

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.582 ± 0.128	0.569 ± 0.103	0.572 ± 0.105	0.700 ± 0.142	0.720 ± 0.124	0.671 ± 0.127	0.733 ± 0.109
<i>ecoli-0-3-4-7-vs-5-6</i>	0.843 ± 0.085	0.857 ± 0.091	0.857 ± 0.091	0.887 ± 0.080	0.881 ± 0.078	0.886 ± 0.080	0.891 ± 0.076
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	0.990 ± 0.048	0.990 ± 0.048	0.945 ± 0.143	0.945 ± 0.143	0.943 ± 0.144	0.943 ± 0.144
<i>glass-0-1-4-6-vs-2</i>	0.573 ± 0.117	0.554 ± 0.093	0.557 ± 0.098	0.685 ± 0.130	0.702 ± 0.131	0.667 ± 0.140	0.730 ± 0.134
<i>yeast-1-2-8-9-vs-7</i>	0.622 ± 0.082	0.548 ± 0.057	0.548 ± 0.057	0.654 ± 0.072	0.653 ± 0.072	0.682 ± 0.091	0.704 ± 0.097
<i>ecoli-0-1-4-6-vs-5</i>	0.792 ± 0.090	0.843 ± 0.097	0.841 ± 0.095	0.886 ± 0.077	0.901 ± 0.081	0.891 ± 0.080	0.902 ± 0.082
<i>glass-0-1-6-vs-5</i>	0.822 ± 0.182	0.908 ± 0.144	0.909 ± 0.144	0.859 ± 0.159	0.877 ± 0.159	0.868 ± 0.139	0.892 ± 0.142
<i>yeast-2-vs-4</i>	0.844 ± 0.064	0.836 ± 0.062	0.836 ± 0.062	0.849 ± 0.066	0.846 ± 0.068	0.862 ± 0.077	0.860 ± 0.076
<i>glass-0-6-vs-5</i>	0.899 ± 0.171	0.937 ± 0.150	0.937 ± 0.150	0.805 ± 0.186	0.815 ± 0.182	0.793 ± 0.179	0.815 ± 0.180
<i>ecoli-0-3-4-6-vs-5</i>	0.821 ± 0.111	0.850 ± 0.120	0.849 ± 0.120	0.894 ± 0.108	0.905 ± 0.088	0.893 ± 0.110	0.906 ± 0.088
<i>yeast-0-3-5-9-vs-7-8</i>	0.656 ± 0.070	0.596 ± 0.049	0.595 ± 0.049	0.655 ± 0.068	0.662 ± 0.074	0.672 ± 0.072	0.698 ± 0.078
<i>glass-0-1-5-vs-2</i>	0.592 ± 0.127	0.560 ± 0.103	0.567 ± 0.114	0.708 ± 0.143	0.725 ± 0.122	0.695 ± 0.112	0.719 ± 0.105
<i>ecoli-0-6-7-vs-5</i>	0.842 ± 0.121	0.864 ± 0.121	0.867 ± 0.119	0.865 ± 0.103	0.867 ± 0.101	0.861 ± 0.103	0.871 ± 0.103
<i>ecoli-0-2-3-4-vs-5</i>	0.850 ± 0.087	0.864 ± 0.099	0.866 ± 0.098	0.901 ± 0.087	0.909 ± 0.078	0.903 ± 0.085	0.912 ± 0.081
<i>ecoli4</i>	0.868 ± 0.091	0.873 ± 0.110	0.873 ± 0.110	0.917 ± 0.092	0.921 ± 0.096	0.926 ± 0.081	0.924 ± 0.093
<i>yeast5</i>	0.819 ± 0.085	0.815 ± 0.068	0.817 ± 0.065	0.924 ± 0.054	0.933 ± 0.058	0.935 ± 0.051	0.937 ± 0.053
<i>ecoli-0-4-6-vs-5</i>	0.814 ± 0.102	0.842 ± 0.096	0.845 ± 0.097	0.891 ± 0.087	0.907 ± 0.081	0.888 ± 0.089	0.911 ± 0.081
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.881 ± 0.072	0.882 ± 0.074	0.883 ± 0.074	0.649 ± 0.088	0.648 ± 0.089	0.880 ± 0.100	0.895 ± 0.086
<i>ecoli-0-1-vs-5</i>	0.814 ± 0.099	0.856 ± 0.104	0.856 ± 0.104	0.895 ± 0.081	0.902 ± 0.077	0.905 ± 0.074	0.909 ± 0.077
<i>ecoli-0-2-6-7-vs-3-5</i>	0.813 ± 0.129	0.833 ± 0.102	0.836 ± 0.104	0.838 ± 0.110	0.842 ± 0.101	0.840 ± 0.106	0.839 ± 0.098
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.796 ± 0.092	0.812 ± 0.099	0.817 ± 0.098	0.857 ± 0.092	0.860 ± 0.082	0.845 ± 0.092	0.849 ± 0.082
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	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-0-6-7-vs-3-5</i>	0.821 ± 0.123	0.817 ± 0.117	0.820 ± 0.116	0.825 ± 0.107	0.831 ± 0.104	0.836 ± 0.104	0.835 ± 0.103
<i>vowel0</i>	0.963 ± 0.028	0.958 ± 0.028	0.958 ± 0.028	0.859 ± 0.054	0.858 ± 0.059	0.891 ± 0.054	0.878 ± 0.055
<i>glass4</i>	0.846 ± 0.136	0.836 ± 0.129	0.836 ± 0.129	0.796 ± 0.151	0.791 ± 0.146	0.797 ± 0.160	0.829 ± 0.135
<i>yeast-0-5-6-7-9-vs-4</i>	0.670 ± 0.077	0.661 ± 0.073	0.660 ± 0.075	0.792 ± 0.046	0.786 ± 0.052	0.788 ± 0.054	0.795 ± 0.066
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.725 ± 0.050	0.728 ± 0.043	0.728 ± 0.041	0.765 ± 0.055	0.762 ± 0.055	0.773 ± 0.052	0.768 ± 0.060
<i>ecoli-0-1-vs-2-3-5</i>	0.786 ± 0.114	0.820 ± 0.103	0.819 ± 0.106	0.857 ± 0.088	0.855 ± 0.091	0.850 ± 0.091	0.856 ± 0.092
<i>ecoli-0-3-4-vs-5</i>	0.828 ± 0.116	0.868 ± 0.114	0.871 ± 0.113	0.898 ± 0.111	0.911 ± 0.112	0.899 ± 0.109	0.910 ± 0.109
<i>glass5</i>	0.831 ± 0.189	0.858 ± 0.180	0.858 ± 0.180	0.907 ± 0.143	0.915 ± 0.144	0.907 ± 0.131	0.938 ± 0.122
<i>yeast4</i>	0.668 ± 0.071	0.598 ± 0.061	0.596 ± 0.056	0.761 ± 0.076	0.757 ± 0.072	0.799 ± 0.072	0.803 ± 0.068
<i>glass-0-4-vs-5</i>	0.992 ± 0.016	0.992 ± 0.016	0.992 ± 0.016	0.954 ± 0.121	0.955 ± 0.119	0.953 ± 0.123	0.954 ± 0.121
<i>yeast6</i>	0.729 ± 0.089	0.724 ± 0.088	0.724 ± 0.088	0.823 ± 0.093	0.818 ± 0.086	0.831 ± 0.086	0.826 ± 0.091
<i>page-blocks-1-3-vs-4</i>	0.956 ± 0.064	0.977 ± 0.054	0.979 ± 0.052	0.753 ± 0.116	0.843 ± 0.109	0.829 ± 0.121	0.890 ± 0.097
<i>yeast-1-vs-7</i>	0.669 ± 0.095	0.553 ± 0.054	0.555 ± 0.053	0.671 ± 0.107	0.655 ± 0.107	0.711 ± 0.099	0.705 ± 0.097
<i>ecoli-0-1-3-7-vs-2-6</i>	0.820 ± 0.209	0.674 ± 0.213	0.699 ± 0.218	0.840 ± 0.200	0.836 ± 0.199	0.835 ± 0.196	0.826 ± 0.195
<i>yeast-1-4-5-8-vs-7</i>	0.546 ± 0.078	0.505 ± 0.022	0.506 ± 0.025	0.601 ± 0.075	0.619 ± 0.090	0.633 ± 0.085	0.649 ± 0.097
<i>ecoli-0-1-4-7-vs-5-6</i>	0.809 ± 0.095	0.815 ± 0.092	0.819 ± 0.089	0.873 ± 0.094	0.892 ± 0.080	0.880 ± 0.093	0.909 ± 0.074
<i>yeast-2-vs-8</i>	0.704 ± 0.113	0.739 ± 0.126	0.741 ± 0.128	0.776 ± 0.110	0.776 ± 0.109	0.784 ± 0.111	0.776 ± 0.103
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.844 ± 0.051	0.873 ± 0.048	0.873 ± 0.048	0.900 ± 0.037	0.902 ± 0.037	0.896 ± 0.038	0.901 ± 0.040
<i>glass2</i>	0.561 ± 0.118	0.587 ± 0.102	0.584 ± 0.102	0.706 ± 0.117	0.728 ± 0.121	0.705 ± 0.125	0.757 ± 0.118

Table 1: Results for BAC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.683	2.780	3.122	4.220	4.732	4.634	5.829
	—	—	2	1,2	1,2,3,4	1,2,3	<i>all</i>

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>glass-0-1-6-vs-2</i>	0.225 ± 0.219	0.200 ± 0.262	0.214 ± 0.268	0.320 ± 0.157	0.335 ± 0.128	0.254 ± 0.101	0.314 ± 0.091
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.686 ± 0.108	¹ 0.785 ± 0.134	¹ 0.785 ± 0.134	^{1,2,3,6} 0.803 ± 0.119	^{1,2,3,6} 0.785 ± 0.121	¹ 0.787 ± 0.129	^{1,2,3,6} 0.778 ± 0.115
<i>shuttle-c2-vs-c4</i>	¹ 1.000 ± 0.000	¹ 0.987 ± 0.065	¹ 0.987 ± 0.065	^{1,5,6} 0.900 ± 0.276	¹ 0.900 ± 0.276	¹ 0.884 ± 0.284	¹ 0.884 ± 0.284
<i>glass-0-1-4-6-vs-2</i>	^{6,7} 0.220 ± 0.210	¹ 0.160 ± 0.233	¹ 0.162 ± 0.233	¹ 0.306 ± 0.146	¹ 0.315 ± 0.149	¹ 0.241 ± 0.103	¹ 0.305 ± 0.114
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.233 ± 0.137	¹ 0.150 ± 0.167	¹ 0.150 ± 0.167	^{1,2,3,6} 0.230 ± 0.092	^{1,2,3,6} 0.217 ± 0.082	^{2,3} 0.165 ± 0.059	^{1,2,3,6} 0.165 ± 0.050
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3,6,7} 0.606 ± 0.149	¹ 0.763 ± 0.150	¹ 0.758 ± 0.149	^{2,3,6,7} 0.804 ± 0.106	^{2,3,6,7} 0.817 ± 0.113	¹ 0.784 ± 0.111	¹ 0.809 ± 0.119
<i>glass-0-1-6-vs-5</i>	¹ 0.631 ± 0.314	¹ 0.765 ± 0.254	¹ 0.771 ± 0.249	^{1,3,6} 0.671 ± 0.282	^{1,2,3,6} 0.716 ± 0.282	¹ 0.568 ± 0.217	^{1,2,3,6} 0.701 ± 0.263
<i>yeast-2-vs-4</i>	^{1,4,6} 0.707 ± 0.087	^{1,4,6} 0.730 ± 0.100	^{1,4,6} 0.730 ± 0.100	⁶ 0.769 ± 0.096	^{4,6} 0.764 ± 0.095	¹ 0.765 ± 0.107	⁶ 0.743 ± 0.089
<i>glass-0-6-vs-5</i>	¹ 0.793 ± 0.302	¹ 0.857 ± 0.275	¹ 0.857 ± 0.275	^{1,2,3,7} 0.635 ± 0.345	^{1,2,3,7} 0.677 ± 0.342	^{1,2,3,7} 0.540 ± 0.300	¹ 0.639 ± 0.323
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.665 ± 0.186	^{1,4,5,6,7} 0.757 ± 0.200	^{1,4,5,6,7} 0.755 ± 0.199	⁶ 0.808 ± 0.163	^{6,7} 0.807 ± 0.141	¹ 0.792 ± 0.173	⁶ 0.803 ± 0.143
<i>yeast-0-3-5-9-vs-7-8</i>	¹ 0.366 ± 0.116	¹ 0.296 ± 0.123	¹ 0.293 ± 0.124	^{1,2,3} 0.394 ± 0.127	¹ 0.387 ± 0.128	¹ 0.386 ± 0.120	¹ 0.360 ± 0.102
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.249 ± 0.210	¹ 0.174 ± 0.249	¹ 0.187 ± 0.258	^{2,3,7} 0.345 ± 0.160	^{2,3} 0.357 ± 0.129	^{2,3} 0.291 ± 0.089	^{2,3} 0.319 ± 0.087
<i>ecoli-0-6-7-vs-5</i>	¹ 0.726 ± 0.208	¹ 0.780 ± 0.188	¹ 0.782 ± 0.183	^{1,2,3,6} 0.781 ± 0.170	^{1,2,3,6,7} 0.778 ± 0.164	^{2,3} 0.751 ± 0.170	^{1,2,3,6} 0.761 ± 0.169
<i>ecoli-0-2-3-4-vs-5</i>	^{1,6} 0.730 ± 0.140	^{1,6} 0.791 ± 0.162	^{1,6,7} 0.795 ± 0.161	^{1,6} 0.836 ± 0.130	¹ 0.841 ± 0.122	¹ 0.826 ± 0.134	¹ 0.834 ± 0.132
<i>ecoli4</i>	¹ 0.732 ± 0.138	¹ 0.781 ± 0.169	¹ 0.781 ± 0.169	¹ 0.866 ± 0.128	^{1,2} 0.852 ± 0.144	¹ 0.858 ± 0.105	¹ 0.833 ± 0.144
<i>yeast5</i>	¹ 0.658 ± 0.137	¹ 0.680 ± 0.109	¹ 0.684 ± 0.106	^{1,2,3} 0.713 ± 0.087	^{1,2,3,7} 0.742 ± 0.082	^{1,2,3} 0.685 ± 0.087	¹ 0.717 ± 0.084
<i>ecoli-0-4-6-vs-5</i>	¹ 0.667 ± 0.159	¹ 0.753 ± 0.152	¹ 0.756 ± 0.151	^{1,6} 0.809 ± 0.130	^{all} 0.824 ± 0.137	¹ 0.796 ± 0.140	^{1,6} 0.827 ± 0.137
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	¹ 0.778 ± 0.109	¹ 0.719 ± 0.107	¹ 0.719 ± 0.104	^{1,2,3} 0.399 ± 0.197	^{1,2,3} 0.392 ± 0.193	^{1,2} 0.725 ± 0.157	^{1,2,3,6} 0.732 ± 0.115
<i>ecoli-0-1-vs-5</i>	^{all} 0.666 ± 0.143	^{4,5} 0.779 ± 0.156	^{4,5} 0.779 ± 0.156	¹ 0.855 ± 0.108	¹ 0.861 ± 0.108	^{4,5} 0.848 ± 0.113	^{4,5} 0.851 ± 0.127
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.664 ± 0.218	¹ 0.732 ± 0.165	¹ 0.739 ± 0.166	^{1,2,3} 0.738 ± 0.187	^{1,2,3} 0.736 ± 0.166	^{1,2,3} 0.714 ± 0.184	^{1,2,3} 0.697 ± 0.167
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	¹ 0.611 ± 0.148	¹ 0.703 ± 0.162	^{1,7} 0.710 ± 0.158	^{1,7} 0.780 ± 0.143	^{1,7} 0.785 ± 0.130	⁷ 0.695 ± 0.151	¹ 0.708 ± 0.138
<i>shuttle-c0-vs-c4</i>	¹ 1.000 ± 0.000	¹ 1.000 ± 0.000	¹ 1.000 ± 0.000	^{1,2,3,6,7} 0.998 ± 0.006	^{1,2,3,6,7} 0.998 ± 0.006	¹ 0.998 ± 0.006	¹ 0.998 ± 0.006
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.676 ± 0.209	¹ 0.708 ± 0.211	¹ 0.715 ± 0.208	¹ 0.720 ± 0.175	¹ 0.720 ± 0.174	¹ 0.712 ± 0.181	¹ 0.696 ± 0.185
<i>vowel0</i>	¹ 0.921 ± 0.045	¹ 0.910 ± 0.044	¹ 0.910 ± 0.043	⁷ 0.804 ± 0.072	¹ 0.804 ± 0.075	¹ 0.844 ± 0.068	¹ 0.828 ± 0.066
<i>glass4</i>	^{4,5,6,7} 0.680 ± 0.227	^{4,5,6,7} 0.699 ± 0.215	^{4,5,6,7} 0.702 ± 0.215	¹ 0.541 ± 0.242	¹ 0.551 ± 0.251	^{4,5} 0.500 ± 0.239	^{4,5} 0.588 ± 0.224
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.391 ± 0.122	^{4,5,6,7} 0.426 ± 0.144	^{4,5,6,7} 0.423 ± 0.148	⁶ 0.550 ± 0.072	⁶ 0.543 ± 0.087	¹ 0.456 ± 0.080	⁶ 0.464 ± 0.089
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	¹ 0.491 ± 0.084	¹ 0.572 ± 0.079	¹ 0.573 ± 0.076	^{1,2,3,6,7} 0.618 ± 0.092	^{1,2,3,6,7} 0.611 ± 0.094	¹ 0.604 ± 0.086	¹ 0.577 ± 0.108
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,3,7} 0.599 ± 0.183	^{1,2,3,7} 0.709 ± 0.167	^{1,2,3,7} 0.709 ± 0.175	^{1,2,3,7} 0.799 ± 0.127	^{1,2,3,7} 0.798 ± 0.133	^{1,2,3,7} 0.744 ± 0.139	¹ 0.757 ± 0.148
<i>ecoli-0-3-4-vs-5</i>	¹ 0.683 ± 0.176	¹ 0.790 ± 0.181	¹ 0.793 ± 0.181	^{1,2,3,6,7} 0.825 ± 0.168	^{1,2,3,6,7} 0.831 ± 0.191	¹ 0.816 ± 0.169	¹ 0.823 ± 0.187
<i>glass5</i>	¹ 0.657 ± 0.346	¹ 0.720 ± 0.330	¹ 0.720 ± 0.330	¹ 0.731 ± 0.237	¹ 0.784 ± 0.262	¹ 0.613 ± 0.234	¹ 0.734 ± 0.243
<i>yeast4</i>	⁶ 0.336 ± 0.122	⁶ 0.279 ± 0.149	⁶ 0.276 ± 0.141	⁶ 0.407 ± 0.094	^{1,4,6,7} 0.408 ± 0.103	¹ 0.319 ± 0.065	⁶ 0.319 ± 0.064
<i>glass-0-4-vs-5</i>	^{2,3} 0.942 ± 0.109	¹ 0.942 ± 0.109	¹ 0.942 ± 0.109	^{1,2,3,6,7} 0.927 ± 0.213	^{1,2,3,6,7} 0.927 ± 0.213	³ 0.919 ± 0.214	³ 0.927 ± 0.213
<i>yeast6</i>	¹ 0.422 ± 0.135	¹ 0.526 ± 0.162	¹ 0.525 ± 0.163	¹ 0.482 ± 0.120	¹ 0.517 ± 0.110	¹ 0.378 ± 0.107	¹ 0.423 ± 0.106
<i>page-blocks-1-3-vs-4</i>	⁶ 0.903 ± 0.084	^{1,4,6,7} 0.946 ± 0.081	^{1,4,6,7} 0.948 ± 0.081	^{1,6,7} 0.603 ± 0.225	^{1,4,6,7} 0.783 ± 0.170	¹ 0.671 ± 0.184	⁶ 0.844 ± 0.156
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.353 ± 0.151	^{1,4,5,6,7} 0.174 ± 0.158	^{1,4,5,6,7} 0.179 ± 0.156	¹ 0.283 ± 0.116	^{4,6} 0.257 ± 0.113	¹ 0.267 ± 0.077	^{4,5,6} 0.254 ± 0.068
<i>ecoli-0-1-3-7-vs-2-6</i>	^{all} 0.513 ± 0.327	¹ 0.369 ± 0.430	¹ 0.423 ± 0.438	^{2,3,5,6,7} 0.563 ± 0.333	^{2,3} 0.515 ± 0.321	^{2,3} 0.467 ± 0.283	^{2,3} 0.417 ± 0.292
<i>yeast-1-4-5-8-vs-7</i>	^{2,6,7} 0.119 ± 0.133	¹ 0.022 ± 0.073	¹ 0.027 ± 0.082	^{2,6,7} 0.162 ± 0.072	^{2,7} 0.181 ± 0.090	⁷ 0.145 ± 0.045	¹ 0.157 ± 0.054
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.612 ± 0.134	¹ 0.714 ± 0.146	¹ 0.722 ± 0.140	^{1,2,3} 0.796 ± 0.121	^{all} 0.818 ± 0.116	^{2,3} 0.786 ± 0.138	^{1,2,3} 0.803 ± 0.121
<i>yeast-2-vs-8</i>	¹ 0.408 ± 0.199	¹ 0.587 ± 0.253	¹ 0.591 ± 0.256	^{1,2,3} 0.666 ± 0.196	^{1,2,3} 0.660 ± 0.189	^{1,2,3} 0.658 ± 0.202	^{1,2,3} 0.582 ± 0.172
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,2,3,7} 0.711 ± 0.076	^{1,2,3,7} 0.798 ± 0.071	^{1,2,3,7} 0.798 ± 0.071	^{1,2,3,7} 0.822 ± 0.056	^{1,2,3,7} 0.825 ± 0.054	^{1,2,3,7} 0.812 ± 0.064	¹ 0.814 ± 0.059
<i>glass2</i>	¹ 0.167 ± 0.204	¹ 0.243 ± 0.248	¹ 0.235 ± 0.249	^{1,2,3,6,7} 0.337 ± 0.146	^{1,2,3,6,7} 0.349 ± 0.138	¹ 0.275 ± 0.098	¹ 0.330 ± 0.105
	¹	¹	¹	^{1,2,3,6}	^{1,2,3,6}	¹	^{1,2,3,6}

Table 3: Results for F1 metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.805	3.195	3.659	5.268	5.463	3.512	4.098
	—	—	1,2	1,2,3,6,7	1,2,3,6,7	—	1,2

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>glass-0-1-6-vs-2</i>	0.237 ± 0.249	0.317 ± 0.421	0.353 ± 0.446	0.221 ± 0.117	0.230 ± 0.094	0.157 ± 0.069	0.201 ± 0.064
<i>ecoli-0-3-4-7-vs-5-6</i>	⁶ 0.692 ± 0.154	⁶ 0.891 ± 0.130	⁶ 0.891 ± 0.130	⁶ 0.839 ± 0.134	^{6,7} 0.807 ± 0.143	⁶ 0.800 ± 0.158	⁶ 0.767 ± 0.147
<i>shuttle-c2-vs-c4</i>	^{1,5,6,7} 1.000 ± 0.000	^{1,5,6,7} 1.000 ± 0.000	^{1,5,6,7} 1.000 ± 0.000	^{1,6,7} 0.920 ± 0.271	¹ 0.920 ± 0.271	¹ 0.890 ± 0.289	¹ 0.890 ± 0.289
<i>glass-0-1-4-6-vs-2</i>	0.258 ± 0.269	0.242 ± 0.372	0.238 ± 0.362	0.216 ± 0.108	0.218 ± 0.109	0.148 ± 0.065	0.193 ± 0.076
<i>yeast-1-2-8-9-vs-7</i>	⁶ 0.212 ± 0.140	⁶ 0.353 ± 0.407	⁶ 0.353 ± 0.407	⁶ 0.171 ± 0.079	^{6,7} 0.155 ± 0.061	⁶ 0.098 ± 0.037	⁶ 0.097 ± 0.029
<i>ecoli-0-1-4-6-vs-5</i>	^{4,5,6,7} 0.655 ± 0.218	^{4,5,6,7} 0.896 ± 0.155	^{4,5,6,7} 0.893 ± 0.162	^{6,7} 0.857 ± 0.140	^{6,7} 0.847 ± 0.133	⁶ 0.805 ± 0.160	⁶ 0.829 ± 0.154
<i>glass-0-1-6-vs-5</i>	⁶ 0.680 ± 0.364	^{1,6,7} 0.775 ± 0.292	^{1,6} 0.780 ± 0.285	^{1,6} 0.691 ± 0.334	^{1,6} 0.727 ± 0.315	¹ 0.499 ± 0.264	¹ 0.655 ± 0.292
<i>yeast-2-vs-4</i>	⁶ 0.709 ± 0.097	^{6,7} 0.788 ± 0.116	^{1,4,6,7} 0.788 ± 0.116	⁶ 0.853 ± 0.100	^{6,7} 0.853 ± 0.100	⁶ 0.814 ± 0.123	⁶ 0.765 ± 0.103
<i>glass-0-6-vs-5</i>	⁶ 0.808 ± 0.318	¹ 0.850 ± 0.287	¹ 0.850 ± 0.287	^{1,2,3,6,7} 0.710 ± 0.391	^{1,2,3,6,7} 0.773 ± 0.376	^{1,7} 0.531 ± 0.353	¹ 0.680 ± 0.366
<i>ecoli-0-3-4-6-vs-5</i>	⁶ 0.692 ± 0.204	^{6,7} 0.850 ± 0.198	^{6,7} 0.847 ± 0.199	⁶ 0.843 ± 0.159	^{6,7} 0.800 ± 0.159	⁶ 0.804 ± 0.177	⁶ 0.789 ± 0.164
<i>yeast-0-3-5-9-vs-7-8</i>	⁶ 0.363 ± 0.130	^{1,7} 0.557 ± 0.236	^{1,7} 0.550 ± 0.243	^{1,5,6,7} 0.490 ± 0.157	¹ 0.419 ± 0.160	¹ 0.411 ± 0.176	¹ 0.274 ± 0.100
<i>glass-0-1-5-vs-2</i>	⁷ 0.302 ± 0.304	^{1,5,6,7} 0.260 ± 0.381	^{1,5,6,7} 0.278 ± 0.387	^{1,5,6,7} 0.246 ± 0.135	^{1,7} 0.247 ± 0.099	⁷ 0.182 ± 0.060	⁶ 0.203 ± 0.058
<i>ecoli-0-6-7-vs-5</i>	⁶ 0.794 ± 0.232	⁶ 0.873 ± 0.171	⁶ 0.878 ± 0.158	^{6,7} 0.859 ± 0.170	^{6,7} 0.845 ± 0.171	⁶ 0.800 ± 0.190	⁶ 0.783 ± 0.183
<i>ecoli-0-2-3-4-vs-5</i>	⁶ 0.769 ± 0.174	^{6,7} 0.883 ± 0.167	^{1,6,7} 0.883 ± 0.167	^{6,7} 0.882 ± 0.143	^{6,7} 0.875 ± 0.157	⁶ 0.850 ± 0.154	⁶ 0.847 ± 0.168
<i>ecoli4</i>	⁶ 0.743 ± 0.176	¹ 0.865 ± 0.172	¹ 0.865 ± 0.172	^{1,7} 0.925 ± 0.116	¹ 0.890 ± 0.144	^{1,7} 0.897 ± 0.140	¹ 0.845 ± 0.165
<i>yeast5</i>	⁶ 0.703 ± 0.162	¹ 0.754 ± 0.142	¹ 0.756 ± 0.143	^{1,7} 0.614 ± 0.105	^{1,7} 0.650 ± 0.098	^{1,7} 0.566 ± 0.110	¹ 0.607 ± 0.099
<i>ecoli-0-4-6-vs-5</i>	^{4,5,6,7} 0.744 ± 0.193	^{1,4,5,6,7} 0.870 ± 0.168	^{1,4,5,6,7} 0.871 ± 0.166	⁶ 0.847 ± 0.154	^{4,6,7} 0.833 ± 0.170	⁶ 0.818 ± 0.172	⁶ 0.831 ± 0.170
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	⁶ 0.797 ± 0.142	¹ 0.670 ± 0.131	^{1,6} 0.668 ± 0.127	¹ 0.640 ± 0.275	¹ 0.583 ± 0.273	¹ 0.685 ± 0.148	¹ 0.671 ± 0.099
<i>ecoli-0-1-vs-5</i>	^{all} 0.731 ± 0.181	⁶ 0.908 ± 0.133	⁶ 0.908 ± 0.133	⁶ 0.956 ± 0.097	⁶ 0.945 ± 0.106	⁵ 0.909 ± 0.144	⁵ 0.903 ± 0.156
<i>ecoli-0-2-6-7-vs-3-5</i>	⁶ 0.722 ± 0.252	¹ 0.840 ± 0.195	¹ 0.852 ± 0.194	^{1,2,3,6,7} 0.826 ± 0.199	¹ 0.803 ± 0.179	¹ 0.759 ± 0.219	¹ 0.717 ± 0.210
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	⁶ 0.611 ± 0.157	^{1,7} 0.830 ± 0.149	^{1,7} 0.834 ± 0.147	^{1,6,7} 0.890 ± 0.130	^{1,7} 0.880 ± 0.144	⁷ 0.712 ± 0.191	⁶ 0.714 ± 0.183
<i>shuttle-c0-vs-c4</i>	⁶ 1.000 ± 0.000	^{1,6,7} 1.000 ± 0.000	^{1,6,7} 1.000 ± 0.000	^{1,2,3,6,7} 1.000 ± 0.000	^{1,2,6,7} 1.000 ± 0.000	¹ 1.000 ± 0.000	¹ 1.000 ± 0.000
<i>ecoli-0-6-7-vs-3-5</i>	⁶ 0.735 ± 0.236	⁶ 0.840 ± 0.237	⁶ 0.848 ± 0.227	⁶ 0.839 ± 0.183	⁶ 0.812 ± 0.197	⁶ 0.770 ± 0.215	⁶ 0.721 ± 0.227
<i>vowel0</i>	⁶ 0.911 ± 0.067	^{1,6,7} 0.898 ± 0.071	^{1,6,7} 0.900 ± 0.069	^{1,6,7} 0.918 ± 0.072	⁷ 0.924 ± 0.067	⁷ 0.921 ± 0.073	⁶ 0.924 ± 0.069
<i>glass4</i>	⁶ 0.730 ± 0.276	⁶ 0.773 ± 0.263	⁶ 0.780 ± 0.264	² 0.524 ± 0.284	^{2,3} 0.539 ± 0.290	^{2,3} 0.442 ± 0.253	^{2,3} 0.537 ± 0.251
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.395 ± 0.139	^{4,5,6,7} 0.630 ± 0.201	^{4,5,6,7} 0.620 ± 0.203	⁶ 0.484 ± 0.108	⁶ 0.479 ± 0.119	⁶ 0.339 ± 0.089	⁶ 0.344 ± 0.089
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{6,7} 0.479 ± 0.096	^{1,4,5,6,7} 0.738 ± 0.116	^{1,4,5,6,7} 0.741 ± 0.113	^{1,6,7} 0.712 ± 0.104	^{1,6,7} 0.703 ± 0.104	⁶ 0.662 ± 0.156	⁶ 0.599 ± 0.162
<i>ecoli-0-1-vs-2-3-5</i>	⁶ 0.627 ± 0.198	^{1,5,6,7} 0.818 ± 0.164	^{1,5,6,7} 0.821 ± 0.170	^{1,6,7} 0.939 ± 0.106	^{1,7} 0.941 ± 0.113	^{1,7} 0.797 ± 0.161	¹ 0.816 ± 0.171
<i>ecoli-0-3-4-vs-5</i>	⁶ 0.738 ± 0.200	¹ 0.871 ± 0.169	¹ 0.871 ± 0.169	^{1,2,3,6,7} 0.880 ± 0.149	^{1,2,3,6,7} 0.854 ± 0.196	¹ 0.852 ± 0.162	¹ 0.836 ± 0.198
<i>glass5</i>	⁶ 0.707 ± 0.382	¹ 0.777 ± 0.355	¹ 0.777 ± 0.355	^{1,7} 0.713 ± 0.278	¹ 0.793 ± 0.297	¹ 0.519 ± 0.265	¹ 0.655 ± 0.278
<i>yeast4</i>	⁶ 0.330 ± 0.134	^{4,6,7} 0.525 ± 0.281	^{4,6,7} 0.522 ± 0.275	⁶ 0.331 ± 0.090	^{4,6,7} 0.332 ± 0.095	⁶ 0.211 ± 0.050	⁶ 0.209 ± 0.048
<i>glass-0-4-vs-5</i>	^{6,7} 0.908 ± 0.169	^{1,4,5,6,7} 0.908 ± 0.169	^{1,4,5,6,7} 0.908 ± 0.169	^{6,7} 0.960 ± 0.195	^{6,7} 0.960 ± 0.195	^{6,7} 0.947 ± 0.203	⁶ 0.960 ± 0.195
<i>yeast6</i>	⁶ 0.419 ± 0.182	⁶ 0.706 ± 0.225	⁶ 0.698 ± 0.224	^{1,2,3} 0.386 ± 0.110	^{1,2,3} 0.439 ± 0.106	⁶ 0.266 ± 0.094	^{1,2,3} 0.315 ± 0.095
<i>page-blocks-1-3-vs-4</i>	^{6,7} 0.908 ± 0.102	^{1,4,5,6,7} 0.942 ± 0.084	^{1,4,5,6,7} 0.942 ± 0.084	^{6,7} 0.806 ± 0.252	^{1,4,6,7} 0.969 ± 0.095	⁶ 0.741 ± 0.222	⁶ 0.948 ± 0.119
<i>yeast-1-vs-7</i>	^{4,6} 0.333 ± 0.141	^{1,4,6} 0.455 ± 0.436	^{1,4,6} 0.461 ± 0.432	⁶ 0.210 ± 0.088	^{1,4,6} 0.185 ± 0.084	⁶ 0.172 ± 0.053	^{1,4,6} 0.160 ± 0.043
<i>ecoli-0-1-3-7-vs-2-6</i>	^{4,5,6,7} 0.465 ± 0.340	^{4,5,6,7} 0.423 ± 0.484	^{4,5,6,7} 0.483 ± 0.490	^{5,6,7} 0.538 ± 0.369	⁷ 0.479 ± 0.363	⁶ 0.414 ± 0.319	⁶ 0.348 ± 0.305
<i>yeast-1-4-5-8-vs-7</i>	^{6,7} 0.112 ± 0.127	⁶ 0.067 ± 0.240	⁶ 0.087 ± 0.273	^{6,7} 0.110 ± 0.055	⁷ 0.122 ± 0.063	⁷ 0.084 ± 0.027	⁶ 0.092 ± 0.032
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.611 ± 0.150	⁶ 0.866 ± 0.139	⁶ 0.869 ± 0.133	^{2,3,6,7} 0.892 ± 0.126	^{2,3,4,6,7} 0.870 ± 0.144	² 0.844 ± 0.156	^{2,3} 0.796 ± 0.169
<i>yeast-2-vs-8</i>	⁶ 0.442 ± 0.271	^{1,7} 0.848 ± 0.292	^{1,7} 0.848 ± 0.292	^{1,6,7} 0.913 ± 0.179	^{1,7} 0.902 ± 0.183	¹ 0.862 ± 0.223	¹ 0.705 ± 0.264
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁶ 0.709 ± 0.082	^{1,7} 0.848 ± 0.083	^{1,7} 0.848 ± 0.083	^{1,7} 0.831 ± 0.073	^{1,7} 0.832 ± 0.068	^{1,7} 0.817 ± 0.083	¹ 0.810 ± 0.072
<i>glass2</i>	⁶ 0.172 ± 0.228	^{1,5,6,7} 0.403 ± 0.433	^{1,5,6,7} 0.393 ± 0.436	^{1,7} 0.248 ± 0.129	^{1,7} 0.246 ± 0.106	¹ 0.171 ± 0.065	¹ 0.214 ± 0.073
	⁶ —	^{1,4,5,6,7} —	^{1,6,7} —	^{1,6} —	^{1,6,7} —	⁶ —	^{1,6} —

Table 5: Results for Precision metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.927	5.256	5.500	4.671	4.671	2.573	2.402
	—	1,6,7	1,4,5,6,7	1,6,7	1,6,7	—	—

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>glass-0-1-6-vs-2</i>	0.243 ± 0.247 ^{2,3}	0.153 ± 0.203 [—]	0.160 ± 0.204 [—]	0.615 ± 0.277 ^{1,2,3}	0.657 ± 0.250 ^{1,2,3}	0.720 ± 0.274 ^{1,2,3,4}	0.773 ± 0.221 ^{1,2,3,4,5}
<i>ecoli-0-3-4-7-vs-5-6</i>	0.728 ± 0.182 [—]	0.724 ± 0.182 [—]	0.724 ± 0.182 [—]	0.792 ± 0.159 ^{1,2,3}	0.784 ± 0.154 ^{1,2,3}	0.796 ± 0.157 ^{1,2,3}	0.812 ± 0.151 ^{1,2,3}
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000 [—]	0.980 ± 0.097 [—]	0.980 ± 0.097 [—]	0.890 ± 0.287 ^{1,2,3}	0.890 ± 0.287 ^{1,2,3}	0.890 ± 0.287 ^{1,2,3}	0.890 ± 0.287 ^{1,2,3}
<i>glass-0-1-4-6-vs-2</i>	0.213 ± 0.216 ^{2,3}	0.128 ± 0.187 [—]	0.135 ± 0.199 [—]	0.555 ± 0.262 ^{1,2,3}	0.602 ± 0.266 ^{1,2,3}	0.687 ± 0.302 ^{1,2,3,4,5}	0.753 ± 0.262 ^{1,2,3,4,5}
<i>yeast-1-2-8-9-vs-7</i>	0.280 ± 0.168 ^{2,3}	0.100 ± 0.115 [—]	0.100 ± 0.115 [—]	0.373 ± 0.139 ^{1,2,3}	0.373 ± 0.147 ^{1,2,3}	0.527 ± 0.177 ^{1,2,3,4,5}	0.590 ± 0.200 ^{1,2,3,4,5}
<i>ecoli-0-1-4-6-vs-5</i>	0.615 ± 0.188 ^{2,3}	0.695 ± 0.195 [—]	0.690 ± 0.190 [—]	0.785 ± 0.158 ^{1,2,3}	0.815 ± 0.164 ^{1,2,3}	0.800 ± 0.165 ^{1,2,3,4,5}	0.820 ± 0.166 ^{1,2,3,4,5}
<i>glass-0-1-6-vs-5</i>	0.660 ± 0.366 [—]	0.830 ± 0.293 ¹	0.830 ± 0.293 ¹	0.740 ± 0.320 ^{1,2,3}	0.770 ± 0.319 ^{1,2,3}	0.790 ± 0.284 ^{1,2,3}	0.810 ± 0.280 ^{1,2,3}
<i>yeast-2-vs-4</i>	0.722 ± 0.132 [—]	0.695 ± 0.124 ¹	0.695 ± 0.124 ¹	0.713 ± 0.132 [—]	0.707 ± 0.137 [—]	0.744 ± 0.156 ¹	0.748 ± 0.160 ¹
<i>glass-0-6-vs-5</i>	0.820 ± 0.328 ^{4,5,6,7}	0.890 ± 0.287 ^{4,5,6,7}	0.890 ± 0.287 ^{4,5,6,7}	0.630 ± 0.371 [—]	0.640 ± 0.361 [—]	0.660 ± 0.352 ^{2,3,4,5}	0.660 ± 0.352 ^{2,3,5}
<i>ecoli-0-3-4-6-vs-5</i>	0.680 ± 0.218 ^{4,5,6,7}	0.715 ± 0.234 ^{4,5,6,7}	0.715 ± 0.234 ^{4,5,6,7}	0.805 ± 0.213 [—]	0.835 ± 0.170 [—]	0.810 ± 0.215 [—]	0.840 ± 0.171 [—]
<i>yeast-0-3-5-9-vs-7-8</i>	0.394 ± 0.146 [—]	0.212 ± 0.099 [—]	0.210 ± 0.098 [—]	0.354 ± 0.147 ^{1,2,3}	0.388 ± 0.155 ^{1,2,3}	0.430 ± 0.179 ^{1,2,3}	0.580 ± 0.176 ^{1,2,3}
<i>glass-0-1-5-vs-2</i>	0.262 ± 0.252 ^{2,3}	0.140 ± 0.207 [—]	0.153 ± 0.228 [—]	0.642 ± 0.281 ^{2,3}	0.685 ± 0.241 ^{2,3,4}	0.770 ± 0.241 ^{2,3,4,5}	0.775 ± 0.216 ^{all}
<i>ecoli-0-6-7-vs-5</i>	0.705 ± 0.243 ^{2,3}	0.740 ± 0.239 [—]	0.745 ± 0.237 [—]	0.745 ± 0.203 ^{1,2,3}	0.750 ± 0.200 ^{1,2,3}	0.745 ± 0.203 ^{1,2,3,4,5}	0.765 ± 0.202 ^{1,2,3,4,5}
<i>ecoli-0-2-3-4-vs-5</i>	0.730 ± 0.179 [—]	0.740 ± 0.193 [—]	0.745 ± 0.190 [—]	0.815 ± 0.171 [—]	0.835 ± 0.155 [—]	0.825 ± 0.167 [—]	0.845 ± 0.157 [—]
<i>ecoli4</i>	0.755 ± 0.183 [—]	0.755 ± 0.220 [—]	0.755 ± 0.220 [—]	0.840 ± 0.185 ^{1,2,3}	0.850 ± 0.193 ^{1,2,3}	0.860 ± 0.167 ^{1,2,3}	0.860 ± 0.188 ^{1,2,3}
<i>yeast5</i>	0.648 ± 0.170 [—]	0.637 ± 0.136 [—]	0.642 ± 0.132 [—]	0.867 ± 0.109 ^{1,2,3}	0.881 ± 0.116 ^{1,2,3}	0.892 ± 0.104 ^{1,2,3}	0.892 ± 0.107 ^{1,2,3}
<i>ecoli-0-4-6-vs-5</i>	0.660 ± 0.210 [—]	0.700 ± 0.193 [—]	0.705 ± 0.198 [—]	0.800 ± 0.173 ^{1,2,3}	0.835 ± 0.155 ^{1,2,3}	0.800 ± 0.173 ^{1,2,3,4}	0.845 ± 0.157 ^{1,2,3}
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.782 ± 0.143 [—]	0.804 ± 0.150 [—]	0.806 ± 0.150 [—]	0.312 ± 0.178 ^{1,2,3}	0.318 ± 0.177 ^{1,2,3}	0.793 ± 0.205 ^{1,2,3}	0.829 ± 0.177 ^{1,2,3,4,6}
<i>ecoli-0-1-vs-5</i>	0.655 ± 0.205 ^{4,5}	0.720 ± 0.210 ^{4,5}	0.720 ± 0.210 ^{4,5}	0.795 ± 0.163 [—]	0.810 ± 0.154 [—]	0.820 ± 0.150 ^{4,5}	0.830 ± 0.153 ^{1,4,5}
<i>ecoli-0-2-6-7-vs-3-5</i>	0.659 ± 0.255 [—]	0.684 ± 0.203 ¹	0.689 ± 0.207 ¹	0.693 ± 0.215 ^{1,2,3}	0.704 ± 0.197 ^{1,2,3}	0.711 ± 0.207 ^{1,2,3}	0.717 ± 0.191 ^{1,2,3}
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.632 ± 0.180 [—]	0.637 ± 0.199 [—]	0.647 ± 0.198 [—]	0.723 ± 0.185 [—]	0.731 ± 0.164 [—]	0.723 ± 0.185 [—]	0.731 ± 0.164 [—]
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000 [—]	1.000 ± 0.000 [—]	1.000 ± 0.000 [—]	0.996 ± 0.012 ^{1,2,3}	0.996 ± 0.012 ^{1,2,3}	0.996 ± 0.012 ^{1,2,3}	0.996 ± 0.012 ^{1,2,3}
<i>ecoli-0-6-7-vs-3-5</i>	0.671 ± 0.250 [—]	0.646 ± 0.237 [—]	0.651 ± 0.236 [—]	0.668 ± 0.212 [—]	0.682 ± 0.204 [—]	0.700 ± 0.204 [—]	0.708 ± 0.197 [—]
<i>vowel0</i>	0.936 ± 0.055 [—]	0.927 ± 0.058 [—]	0.927 ± 0.058 [—]	0.726 ± 0.111 [—]	0.723 ± 0.120 [—]	0.790 ± 0.111 [—]	0.762 ± 0.113 [—]
<i>glass4</i>	0.717 ± 0.277 ^{4,5,6,7}	0.687 ± 0.259 ^{4,5,6,7}	0.687 ± 0.259 ^{4,5,6,7}	0.640 ± 0.296 [—]	0.623 ± 0.286 [—]	0.660 ± 0.316 ^{4,5,7}	0.703 ± 0.263 ^{4,5}
<i>yeast-0-5-6-7-9-vs-4</i>	0.412 ± 0.159 ⁵	0.347 ± 0.151 [—]	0.345 ± 0.155 [—]	0.668 ± 0.102 [—]	0.659 ± 0.112 [—]	0.749 ± 0.118 [—]	0.763 ± 0.137 ⁵
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.512 ± 0.097 ^{2,3}	0.475 ± 0.086 [—]	0.475 ± 0.083 [—]	0.555 ± 0.111 ^{1,2,3}	0.550 ± 0.110 ^{1,2,3}	0.585 ± 0.115 ^{1,2,3,4,5}	0.589 ± 0.124 ^{1,2,3,4,5}
<i>ecoli-0-1-vs-2-3-5</i>	0.615 ± 0.230 ^{2,3}	0.656 ± 0.206 [—]	0.655 ± 0.214 [—]	0.719 ± 0.178 ^{1,2,3}	0.715 ± 0.183 ^{1,2,3}	0.723 ± 0.182 ^{1,2,3,4,5}	0.732 ± 0.183 ^{1,2,3,4,5}
<i>ecoli-0-3-4-vs-5</i>	0.690 ± 0.237 [—]	0.750 ± 0.223 [—]	0.755 ± 0.220 [—]	0.810 ± 0.221 ^{1,2,3}	0.840 ± 0.222 ^{1,2,3}	0.815 ± 0.216 ^{1,2,3}	0.840 ± 0.216 ^{1,2,3}
<i>glass5</i>	0.670 ± 0.382 [—]	0.720 ± 0.362 [—]	0.720 ± 0.362 [—]	0.830 ± 0.293 ^{1,2,3}	0.840 ± 0.290 ^{1,2,3}	0.860 ± 0.265 ^{1,2,3}	0.900 ± 0.244 ^{1,2,3}
<i>yeast4</i>	0.364 ± 0.141 [—]	0.204 ± 0.122 [—]	0.200 ± 0.112 [—]	0.566 ± 0.158 ¹	0.556 ± 0.147 ¹	0.695 ± 0.156 ^{1,2,3}	0.703 ± 0.141 ^{1,2,3}
<i>glass-0-4-vs-5</i>	1.000 ± 0.000 ^{2,3}	1.000 ± 0.000 [—]	1.000 ± 0.000 [—]	0.910 ± 0.238 ^{1,2,3}	0.910 ± 0.238 ^{1,2,3}	0.910 ± 0.238 ^{1,2,3,4,5}	0.910 ± 0.238 ^{1,2,3,4,5}
<i>yeast6</i>	0.477 ± 0.182 [—]	0.454 ± 0.177 [—]	0.454 ± 0.177 [—]	0.674 ± 0.189 [—]	0.657 ± 0.176 [—]	0.714 ± 0.178 [—]	0.691 ± 0.188 [—]
<i>page-blocks-1-3-vs-4</i>	0.918 ± 0.131 [—]	0.959 ± 0.107 [—]	0.963 ± 0.105 [—]	0.513 ± 0.232 ^{1,2,3}	0.687 ± 0.218 ^{1,2,3}	0.677 ± 0.244 ^{1,2,3,4,5}	0.784 ± 0.193 ^{1,2,3,5}
<i>yeast-1-vs-7</i>	0.393 ± 0.190 ^{4,5,6,7}	0.113 ± 0.107 ^{4,5,6,7}	0.117 ± 0.106 ^{4,5,6,7}	0.470 ± 0.222 [—]	0.453 ± 0.218 ⁴	0.647 ± 0.217 ⁴	0.653 ± 0.210 ^{4,5,6}
<i>ecoli-0-1-3-7-vs-2-6</i>	0.660 ± 0.417 ^{2,3}	0.350 ± 0.427 [—]	0.400 ± 0.435 [—]	0.700 ± 0.400 ^{1,2,3}	0.700 ± 0.400 ^{2,3}	0.700 ± 0.400 ^{1,2,3,4,5}	0.700 ± 0.400 ^{1,2,3,4,5}
<i>yeast-1-4-5-8-vs-7</i>	0.140 ± 0.157 ^{2,3}	0.013 ± 0.045 [—]	0.017 ± 0.049 [—]	0.330 ± 0.147 ^{2,3}	0.360 ± 0.174 ^{2,3}	0.530 ± 0.175 ^{2,3}	0.543 ± 0.193 ^{2,3}
<i>ecoli-0-1-4-7-vs-5-6</i>	0.656 ± 0.200 ^{2,3}	0.640 ± 0.187 [—]	0.648 ± 0.181 [—]	0.756 ± 0.193 ^{1,2,3}	0.796 ± 0.162 ^{1,2,3}	0.776 ± 0.190 ^{1,2,3,4,5}	0.840 ± 0.149 ^{1,2,3,4,5}
<i>yeast-2-vs-8</i>	0.435 ± 0.233 [—]	0.480 ± 0.254 [—]	0.485 ± 0.256 [—]	0.555 ± 0.219 ^{1,2,3}	0.555 ± 0.219 ^{1,2,3,4}	0.575 ± 0.219 ^{1,2,3}	0.570 ± 0.212 ^{all}
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.721 ± 0.102 [—]	0.762 ± 0.097 [—]	0.762 ± 0.097 [—]	0.819 ± 0.075 ^{1,2,3}	0.822 ± 0.074 ^{1,2,3}	0.814 ± 0.078 ^{1,2,3}	0.823 ± 0.079 ^{1,2,3}
<i>glass2</i>	0.187 ± 0.238 [—]	0.190 ± 0.206 ¹	0.183 ± 0.207 ¹	0.578 ± 0.231 ^{1,2,3}	0.637 ± 0.230 ^{1,2,3}	0.732 ± 0.225 ^{1,2,3}	0.768 ± 0.237 ^{1,2,3}
	—	—	—	1,2,3	1,2,3	1,2,3,4	1,2,3,4,5

Table 7: Results for Recall metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.927	2.683	2.927	3.756	4.366	5.146	6.195
	—	—	—	—	1,2,4	1,2,3,4,5	<i>all</i>

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>glass-0-1-6-vs-2</i>	0.582 ± 0.128	0.569 ± 0.103	0.572 ± 0.105	0.700 ± 0.142	0.720 ± 0.124	0.671 ± 0.127	0.733 ± 0.109
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2,3,6} 0.843 ± 0.085	^{1,2,3,6} 0.857 ± 0.091	^{1,2,3,6} 0.857 ± 0.091	^{1,2,3,6} 0.887 ± 0.080	^{1,2,3,6} 0.881 ± 0.078	^{1,2,3} 0.886 ± 0.080	^{1,2,3,6} 0.891 ± 0.076
<i>shuttle-c2-vs-c4</i>	^{1,2,3} 1.000 ± 0.000	^{1,2,3} 0.990 ± 0.048	^{1,2,3} 0.990 ± 0.048	^{1,2,3} 0.945 ± 0.143	^{1,2,3} 0.945 ± 0.143	^{1,2,3} 0.943 ± 0.144	^{1,2,3} 0.943 ± 0.144
<i>glass-0-1-4-6-vs-2</i>	^{6,7} 0.573 ± 0.117	^{6,7} 0.554 ± 0.093	^{6,7} 0.557 ± 0.098	^{6,7} 0.685 ± 0.130	^{6,7} 0.702 ± 0.131	^{6,7} 0.667 ± 0.140	^{6,7} 0.730 ± 0.134
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,3} 0.622 ± 0.082	^{1,2,3} 0.548 ± 0.057	^{1,2,3} 0.548 ± 0.057	^{1,2,3} 0.654 ± 0.072	^{1,2,3} 0.653 ± 0.072	^{1,2,3} 0.682 ± 0.091	^{1,2,3,5,6} 0.704 ± 0.097
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3} 0.792 ± 0.090	^{2,3} 0.843 ± 0.097	^{2,3} 0.841 ± 0.095	^{1,2,3} 0.886 ± 0.077	^{2,3} 0.901 ± 0.081	^{1,2,3} 0.891 ± 0.080	^{1,2,3,4,5} 0.902 ± 0.082
<i>glass-0-1-6-vs-5</i>	^{1,2,3,6} 0.822 ± 0.182	^{1,2,3,6} 0.908 ± 0.144	^{1,2,3,6} 0.909 ± 0.144	^{1,2,3,6} 0.859 ± 0.159	^{1,2,3,6} 0.877 ± 0.159	^{1,2,3} 0.868 ± 0.139	^{1,2,3,6} 0.892 ± 0.142
<i>yeast-2-vs-4</i>	^{4,6} 0.844 ± 0.064	^{1,4,6} 0.836 ± 0.062	^{1,4,6} 0.836 ± 0.062	^{4,6} 0.849 ± 0.066	^{4,6} 0.846 ± 0.068	⁴ 0.862 ± 0.077	⁶ 0.860 ± 0.076
<i>glass-0-6-vs-5</i>	^{2,3,7} 0.899 ± 0.171	^{2,3,7} 0.937 ± 0.150	^{2,3,7} 0.937 ± 0.150	^{2,3,7} 0.805 ± 0.186	^{2,3,7} 0.815 ± 0.182	^{2,3,7} 0.793 ± 0.179	^{2,3,7} 0.815 ± 0.180
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.821 ± 0.111	^{1,4,5,6,7} 0.850 ± 0.120	^{1,4,5,6,7} 0.849 ± 0.120	⁶ 0.894 ± 0.108	^{4,6} 0.905 ± 0.088	^{4,6} 0.893 ± 0.110	^{5,6} 0.906 ± 0.088
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,3} 0.656 ± 0.070	^{1,2,3} 0.596 ± 0.049	^{1,2,3} 0.595 ± 0.049	^{1,2,3} 0.655 ± 0.068	^{1,2,3} 0.662 ± 0.074	^{1,2,3} 0.672 ± 0.072	^{1,2,3} 0.698 ± 0.078
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.592 ± 0.127	^{2,3} 0.560 ± 0.103	^{2,3} 0.567 ± 0.114	^{2,3} 0.708 ± 0.143	^{2,3} 0.725 ± 0.122	^{2,3} 0.695 ± 0.112	^{all} 0.719 ± 0.105
<i>ecoli-0-6-7-vs-5</i>	^{1,2,3} 0.842 ± 0.121	^{1,2,3} 0.864 ± 0.121	^{1,2,3} 0.866 ± 0.119	^{1,2,3} 0.865 ± 0.103	^{1,2,3} 0.867 ± 0.101	^{1,2,3} 0.861 ± 0.103	^{1,2,3} 0.871 ± 0.103
<i>ecoli-0-2-3-4-vs-5</i>	^{1,6} 0.850 ± 0.087	^{1,6} 0.864 ± 0.099	^{1,6} 0.866 ± 0.098	⁶ 0.901 ± 0.087	⁶ 0.909 ± 0.078	⁶ 0.903 ± 0.085	³ 0.912 ± 0.081
<i>ecoli4</i>	^{1,2} 0.868 ± 0.091	^{1,2} 0.873 ± 0.110	^{1,2} 0.873 ± 0.110	^{1,2} 0.917 ± 0.092	^{1,2,3} 0.921 ± 0.096	^{1,2,3} 0.926 ± 0.081	^{1,2,3} 0.924 ± 0.093
<i>yeast5</i>	^{1,2,3} 0.819 ± 0.085	^{1,2,3} 0.815 ± 0.068	^{1,2,3} 0.817 ± 0.065	^{1,2,3} 0.924 ± 0.054	^{1,2,3} 0.933 ± 0.058	^{1,2,3} 0.935 ± 0.051	^{1,2,3} 0.937 ± 0.053
<i>ecoli-0-4-6-vs-5</i>	^{1,2,3,4} 0.814 ± 0.102	^{1,2,3,4} 0.842 ± 0.096	^{1,2,3,4} 0.845 ± 0.097	^{1,2,3,4} 0.891 ± 0.087	^{1,2,3,4} 0.907 ± 0.081	^{1,2,3} 0.888 ± 0.089	^{1,2,3,5} 0.911 ± 0.081
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,3,6} 0.881 ± 0.072	^{1,2,3,6} 0.882 ± 0.074	^{1,2,3,6} 0.883 ± 0.074	^{1,2,3,6,7} 0.649 ± 0.088	^{1,2,3,6,7} 0.648 ± 0.089	^{1,2,3} 0.880 ± 0.100	^{1,2,3,6} 0.895 ± 0.086
<i>ecoli-0-1-vs-5</i>	^{4,5} 0.814 ± 0.099	^{1,4,5} 0.856 ± 0.104	^{1,4,5} 0.856 ± 0.104	^{4,5} 0.895 ± 0.081	^{4,5} 0.902 ± 0.077	^{4,5} 0.905 ± 0.074	^{4,5} 0.909 ± 0.077
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2,3} 0.813 ± 0.129	^{1,2,3} 0.833 ± 0.102	^{1,2,3} 0.836 ± 0.104	^{1,2,3} 0.838 ± 0.110	^{1,2,3} 0.842 ± 0.101	^{1,2,3} 0.840 ± 0.106	^{1,2,3} 0.839 ± 0.098
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,7} 0.796 ± 0.092	^{1,7} 0.812 ± 0.099	^{1,7} 0.817 ± 0.098	^{1,7} 0.857 ± 0.092	^{1,7} 0.860 ± 0.082	^{1,7} 0.845 ± 0.092	⁴ 0.849 ± 0.082
<i>shuttle-c0-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	^{1,2,3,6,7} 0.998 ± 0.006	^{1,2,3,6,7} 0.998 ± 0.006	^{1,2,3,6,7} 0.998 ± 0.006	^{1,2} 0.998 ± 0.006
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,3} 0.821 ± 0.123	^{1,2,3} 0.817 ± 0.117	^{1,2,3} 0.820 ± 0.116	^{1,2,3} 0.825 ± 0.107	^{1,2,3} 0.831 ± 0.104	^{1,2,3} 0.836 ± 0.104	^{1,2,3} 0.835 ± 0.103
<i>vowel0</i>	^{1,2,3} 0.963 ± 0.028	^{1,2,3} 0.958 ± 0.028	^{1,2,3} 0.958 ± 0.028	^{1,2,3} 0.859 ± 0.054	^{1,2,3} 0.858 ± 0.059	^{1,2,3} 0.891 ± 0.054	^{1,2,3} 0.878 ± 0.055
<i>glass4</i>	^{4,5,6,7} 0.846 ± 0.136	^{4,5,6,7} 0.836 ± 0.129	^{4,5,6,7} 0.836 ± 0.129	^{4,5,6,7} 0.796 ± 0.151	^{4,5,6,7} 0.791 ± 0.146	^{4,5} 0.797 ± 0.160	^{4,5} 0.829 ± 0.135
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6} 0.670 ± 0.077	^{4,5,6} 0.661 ± 0.073	^{4,5,6} 0.660 ± 0.075	^{4,5,6} 0.792 ± 0.046	^{4,5,6} 0.786 ± 0.052	^{4,5,6} 0.788 ± 0.054	^{4,6} 0.795 ± 0.066
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,3} 0.725 ± 0.050	^{1,2,3} 0.728 ± 0.043	^{1,2,3} 0.728 ± 0.041	^{1,2,3} 0.765 ± 0.055	^{1,2,3} 0.762 ± 0.055	^{1,2,3} 0.773 ± 0.052	^{1,2,3} 0.768 ± 0.060
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,3,5} 0.786 ± 0.114	^{1,2,3,5} 0.820 ± 0.103	^{1,2,3,5} 0.819 ± 0.106	^{1,2,3,5} 0.857 ± 0.088	^{1,2,3,5} 0.855 ± 0.091	^{1,2,3,5} 0.850 ± 0.091	^{1,2,3,5} 0.856 ± 0.092
<i>ecoli-0-3-4-vs-5</i>	^{1,2,3,6,7} 0.828 ± 0.116	^{1,2,3,6,7} 0.868 ± 0.114	^{1,2,3,6,7} 0.871 ± 0.113	^{1,2,3,6,7} 0.898 ± 0.111	^{1,2,3,6,7} 0.911 ± 0.112	^{1,2,3} 0.899 ± 0.109	^{1,2,3,5} 0.910 ± 0.109
<i>glass5</i>	^{1,2,3} 0.831 ± 0.189	^{1,2,3} 0.858 ± 0.180	^{1,2,3} 0.858 ± 0.180	^{1,2,3} 0.907 ± 0.143	^{1,2,3} 0.915 ± 0.144	^{1,2,3} 0.907 ± 0.131	^{1,2} 0.938 ± 0.122
<i>yeast4</i>	^{1,5,6} 0.668 ± 0.071	^{1,5,6} 0.598 ± 0.061	^{1,5,6} 0.596 ± 0.056	^{1,5,6} 0.761 ± 0.076	^{1,4,6} 0.757 ± 0.072	⁴ 0.799 ± 0.072	^{1,5,6} 0.803 ± 0.068
<i>glass-0-4-vs-5</i>	^{1,2,3,4,5} 0.992 ± 0.016	^{1,2,3,4,5} 0.992 ± 0.016	^{1,2,3,4,5} 0.992 ± 0.016	^{1,2,3} 0.954 ± 0.121	^{1,2,3} 0.955 ± 0.119	^{1,2,3,4,5} 0.953 ± 0.123	^{1,2,3,4,5} 0.954 ± 0.121
<i>yeast6</i>	^{1,2,3} 0.729 ± 0.089	^{1,2,3} 0.724 ± 0.088	^{1,2,3} 0.724 ± 0.088	^{1,2,3} 0.823 ± 0.093	^{1,2,3} 0.818 ± 0.086	^{1,2,3} 0.831 ± 0.086	^{1,2,3} 0.826 ± 0.091
<i>page-blocks-1-3-vs-4</i>	^{1,2,3} 0.956 ± 0.064	^{1,2,3} 0.977 ± 0.054	^{1,2,3} 0.979 ± 0.052	^{1,2,3} 0.753 ± 0.116	^{1,2,3} 0.843 ± 0.109	^{1,2,3} 0.829 ± 0.121	^{1,2,3} 0.890 ± 0.097
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.669 ± 0.095	^{1,4,5,6,7} 0.553 ± 0.054	^{1,4,5,6,7} 0.555 ± 0.053	⁴ 0.671 ± 0.107	⁴ 0.655 ± 0.107	⁴ 0.711 ± 0.099	^{4,5,6} 0.705 ± 0.097
<i>ecoli-0-1-3-7-vs-2-6</i>	^{2,3} 0.820 ± 0.209	^{2,3} 0.674 ± 0.213	^{2,3} 0.699 ± 0.218	^{2,3,5} 0.840 ± 0.200	^{2,3} 0.836 ± 0.199	^{1,2,3,4,5} 0.835 ± 0.196	^{2,3,4,5} 0.826 ± 0.195
<i>yeast-1-4-5-8-vs-7</i>	^{2,3,7} 0.546 ± 0.078	^{2,3,7} 0.505 ± 0.022	^{2,3,7} 0.506 ± 0.025	^{2,3,5,6,7} 0.601 ± 0.075	^{2,3,7} 0.619 ± 0.090	^{2,3,7} 0.633 ± 0.085	^{1,2,3} 0.649 ± 0.097
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2,3,4} 0.809 ± 0.095	^{1,2,3,4} 0.815 ± 0.092	^{1,2,3,4} 0.819 ± 0.089	^{1,2,3} 0.873 ± 0.094	^{1,2,3,4} 0.892 ± 0.080	^{1,2,3,4} 0.880 ± 0.093	^{1,2,3,4,5} 0.909 ± 0.074
<i>yeast-2-vs-8</i>	^{1,2,3,6} 0.704 ± 0.113	^{1,2,3,6} 0.739 ± 0.126	^{1,2,3,6} 0.741 ± 0.128	^{1,2,3} 0.776 ± 0.110	^{1,2,3,6} 0.776 ± 0.109	^{1,2,3} 0.784 ± 0.111	^{1,2,3} 0.776 ± 0.103
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,2,3,7} 0.844 ± 0.051	^{1,2,3,7} 0.873 ± 0.048	^{1,2,3,7} 0.873 ± 0.048	^{1,2,3,7} 0.900 ± 0.037	^{1,2,3} 0.902 ± 0.037	^{1,2,3,7} 0.896 ± 0.038	^{1,5} 0.901 ± 0.040
<i>glass2</i>	^{1,2,3} 0.561 ± 0.118	^{1,2,3} 0.587 ± 0.102	^{1,2,3} 0.584 ± 0.102	^{1,2,3} 0.706 ± 0.117	^{1,2,3,6} 0.728 ± 0.121	^{1,2,3} 0.705 ± 0.125	^{1,2,3} 0.757 ± 0.118
	^{1,2,3}	^{1,2,3}	^{1,2,3}	^{1,2,3}	^{1,2,3}	^{1,2,3}	^{1,2,3,4,6}

Table 9: Results for AUC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.683	2.780	3.122	4.220	4.732	4.634	5.829
	—	—	2	1,2	1,2,3,4	1,2,3	<i>all</i>

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>glass-0-1-6-vs-2</i>	0.358 ± 0.310	0.243 ± 0.303	0.255 ± 0.305	0.664 ± 0.203	0.696 ± 0.167	0.638 ± 0.174	0.720 ± 0.112
<i>ecoli-0-3-4-7-vs-5-6</i>	0.828 ± 0.102	0.839 ± 0.109	0.839 ± 0.109	0.877 ± 0.092	0.871 ± 0.090	0.877 ± 0.090	0.884 ± 0.084
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	0.988 ± 0.057	0.988 ± 0.057	0.902 ± 0.275	0.902 ± 0.275	0.901 ± 0.275	0.901 ± 0.275
<i>glass-0-1-4-6-vs-2</i>	0.336 ± 0.298	0.209 ± 0.285	0.214 ± 0.292	0.632 ± 0.224	0.654 ± 0.226	0.623 ± 0.212	0.709 ± 0.167
<i>yeast-1-2-8-9-vs-7</i>	0.475 ± 0.209	0.216 ± 0.230	0.216 ± 0.230	0.580 ± 0.115	0.569 ± 0.154	0.653 ± 0.119	0.679 ± 0.139
<i>ecoli-0-1-4-6-vs-5</i>	0.756 ± 0.151	0.821 ± 0.121	0.818 ± 0.119	0.876 ± 0.089	0.892 ± 0.092	0.881 ± 0.092	0.893 ± 0.093
<i>glass-0-1-6-vs-5</i>	0.729 ± 0.343	0.869 ± 0.249	0.869 ± 0.249	0.805 ± 0.273	0.826 ± 0.276	0.836 ± 0.215	0.861 ± 0.221
<i>yeast-2-vs-4</i>	0.831 ± 0.076	0.820 ± 0.079	0.820 ± 0.079	0.835 ± 0.077	0.831 ± 0.080	0.848 ± 0.090	0.848 ± 0.089
<i>glass-0-6-vs-5</i>	0.846 ± 0.301	0.897 ± 0.273	0.897 ± 0.273	0.702 ± 0.353	0.719 ± 0.341	0.715 ± 0.316	0.732 ± 0.325
<i>ecoli-0-3-4-6-vs-5</i>	0.796 ± 0.143	0.826 ± 0.150	0.826 ± 0.149	0.880 ± 0.127	0.897 ± 0.098	0.880 ± 0.129	0.899 ± 0.099
<i>yeast-0-3-5-9-vs-7-8</i>	0.588 ± 0.119	0.436 ± 0.131	0.434 ± 0.130	0.563 ± 0.140	0.584 ± 0.141	0.603 ± 0.144	0.675 ± 0.106
<i>glass-0-1-5-vs-2</i>	0.389 ± 0.300	0.218 ± 0.298	0.233 ± 0.309	0.674 ± 0.200	0.705 ± 0.161	0.676 ± 0.113	0.706 ± 0.108
<i>ecoli-0-6-7-vs-5</i>	0.811 ± 0.182	0.842 ± 0.151	0.845 ± 0.149	0.848 ± 0.126	0.850 ± 0.124	0.844 ± 0.126	0.856 ± 0.125
<i>ecoli-0-2-3-4-vs-5</i>	0.834 ± 0.109	0.847 ± 0.121	0.850 ± 0.120	0.891 ± 0.099	0.902 ± 0.087	0.895 ± 0.096	0.906 ± 0.089
<i>ecoli4</i>	0.854 ± 0.106	0.854 ± 0.134	0.854 ± 0.134	0.907 ± 0.110	0.911 ± 0.115	0.918 ± 0.092	0.915 ± 0.111
<i>yeast5</i>	0.793 ± 0.113	0.791 ± 0.085	0.794 ± 0.082	0.921 ± 0.059	0.929 ± 0.063	0.932 ± 0.055	0.934 ± 0.058
<i>ecoli-0-4-6-vs-5</i>	0.787 ± 0.136	0.821 ± 0.120	0.824 ± 0.121	0.881 ± 0.099	0.900 ± 0.089	0.879 ± 0.100	0.905 ± 0.090
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.871 ± 0.081	0.874 ± 0.083	0.876 ± 0.083	0.516 ± 0.202	0.523 ± 0.192	0.861 ± 0.159	0.886 ± 0.106
<i>ecoli-0-1-vs-5</i>	0.788 ± 0.125	0.834 ± 0.131	0.834 ± 0.131	0.885 ± 0.093	0.893 ± 0.087	0.897 ± 0.084	0.902 ± 0.087
<i>ecoli-0-2-6-7-vs-3-5</i>	0.771 ± 0.207	0.809 ± 0.128	0.812 ± 0.130	0.814 ± 0.139	0.821 ± 0.124	0.820 ± 0.131	0.822 ± 0.119
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.770 ± 0.117	0.781 ± 0.134	0.787 ± 0.133	0.838 ± 0.118	0.844 ± 0.101	0.827 ± 0.117	0.835 ± 0.100
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000	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-0-6-7-vs-3-5</i>	0.780 ± 0.206	0.772 ± 0.201	0.776 ± 0.201	0.799 ± 0.136	0.807 ± 0.130	0.815 ± 0.130	0.816 ± 0.125
<i>vowel0</i>	0.962 ± 0.029	0.957 ± 0.029	0.957 ± 0.030	0.846 ± 0.065	0.845 ± 0.070	0.883 ± 0.061	0.867 ± 0.064
<i>glass4</i>	0.813 ± 0.193	0.796 ± 0.208	0.796 ± 0.208	0.738 ± 0.257	0.731 ± 0.253	0.740 ± 0.263	0.793 ± 0.208
<i>yeast-0-5-6-7-9-vs-4</i>	0.605 ± 0.121	0.565 ± 0.134	0.563 ± 0.135	0.780 ± 0.056	0.772 ± 0.062	0.782 ± 0.057	0.789 ± 0.070
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.690 ± 0.067	0.680 ± 0.061	0.680 ± 0.060	0.731 ± 0.074	0.728 ± 0.075	0.746 ± 0.070	0.742 ± 0.078
<i>ecoli-0-1-vs-2-3-5</i>	0.746 ± 0.175	0.791 ± 0.137	0.790 ± 0.143	0.838 ± 0.109	0.836 ± 0.112	0.833 ± 0.110	0.839 ± 0.111
<i>ecoli-0-3-4-vs-5</i>	0.802 ± 0.148	0.849 ± 0.140	0.852 ± 0.139	0.884 ± 0.135	0.893 ± 0.169	0.885 ± 0.132	0.892 ± 0.166
<i>glass5</i>	0.729 ± 0.364	0.776 ± 0.337	0.776 ± 0.337	0.868 ± 0.248	0.877 ± 0.249	0.880 ± 0.213	0.913 ± 0.209
<i>yeast4</i>	0.581 ± 0.126	0.418 ± 0.166	0.419 ± 0.150	0.727 ± 0.104	0.722 ± 0.102	0.786 ± 0.089	0.792 ± 0.081
<i>glass-0-4-vs-5</i>	0.991 ± 0.017	0.991 ± 0.017	0.991 ± 0.017	0.931 ± 0.209	0.931 ± 0.209	0.930 ± 0.208	0.931 ± 0.209
<i>yeast6</i>	0.670 ± 0.136	0.658 ± 0.138	0.657 ± 0.138	0.801 ± 0.118	0.794 ± 0.111	0.815 ± 0.107	0.806 ± 0.114
<i>page-blocks-1-3-vs-4</i>	0.952 ± 0.072	0.975 ± 0.059	0.977 ± 0.058	0.684 ± 0.202	0.816 ± 0.138	0.800 ± 0.152	0.876 ± 0.121
<i>yeast-1-vs-7</i>	0.582 ± 0.181	0.253 ± 0.220	0.261 ± 0.218	0.620 ± 0.151	0.599 ± 0.165	0.693 ± 0.121	0.691 ± 0.113
<i>ecoli-0-1-3-7-vs-2-6</i>	0.695 ± 0.405	0.387 ± 0.446	0.441 ± 0.452	0.734 ± 0.383	0.731 ± 0.381	0.729 ± 0.380	0.722 ± 0.376
<i>yeast-1-4-5-8-vs-7</i>	0.261 ± 0.254	0.033 ± 0.110	0.041 ± 0.122	0.519 ± 0.134	0.538 ± 0.166	0.615 ± 0.103	0.625 ± 0.134
<i>ecoli-0-1-4-7-vs-5-6</i>	0.784 ± 0.121	0.786 ± 0.123	0.792 ± 0.119	0.857 ± 0.112	0.882 ± 0.090	0.866 ± 0.114	0.903 ± 0.082
<i>yeast-2-vs-8</i>	0.598 ± 0.252	0.648 ± 0.242	0.651 ± 0.244	0.728 ± 0.153	0.728 ± 0.153	0.740 ± 0.153	0.733 ± 0.143
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.832 ± 0.061	0.864 ± 0.056	0.864 ± 0.056	0.896 ± 0.041	0.897 ± 0.041	0.892 ± 0.042	0.896 ± 0.043
<i>glass2</i>	0.276 ± 0.311	0.307 ± 0.303	0.296 ± 0.303	0.669 ± 0.183	0.705 ± 0.163	0.689 ± 0.152	0.743 ± 0.130

Table 11: Results for GMEAN metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.732	2.707	3.122	4.073	4.610	4.780	5.976
	—	—	2	1,2	1,2,3,4	1,2,3,4	<i>all</i>

Table 12: Results for mean ranks according to GMEAN metric