 [—]
<i>yeast-1-2-8-9-vs-7</i>	0.212 ± 0.140 ^{5,6,7}	0.433 ± 0.397 ^{5,6,7}	0.433 ± 0.397 ^{5,6,7}	0.233 ± 0.147 ^{6,7}	0.205 ± 0.134 ⁷	0.124 ± 0.061 [—]	0.131 ± 0.063 [—]
<i>ecoli-0-1-4-6-vs-5</i>	0.655 ± 0.218 ^{6,7}	0.799 ± 0.195 ^{1,4,5,6,7}	0.799 ± 0.195 ^{1,4,5,6,7}	0.873 ± 0.146 ^{6,7}	0.881 ± 0.132 ^{6,7}	0.836 ± 0.154 [—]	0.876 ± 0.139 [—]
<i>glass-0-1-5-vs-2</i>	0.302 ± 0.304 [—]	0.280 ± 0.361 ¹	0.282 ± 0.362 ¹	0.265 ± 0.142 ^{1,2,3}	0.257 ± 0.131 ^{1,2,3}	0.213 ± 0.090 ¹	0.243 ± 0.123 ^{1,2,3}
<i>yeast-2-vs-4</i>	0.709 ± 0.097 [—]	0.769 ± 0.115 [—]	0.769 ± 0.115 [—]	0.852 ± 0.103 ⁶	0.854 ± 0.101 ⁶	0.812 ± 0.120 [—]	0.802 ± 0.110 [—]
<i>glass-0-6-vs-5</i>	0.808 ± 0.318 [—]	0.807 ± 0.307 ¹	0.807 ± 0.307 ¹	0.733 ± 0.390 ^{1,2,3,6,7}	0.803 ± 0.358 ^{1,2,3,6,7}	0.690 ± 0.407 ^{1,2,3}	0.793 ± 0.359 ¹
<i>glass2</i>	0.172 ± 0.228 [—]	0.293 ± 0.352 [—]	0.293 ± 0.352 [—]	0.302 ± 0.200 [—]	0.275 ± 0.163 ⁶	0.227 ± 0.118 [—]	0.256 ± 0.124 [—]
<i>yeast-2-vs-8</i>	0.442 ± 0.271 [—]	0.718 ± 0.378 ¹	0.718 ± 0.378 ¹	0.915 ± 0.173 ^{1,6}	0.908 ± 0.200 ^{1,7}	0.863 ± 0.214 ¹	0.800 ± 0.259 ¹
<i>vowel0</i>	0.911 ± 0.067 [—]	0.907 ± 0.074 ¹	0.908 ± 0.073 ¹	0.933 ± 0.073 ^{1,2,3,7}	0.936 ± 0.064 ^{1,2,3,7}	0.928 ± 0.077 ^{1,2,3}	0.925 ± 0.074 ¹
<i>glass-0-4-vs-5</i>	0.908 ± 0.169 [—]	0.888 ± 0.197 [—]	0.888 ± 0.197 [—]	0.980 ± 0.139 ^{1,2,3}	0.980 ± 0.139 ^{1,2,3}	0.980 ± 0.139 ^{2,3}	0.980 ± 0.139 ^{2,3}
<i>glass-0-1-4-6-vs-2</i>	0.258 ± 0.269 [—]	0.260 ± 0.353 [—]	0.267 ± 0.359 [—]	0.268 ± 0.186 ^{1,2,3}	0.240 ± 0.147 ^{1,2,3}	0.203 ± 0.113 ^{1,2,3}	0.220 ± 0.137 ^{1,2,3}
<i>yeast4</i>	0.330 ± 0.134 [—]	0.425 ± 0.260 [—]	0.420 ± 0.259 [—]	0.384 ± 0.115 ^{6,7}	0.365 ± 0.116 ⁷	0.274 ± 0.080 [—]	0.266 ± 0.080 [—]
<i>ecoli-0-4-6-vs-5</i>	0.744 ± 0.193 ^{6,7}	0.823 ± 0.177 ^{1,6,7}	0.823 ± 0.177 ^{1,6,7}	0.863 ± 0.150 ^{1,6,7}	0.856 ± 0.164 ^{6,7}	0.856 ± 0.155 [—]	0.856 ± 0.164 [—]
<i>page-blocks-1-3-vs-4</i>	0.908 ± 0.102 [—]	0.943 ± 0.082 ¹	0.943 ± 0.082 ¹	0.925 ± 0.113 ¹	0.974 ± 0.090 ¹	0.868 ± 0.166 ¹	0.961 ± 0.093 ¹
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.709 ± 0.082 [—]	0.822 ± 0.088 ^{1,6}	0.822 ± 0.088 ^{1,6}	0.834 ± 0.073 ⁶	0.832 ± 0.075 ^{1,2,3,4,6}	0.818 ± 0.084 [—]	0.806 ± 0.073 ^{1,6}
<i>ecoli-0-1-vs-2-3-5</i>	0.627 ± 0.198 [—]	0.788 ± 0.156 ¹	0.788 ± 0.156 ¹	0.942 ± 0.117 ^{1,7}	0.929 ± 0.143 ^{1,7}	0.801 ± 0.169 ¹	0.804 ± 0.180 ¹
<i>ecoli-0-6-7-vs-3-5</i>	0.735 ± 0.236 [—]	0.810 ± 0.253 ¹	0.820 ± 0.230 ¹	0.817 ± 0.203 ^{1,2,3,6,7}	0.809 ± 0.194 ^{1,2,3,6,7}	0.784 ± 0.218 ¹	0.741 ± 0.215 ¹
<i>ecoli-0-3-4-7-vs-5-6</i>	0.692 ± 0.154 [—]	0.853 ± 0.174 ¹	0.853 ± 0.174 ^{1,7}	0.856 ± 0.133 ⁷	0.834 ± 0.144 ⁷	0.832 ± 0.151 ⁷	0.783 ± 0.149 [—]
<i>ecoli-0-2-6-7-vs-3-5</i>	0.722 ± 0.252 [—]	0.815 ± 0.225 ^{1,7}	0.815 ± 0.225 ^{1,7}	0.865 ± 0.185 ^{1,7}	0.828 ± 0.191 ^{1,7}	0.815 ± 0.192 ¹	0.746 ± 0.209 ¹
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000 [—]	1.000 ± 0.000 ^{1,7}	1.000 ± 0.000 ^{1,7}	1.000 ± 0.000 ^{1,6,7}	1.000 ± 0.000 ^{1,7}	1.000 ± 0.000 ^{1,7}	1.000 ± 0.000 [—]
<i>ecoli-0-3-4-vs-5</i>	0.738 ± 0.200 [—]	0.838 ± 0.188 [—]	0.838 ± 0.188 [—]	0.875 ± 0.149 [—]	0.856 ± 0.192 [—]	0.862 ± 0.162 [—]	0.847 ± 0.192 [—]

Table 5: Results for Precision metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.634	3.976	4.195	5.695	5.134	3.195	3.171
	—	1	1,6,7	<i>all</i>	1,2,3,6,7	—	—

Table 6: Results for mean ranks according to Precision metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.717 ± 0.277	0.727 ± 0.280	0.727 ± 0.280	0.683 ± 0.327	0.673 ± 0.309	0.697 ± 0.295	0.687 ± 0.301
<i>ecoli-0-2-3-4-vs-5</i>	0.730 ± 0.179	0.720 ± 0.191	0.720 ± 0.191	0.780 ± 0.177	0.805 ± 0.182	0.790 ± 0.168	0.805 ± 0.182
<i>glass-0-1-6-vs-2</i>	0.243 ± 0.247	0.152 ± 0.208	0.152 ± 0.208	0.473 ± 0.252	0.490 ± 0.260	0.505 ± 0.255	0.528 ± 0.243
<i>ecoli-0-1-vs-5</i>	0.655 ± 0.205	0.740 ± 0.193	0.740 ± 0.193	0.755 ± 0.176	0.785 ± 0.180	0.790 ± 0.175	0.795 ± 0.178
<i>yeast-1-4-5-8-vs-7</i>	0.140 ± 0.157	0.013 ± 0.045	0.013 ± 0.045	0.197 ± 0.151	0.170 ± 0.154	0.320 ± 0.172	0.257 ± 0.173
<i>ecoli4</i>	0.755 ± 0.183	0.765 ± 0.196	0.765 ± 0.196	0.815 ± 0.192	0.830 ± 0.202	0.820 ± 0.193	0.835 ± 0.197
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.782 ± 0.143	0.811 ± 0.151	0.811 ± 0.151	0.292 ± 0.172	0.300 ± 0.160	0.769 ± 0.223	0.754 ± 0.226
<i>glass5</i>	0.670 ± 0.382	0.620 ± 0.368	0.620 ± 0.368	0.760 ± 0.349	0.780 ± 0.334	0.750 ± 0.350	0.770 ± 0.349
<i>ecoli-0-3-4-6-vs-5</i>	0.680 ± 0.218	0.675 ± 0.230	0.675 ± 0.230	0.800 ± 0.217	0.805 ± 0.207	0.810 ± 0.197	0.800 ± 0.212
<i>yeast-0-5-6-7-9-vs-4</i>	0.412 ± 0.159	0.349 ± 0.178	0.349 ± 0.178	0.621 ± 0.129	0.602 ± 0.130	0.671 ± 0.144	0.663 ± 0.136
<i>yeast6</i>	0.477 ± 0.182	0.437 ± 0.183	0.437 ± 0.183	0.617 ± 0.181	0.591 ± 0.195	0.646 ± 0.167	0.609 ± 0.199
<i>ecoli-0-6-7-vs-5</i>	0.705 ± 0.243	0.760 ± 0.217	0.760 ± 0.217	0.755 ± 0.203	0.760 ± 0.211	0.775 ± 0.201	0.760 ± 0.211
<i>glass-0-1-6-vs-5</i>	0.660 ± 0.366	0.650 ± 0.320	0.650 ± 0.320	0.700 ± 0.316	0.700 ± 0.331	0.720 ± 0.318	0.720 ± 0.334
<i>ecoli-0-1-3-7-vs-2-6</i>	0.660 ± 0.417	0.450 ± 0.438	0.450 ± 0.438	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>	0.512 ± 0.097	0.469 ± 0.094	0.468 ± 0.094	0.534 ± 0.110	0.529 ± 0.118	0.553 ± 0.109	0.553 ± 0.115
<i>ecoli-0-1-4-7-vs-5-6</i>	0.656 ± 0.200	0.656 ± 0.183	0.656 ± 0.183	0.744 ± 0.215	0.800 ± 0.164	0.760 ± 0.200	0.808 ± 0.169
<i>yeast5</i>	0.648 ± 0.170	0.638 ± 0.165	0.638 ± 0.165	0.805 ± 0.127	0.832 ± 0.112	0.831 ± 0.126	0.834 ± 0.117
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	0.990 ± 0.069	0.990 ± 0.069	0.990 ± 0.069	0.990 ± 0.069
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.632 ± 0.180	0.610 ± 0.207	0.617 ± 0.211	0.695 ± 0.190	0.713 ± 0.162	0.699 ± 0.186	0.717 ± 0.162
<i>yeast-0-3-5-9-vs-7-8</i>	0.394 ± 0.146	0.216 ± 0.118	0.218 ± 0.117	0.324 ± 0.125	0.340 ± 0.156	0.376 ± 0.156	0.472 ± 0.182
<i>yeast-1-vs-7</i>	0.393 ± 0.190	0.130 ± 0.106	0.130 ± 0.106	0.400 ± 0.188	0.353 ± 0.190	0.520 ± 0.198	0.460 ± 0.193
<i>yeast-1-2-8-9-vs-7</i>	0.280 ± 0.168	0.150 ± 0.138	0.150 ± 0.138	0.300 ± 0.169	0.267 ± 0.173	0.383 ± 0.200	0.393 ± 0.196
<i>ecoli-0-1-4-6-vs-5</i>	0.615 ± 0.188	0.655 ± 0.186	0.655 ± 0.186	0.775 ± 0.152	0.780 ± 0.170	0.780 ± 0.146	0.780 ± 0.170
<i>glass-0-1-5-vs-2</i>	0.262 ± 0.252	0.160 ± 0.202	0.160 ± 0.202	0.480 ± 0.229	0.538 ± 0.259	0.547 ± 0.249	0.588 ± 0.256
<i>yeast-2-vs-4</i>	0.722 ± 0.132	0.654 ± 0.147	0.654 ± 0.147	0.705 ± 0.125	0.707 ± 0.134	0.727 ± 0.135	0.735 ± 0.148
<i>glass-0-6-vs-5</i>	0.820 ± 0.328	0.730 ± 0.319	0.730 ± 0.319	0.660 ± 0.379	0.690 ± 0.359	0.640 ± 0.387	0.700 ± 0.360
<i>glass2</i>	0.187 ± 0.238	0.170 ± 0.189	0.170 ± 0.189	0.437 ± 0.247	0.525 ± 0.277	0.532 ± 0.255	0.592 ± 0.280
<i>yeast-2-vs-8</i>	0.435 ± 0.233	0.405 ± 0.277	0.405 ± 0.277	0.555 ± 0.219	0.550 ± 0.229	0.570 ± 0.212	0.555 ± 0.230
<i>vowel0</i>	0.936 ± 0.055	0.902 ± 0.068	0.902 ± 0.068	0.807 ± 0.109	0.782 ± 0.104	0.843 ± 0.099	0.809 ± 0.099
<i>glass-0-4-vs-5</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	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>	0.213 ± 0.216	0.182 ± 0.233	0.187 ± 0.237	0.442 ± 0.265	0.482 ± 0.273	0.513 ± 0.299	0.522 ± 0.307
<i>yeast4</i>	0.364 ± 0.141	0.208 ± 0.136	0.202 ± 0.131	0.484 ± 0.134	0.460 ± 0.123	0.546 ± 0.141	0.540 ± 0.150
<i>ecoli-0-4-6-vs-5</i>	0.660 ± 0.210	0.705 ± 0.198	0.705 ± 0.198	0.780 ± 0.184	0.795 ± 0.184	0.795 ± 0.170	0.795 ± 0.184
<i>page-blocks-1-3-vs-4</i>	0.918 ± 0.131	0.955 ± 0.108	0.955 ± 0.108	0.736 ± 0.205	0.847 ± 0.170	0.761 ± 0.197	0.862 ± 0.157
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.721 ± 0.102	0.746 ± 0.095	0.747 ± 0.095	0.813 ± 0.082	0.811 ± 0.076	0.810 ± 0.084	0.816 ± 0.078
<i>ecoli-0-1-vs-2-3-5</i>	0.615 ± 0.230	0.647 ± 0.186	0.647 ± 0.186	0.673 ± 0.210	0.702 ± 0.196	0.681 ± 0.215	0.688 ± 0.198
<i>ecoli-0-6-7-vs-3-5</i>	0.671 ± 0.250	0.630 ± 0.251	0.639 ± 0.242	0.676 ± 0.225	0.681 ± 0.206	0.699 ± 0.217	0.698 ± 0.207
<i>ecoli-0-3-4-7-vs-5-6</i>	0.728 ± 0.182	0.712 ± 0.192	0.712 ± 0.192	0.768 ± 0.156	0.772 ± 0.160	0.796 ± 0.157	0.784 ± 0.148
<i>ecoli-0-2-6-7-vs-3-5</i>	0.659 ± 0.255	0.616 ± 0.224	0.616 ± 0.224	0.693 ± 0.221	0.689 ± 0.203	0.707 ± 0.201	0.707 ± 0.189
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	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>	0.690 ± 0.237	0.730 ± 0.222	0.730 ± 0.222	0.785 ± 0.239	0.805 ± 0.251	0.795 ± 0.232	0.805 ± 0.251

Table 7: Results for Recall metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.293	2.622	2.695	3.890	4.463	5.366	5.671
	2,3	—	—	2,3	1,2,3,4	1,2,3,4,5	1,2,3,4,5

Table 8: Results for mean ranks according to Recall metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.846 ± 0.136	0.853 ± 0.140	0.853 ± 0.140	0.822 ± 0.165	0.820 ± 0.156	0.827 ± 0.149	0.826 ± 0.152
<i>ecoli-0-2-3-4-vs-5</i>	⁵ 0.850 ± 0.087	^{5,6} 0.852 ± 0.095	^{5,6} 0.852 ± 0.095	^{1,2,3} 0.883 ± 0.089	^{1,2,3} 0.895 ± 0.091	^{1,2,3} 0.888 ± 0.084	^{1,2,3} 0.895 ± 0.091
<i>glass-0-1-6-vs-2</i>	^{1,2,3} 0.582 ± 0.128	^{1,2,3} 0.561 ± 0.109	^{1,2,3} 0.561 ± 0.109	^{1,2,3,6} 0.665 ± 0.124	^{1,2,3} 0.667 ± 0.129	^{1,2,3} 0.639 ± 0.121	^{1,2,3,5} 0.668 ± 0.119
<i>ecoli-0-1-vs-5</i>	^{1,2,3,6} 0.814 ± 0.099	^{1,2,3} 0.863 ± 0.095	^{1,2,3} 0.863 ± 0.095	^{1,2,3} 0.875 ± 0.087	^{1,2,3} 0.890 ± 0.089	^{1,2,3} 0.891 ± 0.085	^{1,2,3,5} 0.894 ± 0.088
<i>yeast-1-4-5-8-vs-7</i>	¹ 0.546 ± 0.078	¹ 0.503 ± 0.023	¹ 0.503 ± 0.023	^{1,2,3} 0.561 ± 0.077	^{1,2,3} 0.553 ± 0.079	^{1,2,3} 0.585 ± 0.083	^{1,2,3} 0.565 ± 0.090
<i>ecoli4</i>	^{2,3} 0.868 ± 0.091	^{1,4,5,6} 0.875 ± 0.098	^{1,4,5} 0.875 ± 0.098	^{2,3} 0.905 ± 0.095	^{2,3} 0.912 ± 0.101	^{1,2,3,4,5} 0.905 ± 0.096	^{2,3} 0.913 ± 0.097
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,3,6} 0.881 ± 0.072	^{1,4,5,6} 0.883 ± 0.074	^{1,4,5} 0.884 ± 0.075	^{1,2,3} 0.641 ± 0.085	^{1,2,3} 0.643 ± 0.080	^{1,2,3} 0.870 ± 0.109	^{1,2,3} 0.862 ± 0.109
<i>glass5</i>	^{4,5,6} 0.831 ± 0.189	^{1,4,5,6} 0.805 ± 0.183	^{1,4,5} 0.805 ± 0.183	^{1,2,3,6} 0.875 ± 0.172	^{1,2,3} 0.886 ± 0.165	^{4,5} 0.865 ± 0.171	^{4,5} 0.876 ± 0.172
<i>ecoli-0-3-4-6-vs-5</i>	^{2,3,6,7} 0.821 ± 0.111	^{2,3,6,7} 0.827 ± 0.115	^{2,3,6,7} 0.827 ± 0.115	^{1,2,3} 0.891 ± 0.109	^{1,2,3} 0.894 ± 0.105	^{1,2,3} 0.894 ± 0.100	^{1,2,3} 0.891 ± 0.107
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,2,3} 0.670 ± 0.077	^{1,2,3} 0.658 ± 0.087	^{1,2,3} 0.658 ± 0.087	^{1,2,3} 0.779 ± 0.062	^{1,2,3} 0.768 ± 0.065	^{1,2,3} 0.778 ± 0.070	^{1,2,3} 0.773 ± 0.070
<i>yeast6</i>	^{1,2,3} 0.729 ± 0.089	^{1,2,3} 0.715 ± 0.090	^{1,2,3} 0.715 ± 0.090	^{1,2,3} 0.799 ± 0.090	^{1,2,3} 0.788 ± 0.096	^{1,2,3} 0.807 ± 0.081	^{1,2,3} 0.792 ± 0.098
<i>ecoli-0-6-7-vs-5</i>	^{1,2,3} 0.842 ± 0.121	^{1,2,3} 0.873 ± 0.110	^{1,2,3} 0.873 ± 0.110	^{1,2,3} 0.871 ± 0.102	^{1,2,3} 0.873 ± 0.107	^{1,2,3} 0.877 ± 0.101	^{1,2,3,5} 0.870 ± 0.106
<i>glass-0-1-6-vs-5</i>	¹ 0.822 ± 0.182	¹ 0.817 ± 0.157	¹ 0.817 ± 0.157	¹ 0.842 ± 0.157	^{1,7} 0.845 ± 0.167	¹ 0.847 ± 0.157	¹ 0.850 ± 0.167
<i>ecoli-0-1-3-7-vs-2-6</i>	^{1,2,3,6,7} 0.820 ± 0.209	^{1,2,3,6,7} 0.722 ± 0.219	^{1,2,3,6,7} 0.722 ± 0.219	^{1,7} 0.844 ± 0.200	^{1,7} 0.842 ± 0.201	⁷ 0.841 ± 0.199	^{1,2,3} 0.837 ± 0.198
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,3} 0.725 ± 0.050	^{1,2,3} 0.721 ± 0.047	^{1,2,3} 0.721 ± 0.047	^{1,2,3,6,7} 0.756 ± 0.055	^{1,2,3} 0.754 ± 0.059	^{1,2,3} 0.761 ± 0.053	^{1,2,3} 0.758 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2,3} 0.809 ± 0.095	^{1,2,3} 0.821 ± 0.090	^{1,2,3} 0.821 ± 0.090	^{1,2,3} 0.868 ± 0.106	^{1,2,3} 0.895 ± 0.082	^{1,2,3} 0.872 ± 0.098	^{1,2,3} 0.896 ± 0.084
<i>yeast5</i>	^{1,2,3,6} 0.819 ± 0.085	^{1,2,3,6} 0.816 ± 0.082	^{1,2,3,6} 0.816 ± 0.082	^{1,2,3,6} 0.896 ± 0.063	^{1,2,3,6} 0.910 ± 0.056	^{1,2,3,4} 0.907 ± 0.063	^{1,2,3,5} 0.910 ± 0.058
<i>shuttle-c2-vs-c4</i>	^{1,2,3,4} 1.000 ± 0.000	^{1,2,3,4} 1.000 ± 0.000	^{1,2,3,4} 1.000 ± 0.000	^{1,2,3} 0.995 ± 0.034	^{1,2,3,4} 0.995 ± 0.034	^{1,2,3} 0.995 ± 0.034	^{1,2,3,5} 0.995 ± 0.034
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	¹ 0.796 ± 0.092	¹ 0.795 ± 0.102	¹ 0.798 ± 0.104	¹ 0.843 ± 0.094	¹ 0.852 ± 0.080	¹ 0.837 ± 0.093	¹ 0.845 ± 0.081
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,3,6} 0.656 ± 0.070	^{1,2,3,6} 0.592 ± 0.060	^{1,2,3,6} 0.593 ± 0.059	^{1,2,3,6,7} 0.646 ± 0.061	^{1,2,3,6,7} 0.647 ± 0.074	^{1,2,3} 0.655 ± 0.068	^{1,2,3} 0.675 ± 0.079
<i>yeast-1-vs-7</i>	^{2,3} 0.669 ± 0.095	^{2,3} 0.556 ± 0.053	^{2,3} 0.556 ± 0.053	^{2,3} 0.661 ± 0.094	^{2,3} 0.635 ± 0.093	^{2,3} 0.692 ± 0.095	^{2,3,4,5} 0.659 ± 0.094
<i>yeast-1-2-8-9-vs-7</i>	^{2,3,5} 0.622 ± 0.082	^{2,3,5} 0.572 ± 0.069	^{2,3,5} 0.572 ± 0.069	^{2,3,5} 0.632 ± 0.086	^{2,3} 0.616 ± 0.086	^{2,3,4,5,7} 0.648 ± 0.098	^{2,3,5} 0.653 ± 0.098
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3} 0.792 ± 0.090	^{2,3} 0.819 ± 0.092	^{2,3} 0.819 ± 0.092	^{2,3} 0.882 ± 0.075	^{2,3} 0.885 ± 0.085	^{1,2,3,5} 0.883 ± 0.073	^{1,2,3,5} 0.885 ± 0.085
<i>glass-0-1-5-vs-2</i>	¹ 0.592 ± 0.127	¹ 0.562 ± 0.102	¹ 0.562 ± 0.102	^{1,2,3} 0.665 ± 0.115	^{1,2,3} 0.684 ± 0.129	^{1,2,3} 0.664 ± 0.122	^{1,2,3} 0.690 ± 0.133
<i>yeast-2-vs-4</i>	^{1,2,3} 0.844 ± 0.064	^{1,2,3} 0.816 ± 0.073	^{1,2,3} 0.816 ± 0.073	^{1,2,3} 0.845 ± 0.062	^{1,2,3} 0.847 ± 0.067	^{1,2,3} 0.853 ± 0.066	^{1,2,3} 0.857 ± 0.072
<i>glass-0-6-vs-5</i>	^{2,3} 0.899 ± 0.171	^{2,3} 0.855 ± 0.165	^{2,3} 0.855 ± 0.165	^{2,3} 0.823 ± 0.193	^{2,3} 0.841 ± 0.181	^{2,3} 0.809 ± 0.197	^{2,3} 0.845 ± 0.181
<i>glass2</i>	^{4,6} 0.561 ± 0.118	^{4,6} 0.573 ± 0.092	^{4,6} 0.573 ± 0.092	^{1,2,3} 0.668 ± 0.128	^{1,2,3} 0.700 ± 0.144	^{1,2,3} 0.680 ± 0.131	⁶ 0.720 ± 0.145
<i>yeast-2-vs-8</i>	^{1,2,3} 0.704 ± 0.113	^{1,2,3} 0.701 ± 0.138	^{1,2,3} 0.701 ± 0.138	^{1,2,3} 0.776 ± 0.110	^{1,2,3} 0.774 ± 0.115	^{1,2,3} 0.782 ± 0.106	^{1,2,3,4} 0.773 ± 0.114
<i>vowel0</i>	^{1,2,3,7} 0.963 ± 0.028	^{1,2,3,7} 0.946 ± 0.033	^{1,2,3,7} 0.946 ± 0.033	^{1,2,3,7} 0.900 ± 0.054	^{1,2,3,7} 0.888 ± 0.051	^{1,2,3} 0.918 ± 0.049	^{1,2,3} 0.901 ± 0.049
<i>glass-0-4-vs-5</i>	^{all} 0.992 ± 0.016	^{4,5,6,7} 0.989 ± 0.021	^{4,5,6,7} 0.989 ± 0.021	^{1,2,3} 0.990 ± 0.069	^{1,2,3} 0.990 ± 0.069	^{4,5,7} 0.989 ± 0.074	^{1,2,3} 0.989 ± 0.074
<i>glass-0-1-4-6-vs-2</i>	^{4,5,6,7} 0.573 ± 0.117	¹ 0.570 ± 0.119	¹ 0.572 ± 0.121	^{2,3} 0.662 ± 0.131	^{2,3} 0.671 ± 0.139	^{2,3} 0.665 ± 0.139	^{2,3} 0.674 ± 0.160
<i>yeast4</i>	^{1,2,3} 0.668 ± 0.071	^{1,2,3} 0.599 ± 0.068	^{1,2,3} 0.596 ± 0.065	^{1,2,3} 0.727 ± 0.066	^{1,2,3} 0.715 ± 0.062	^{1,2,3} 0.746 ± 0.067	^{1,2,3} 0.742 ± 0.074
<i>ecoli-0-4-6-vs-5</i>	^{2,3} 0.814 ± 0.102	^{2,3} 0.842 ± 0.099	^{2,3} 0.842 ± 0.099	^{1,2,3} 0.882 ± 0.092	^{1,2,3} 0.889 ± 0.093	^{1,2,3,4,5} 0.888 ± 0.086	^{1,2,3,5} 0.889 ± 0.093
<i>page-blocks-1-3-vs-4</i>	¹ 0.956 ± 0.064	¹ 0.976 ± 0.054	¹ 0.976 ± 0.054	^{1,2,3} 0.866 ± 0.102	^{1,2,3} 0.923 ± 0.086	^{1,2,3} 0.876 ± 0.099	^{1,2,3} 0.930 ± 0.079
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{4,6} 0.844 ± 0.051	^{1,4,5,6,7} 0.863 ± 0.046	^{1,4,5,6,7} 0.864 ± 0.046	^{1,2,3} 0.897 ± 0.041	^{4,6} 0.896 ± 0.039	^{1,2,3} 0.895 ± 0.042	^{4,6} 0.897 ± 0.039
<i>ecoli-0-1-vs-2-3-5</i>	¹ 0.786 ± 0.114	¹ 0.813 ± 0.094	¹ 0.813 ± 0.094	^{1,2,3} 0.834 ± 0.105	^{1,2,3} 0.848 ± 0.100	^{1,2,3} 0.830 ± 0.108	^{1,2,3} 0.834 ± 0.100
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,3,6} 0.821 ± 0.123	^{1,2,3,6} 0.808 ± 0.124	^{1,2,3,6} 0.812 ± 0.120	^{1,2,3,6} 0.830 ± 0.112	^{1,2,3,6,7} 0.830 ± 0.105	¹ 0.839 ± 0.110	¹ 0.834 ± 0.108
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2,3} 0.843 ± 0.085	^{1,2,3} 0.848 ± 0.097	^{1,2,3} 0.848 ± 0.097	^{1,2,3} 0.876 ± 0.078	^{1,2,3} 0.877 ± 0.082	^{1,2,3} 0.888 ± 0.079	^{1,2,3} 0.879 ± 0.074
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2,3} 0.813 ± 0.129	^{1,2,3} 0.799 ± 0.110	^{1,2,3} 0.799 ± 0.110	^{1,2,3} 0.841 ± 0.113	^{1,2,3} 0.836 ± 0.104	^{1,2,3} 0.843 ± 0.103	¹ 0.838 ± 0.097
<i>shuttle-c0-vs-c4</i>	^{1,2,3,7} 1.000 ± 0.000	^{1,2,3,7} 1.000 ± 0.000	^{1,2,3,7} 1.000 ± 0.000	^{1,2,3,7} 0.998 ± 0.006	^{1,2,3,7} 0.998 ± 0.006	^{1,2,3,7} 0.998 ± 0.006	⁵ 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	¹ 0.828 ± 0.116	¹ 0.856 ± 0.113	¹ 0.856 ± 0.113	^{1,2,3} 0.885 ± 0.120	^{1,2,3} 0.894 ± 0.126	^{1,2,3} 0.889 ± 0.116	^{1,2,3} 0.894 ± 0.126

Table 9: Results for AUC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.098	2.585	2.732	4.280	4.829	5.085	5.390
	—	—	—	1,2,3	1,2,3,4	1,2,3,4	1,2,3,4,5

Table 10: Results for mean ranks according to AUC metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.813 ± 0.193	0.815 ± 0.219	0.815 ± 0.219	0.763 ± 0.273	0.762 ± 0.266	0.785 ± 0.224	0.771 ± 0.262
<i>ecoli-0-2-3-4-vs-5</i>	$\overline{-}$	$\overset{4,5,6}{0.833 \pm 0.121}$	$\overset{4,5,6}{0.833 \pm 0.121}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$
<i>glass-0-1-6-vs-2</i>	0.358 ± 0.310	0.235 ± 0.305	0.235 ± 0.305	$\overset{1,2,3}{0.595 \pm 0.220}$	$\overset{1,2,3}{0.601 \pm 0.224}$	$\overset{1,2,3}{0.584 \pm 0.209}$	$\overset{1,2,3}{0.619 \pm 0.199}$
<i>ecoli-0-1-vs-5</i>	0.788 ± 0.125	0.846 ± 0.115	0.846 ± 0.115	$\overset{1,2,3,6}{0.860 \pm 0.102}$	$\overset{1,2,3}{0.877 \pm 0.104}$	$\overset{1,2,3}{0.879 \pm 0.099}$	$\overset{1,2,3}{0.882 \pm 0.102}$
<i>yeast-1-4-5-8-vs-7</i>	0.261 ± 0.254	$\overset{1}{0.033 \pm 0.110}$	$\overset{1}{0.033 \pm 0.110}$	$\overset{1,2,3}{0.359 \pm 0.230}$	$\overset{1,2,3}{0.317 \pm 0.243}$	$\overset{1,2,3}{0.491 \pm 0.171}$	$\overset{1,2,3}{0.419 \pm 0.222}$
<i>ecoli4</i>	$\overset{2,3}{0.854 \pm 0.106}$	0.860 ± 0.117	0.860 ± 0.117	$\overset{2,3}{0.893 \pm 0.114}$	$\overset{2,3}{0.900 \pm 0.120}$	$\overset{1,2,3,4,5}{0.893 \pm 0.114}$	$\overset{1,2,3,5}{0.902 \pm 0.116}$
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.871 ± 0.081	0.876 ± 0.083	0.877 ± 0.083	$\overset{1,2,3}{0.500 \pm 0.198}$	$\overset{1,2,3}{0.512 \pm 0.182}$	$\overset{1,2,3,4}{0.847 \pm 0.168}$	$\overset{1,2,3}{0.841 \pm 0.149}$
<i>glass5</i>	$\overset{4,5,6}{0.729 \pm 0.364}$	$\overset{1,4,5,6}{0.699 \pm 0.352}$	$\overset{1,4,5}{0.699 \pm 0.352}$	$\overline{-}$	$\overline{-}$	$\overset{4,5}{0.794 \pm 0.318}$	$\overset{4,5}{0.807 \pm 0.320}$
<i>ecoli-0-3-4-6-vs-5</i>	0.796 ± 0.143	0.799 ± 0.149	0.799 ± 0.149	$\overset{6}{0.877 \pm 0.132}$	$\overset{2,3,6,7}{0.880 \pm 0.128}$	0.883 ± 0.114	0.877 ± 0.130
<i>yeast-0-5-6-7-9-vs-4</i>	0.605 ± 0.121	0.551 ± 0.181	0.551 ± 0.181	$\overset{1,2,3}{0.758 \pm 0.077}$	$\overset{1,2,3}{0.744 \pm 0.087}$	0.765 ± 0.080	0.761 ± 0.080
<i>yeast6</i>	0.670 ± 0.136	0.639 ± 0.160	0.639 ± 0.160	$\overset{1,2,3}{0.769 \pm 0.117}$	$\overset{1,2,3}{0.751 \pm 0.133}$	$\overset{1,2,3}{0.783 \pm 0.105}$	$\overset{1,2,3}{0.759 \pm 0.134}$
<i>ecoli-0-6-7-vs-5</i>	0.811 ± 0.182	0.855 ± 0.136	0.855 ± 0.136	$\overset{1,2,3}{0.854 \pm 0.125}$	$\overset{1,2,3}{0.856 \pm 0.130}$	$\overset{1,2,3}{0.863 \pm 0.123}$	$\overset{1,2,3,5}{0.854 \pm 0.129}$
<i>glass-0-1-6-vs-5</i>	0.729 ± 0.343	$\overset{1}{0.747 \pm 0.283}$	$\overset{1}{0.747 \pm 0.283}$	$\overset{1}{0.785 \pm 0.269}$	$\overset{1,7}{0.779 \pm 0.294}$	$\overset{1}{0.792 \pm 0.270}$	$\overline{-}$
<i>ecoli-0-1-3-7-vs-2-6</i>	0.695 ± 0.405	0.494 ± 0.450	0.494 ± 0.450	$\overline{-}$	$\overline{-}$	0.735 ± 0.383	0.731 ± 0.381
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.690 ± 0.067	0.672 ± 0.070	0.671 ± 0.070	$\overset{1,2,3,6,7}{0.719 \pm 0.075}$	$\overset{1,2,3,7}{0.715 \pm 0.081}$	$\overset{2,3,7}{0.728 \pm 0.072}$	$\overset{2,3}{0.725 \pm 0.078}$
<i>ecoli-0-1-4-7-vs-5-6</i>	$\overset{2,3}{0.784 \pm 0.121}$	0.796 ± 0.114	0.796 ± 0.114	$\overset{1,2,3}{0.848 \pm 0.131}$	$\overset{1,2,3}{0.885 \pm 0.094}$	$\overset{1,2,3}{0.856 \pm 0.120}$	$\overset{1,2,3}{0.886 \pm 0.093}$
<i>yeast5</i>	0.793 ± 0.113	0.789 ± 0.102	0.789 ± 0.102	$\overset{1,2,3}{0.888 \pm 0.073}$	$\overset{1,2,3,6}{0.904 \pm 0.063}$	$\overset{1,2,3,4}{0.901 \pm 0.073}$	$\overset{1,2,3,5}{0.904 \pm 0.067}$
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	$\overset{1,2,3}{0.994 \pm 0.041}$	$\overset{1,2,3,4}{0.994 \pm 0.041}$	$\overset{1,2,3}{0.994 \pm 0.041}$	$\overset{1,2,3,5}{0.994 \pm 0.041}$
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.770 ± 0.117	0.759 ± 0.145	0.763 ± 0.147	$\overline{-}$	$\overline{-}$	0.817 ± 0.117	0.829 ± 0.101
<i>yeast-0-3-5-9-vs-7-8</i>	0.588 ± 0.119	0.437 ± 0.135	0.439 ± 0.134	$\overset{1,2,3,6}{0.545 \pm 0.128}$	$\overset{1,2,3,6,7}{0.544 \pm 0.161}$	$\overset{1,2,3}{0.572 \pm 0.139}$	$\overset{1,2,3}{0.627 \pm 0.124}$
<i>yeast-1-vs-7</i>	$\overset{2,3,4}{0.582 \pm 0.181}$	0.291 ± 0.206	0.291 ± 0.206	$\overset{2,3}{0.585 \pm 0.162}$	$\overset{2,3}{0.532 \pm 0.198}$	$\overset{2,3}{0.650 \pm 0.154}$	$\overset{all}{0.604 \pm 0.168}$
<i>yeast-1-2-8-9-vs-7</i>	$\overset{2,3}{0.475 \pm 0.209}$	0.299 ± 0.244	0.299 ± 0.244	$\overset{2,3,5}{0.498 \pm 0.203}$	$\overset{2,3}{0.453 \pm 0.227}$	$\overset{all}{0.558 \pm 0.193}$	$\overset{2,3,5}{0.563 \pm 0.202}$
<i>ecoli-0-1-4-6-vs-5</i>	$\overset{2,3}{0.756 \pm 0.151}$	0.793 ± 0.119	0.793 ± 0.119	$\overset{2,3}{0.871 \pm 0.087}$	$\overset{2,3}{0.874 \pm 0.098}$	$\overset{1,2,3,5}{0.873 \pm 0.084}$	$\overset{1,2,3,5}{0.873 \pm 0.098}$
<i>glass-0-1-5-vs-2</i>	0.389 ± 0.300	$\overset{1}{0.256 \pm 0.296}$	$\overset{1}{0.257 \pm 0.297}$	$\overset{1,2,3}{0.606 \pm 0.197}$	$\overset{1,2,3}{0.637 \pm 0.196}$	$\overset{1,2,3}{0.620 \pm 0.196}$	$\overset{1,2,3}{0.655 \pm 0.191}$
<i>yeast-2-vs-4</i>	0.831 ± 0.076	0.794 ± 0.095	0.794 ± 0.095	$\overset{1,2,3}{0.830 \pm 0.074}$	$\overset{1,2,3}{0.831 \pm 0.079}$	$\overset{1,2,3}{0.840 \pm 0.079}$	$\overset{1,2,3}{0.843 \pm 0.085}$
<i>glass-0-6-vs-5</i>	$\overset{2,3}{0.846 \pm 0.301}$	0.803 ± 0.274	0.803 ± 0.274	$\overset{2,3}{0.722 \pm 0.362}$	$\overset{2,3}{0.758 \pm 0.333}$	$\overset{2,3}{0.699 \pm 0.373}$	$\overset{2,3}{0.763 \pm 0.334}$
<i>glass2</i>	$\overset{all}{0.276 \pm 0.311}$	0.283 ± 0.290	0.283 ± 0.290	$\overline{-}$	$\overline{-}$	0.630 ± 0.208	0.672 ± 0.225
<i>yeast-2-vs-8</i>	0.598 ± 0.252	0.560 ± 0.299	0.560 ± 0.299	$\overset{1,2,3}{0.728 \pm 0.153}$	$\overset{1,2,3}{0.718 \pm 0.181}$	$\overset{1,2,3}{0.738 \pm 0.147}$	$\overset{1,2,3,4}{0.719 \pm 0.181}$
<i>vowel0</i>	0.962 ± 0.029	0.944 ± 0.035	0.944 ± 0.035	$\overset{1,2,3,7}{0.893 \pm 0.062}$	$\overset{1,2,3}{0.880 \pm 0.058}$	$\overset{1,2,3}{0.913 \pm 0.054}$	$\overset{1,2,3,5}{0.894 \pm 0.055}$
<i>glass-0-4-vs-5</i>	$\overset{all}{0.991 \pm 0.017}$	$\overset{4,5,6,7}{0.988 \pm 0.022}$	$\overset{4,5,6,7}{0.988 \pm 0.022}$	$\overline{-}$	$\overline{-}$	$\overset{4,5,7}{0.980 \pm 0.139}$	$\overline{-}$
<i>glass-0-1-4-6-vs-2</i>	$\overset{4,5,6,7}{0.336 \pm 0.298}$	$\overset{4,5,6,7}{0.271 \pm 0.317}$	$\overset{4,5,6,7}{0.276 \pm 0.321}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$
<i>yeast4</i>	0.581 ± 0.126	0.413 ± 0.188	0.407 ± 0.185	$\overset{1,2,3}{0.678 \pm 0.097}$	$\overset{1,2,3}{0.662 \pm 0.093}$	$\overset{1,2,3}{0.712 \pm 0.094}$	$\overset{1,2,3}{0.707 \pm 0.102}$
<i>ecoli-0-4-6-vs-5</i>	$\overset{2,3}{0.787 \pm 0.136}$	0.822 ± 0.125	0.822 ± 0.125	$\overset{1,2,3}{0.869 \pm 0.110}$	$\overset{1,2,3}{0.877 \pm 0.111}$	$\overset{1,2,3,4,5}{0.878 \pm 0.098}$	$\overset{1,2,3,5}{0.877 \pm 0.111}$
<i>page-blocks-1-3-vs-4</i>	0.952 ± 0.072	$\overset{1}{0.974 \pm 0.059}$	$\overset{1}{0.974 \pm 0.059}$	$\overset{1,2,3}{0.847 \pm 0.123}$	$\overset{1,2,3}{0.914 \pm 0.098}$	$\overset{1,2,3}{0.861 \pm 0.119}$	$\overset{1,2,3}{0.923 \pm 0.088}$
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	$\overset{4,6}{0.832 \pm 0.061}$	$\overset{1,4,5,6,7}{0.853 \pm 0.054}$	$\overset{1,4,5,6,7}{0.854 \pm 0.054}$	$\overline{-}$	$\overset{4,6}{0.891 \pm 0.043}$	0.889 ± 0.046	$\overset{4,6}{0.892 \pm 0.043}$
<i>ecoli-0-1-vs-2-3-5</i>	0.746 ± 0.175	$\overset{1}{0.787 \pm 0.120}$	$\overset{1}{0.787 \pm 0.120}$	$\overset{1,2,3}{0.806 \pm 0.137}$	$\overset{1,2,3}{0.826 \pm 0.124}$	$\overset{1,2,3}{0.805 \pm 0.139}$	$\overset{1,2,3}{0.812 \pm 0.125}$
<i>ecoli-0-6-7-vs-3-5</i>	0.780 ± 0.206	0.754 ± 0.227	0.766 ± 0.205	$\overset{1,2,3,6}{0.797 \pm 0.170}$	$\overset{1,2,3,6,7}{0.807 \pm 0.129}$	$\overset{1}{0.810 \pm 0.168}$	$\overset{1}{0.813 \pm 0.134}$
<i>ecoli-0-3-4-7-vs-5-6</i>	0.828 ± 0.102	0.828 ± 0.122	0.828 ± 0.122	$\overline{-}$	$\overline{-}$	0.879 ± 0.088	0.869 ± 0.084
<i>ecoli-0-2-6-7-vs-3-5</i>	0.771 ± 0.207	0.757 ± 0.175	0.757 ± 0.175	$\overset{1,2,3}{0.815 \pm 0.145}$	$\overset{1,2,3}{0.813 \pm 0.131}$	$\overset{1,2,3}{0.823 \pm 0.129}$	$\overset{1,2,3}{0.819 \pm 0.119}$
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	$\overset{1,2,3}{0.998 \pm 0.006}$	$\overset{1,2,3}{0.998 \pm 0.006}$	$\overset{1,2,3,7}{0.998 \pm 0.006}$	$\overset{4,5}{0.998 \pm 0.006}$
<i>ecoli-0-3-4-vs-5</i>	0.802 ± 0.148	0.835 ± 0.142	0.835 ± 0.142	$\overline{-}$	$\overline{-}$	0.872 ± 0.144	$\overline{-}$
	$\overline{-}$	1	1	$\overset{1,2,3}{\overline{-}}$	$\overset{1,2,3}{\overline{-}}$	$\overset{1,2,3}{\overline{-}}$	$\overset{1,2,3}{\overline{-}}$

Table 11: Results for GMEAN metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.098	2.671	2.817	4.061	4.634	5.232	5.488
	$\overline{-}$	$\overline{-}$	$\overline{-}$	2,3	1,2,3,4	1,2,3,4	1,2,3,4,5

Table 12: Results for mean ranks according to GMEAN metric