

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	0.570 ± 0.114	0.575 ± 0.113	0.709 ± 0.126	0.732 ± 0.109	0.687 ± 0.112	0.725 ± 0.099
<i>ecoli-0-3-4-7-vs-5-6</i>	0.843 ± 0.085	0.853 ± 0.088	0.869 ± 0.078	0.888 ± 0.081	0.885 ± 0.081	0.889 ± 0.080	0.892 ± 0.077
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	0.970 ± 0.107	0.970 ± 0.107	0.945 ± 0.143	0.945 ± 0.143	0.948 ± 0.141	0.948 ± 0.141
<i>glass-0-1-4-6-vs-2</i>	0.573 ± 0.117	0.567 ± 0.099	0.574 ± 0.108	0.712 ± 0.115	0.715 ± 0.120	0.690 ± 0.097	0.731 ± 0.123
<i>yeast-1-2-8-9-vs-7</i>	0.622 ± 0.082	0.554 ± 0.056	0.560 ± 0.057	0.670 ± 0.080	0.669 ± 0.075	0.697 ± 0.086	0.705 ± 0.086
<i>ecoli-0-1-4-6-vs-5</i>	0.792 ± 0.090	0.843 ± 0.088	0.842 ± 0.088	0.893 ± 0.077	0.903 ± 0.078	0.897 ± 0.077	0.905 ± 0.075
<i>glass-0-1-6-vs-5</i>	0.822 ± 0.182	0.919 ± 0.142	0.934 ± 0.135	0.870 ± 0.159	0.890 ± 0.159	0.869 ± 0.141	0.908 ± 0.138
<i>yeast-2-vs-4</i>	0.844 ± 0.064	0.829 ± 0.067	0.834 ± 0.066	0.852 ± 0.067	0.851 ± 0.066	0.872 ± 0.071	0.869 ± 0.074
<i>glass-0-6-vs-5</i>	0.899 ± 0.171	0.928 ± 0.144	0.933 ± 0.142	0.804 ± 0.179	0.822 ± 0.173	0.805 ± 0.168	0.839 ± 0.169
<i>ecoli-0-3-4-6-vs-5</i>	0.821 ± 0.111	0.841 ± 0.121	0.848 ± 0.123	0.897 ± 0.098	0.903 ± 0.089	0.900 ± 0.100	0.906 ± 0.090
<i>yeast-0-3-5-9-vs-7-8</i>	0.656 ± 0.070	0.594 ± 0.053	0.599 ± 0.056	0.657 ± 0.070	0.668 ± 0.072	0.680 ± 0.078	0.703 ± 0.071
<i>glass-0-1-5-vs-2</i>	0.592 ± 0.127	0.567 ± 0.109	0.579 ± 0.114	0.722 ± 0.134	0.723 ± 0.124	0.690 ± 0.099	0.701 ± 0.108
<i>ecoli-0-6-7-vs-5</i>	0.842 ± 0.121	0.870 ± 0.115	0.869 ± 0.116	0.873 ± 0.101	0.874 ± 0.101	0.869 ± 0.105	0.880 ± 0.104
<i>ecoli-0-2-3-4-vs-5</i>	0.850 ± 0.087	0.857 ± 0.095	0.860 ± 0.094	0.905 ± 0.084	0.913 ± 0.079	0.902 ± 0.085	0.914 ± 0.080
<i>ecoli4</i>	0.868 ± 0.091	0.869 ± 0.106	0.873 ± 0.109	0.922 ± 0.082	0.923 ± 0.097	0.928 ± 0.077	0.926 ± 0.090
<i>yeast5</i>	0.819 ± 0.085	0.811 ± 0.072	0.820 ± 0.071	0.939 ± 0.049	0.937 ± 0.055	0.944 ± 0.042	0.940 ± 0.051
<i>ecoli-0-4-6-vs-5</i>	0.814 ± 0.102	0.845 ± 0.093	0.851 ± 0.095	0.891 ± 0.085	0.908 ± 0.081	0.890 ± 0.086	0.910 ± 0.082
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.881 ± 0.072	0.884 ± 0.074	0.888 ± 0.071	0.650 ± 0.090	0.650 ± 0.092	0.893 ± 0.079	0.896 ± 0.085
<i>ecoli-0-1-vs-5</i>	0.814 ± 0.099	0.848 ± 0.094	0.856 ± 0.100	0.903 ± 0.076	0.907 ± 0.075	0.909 ± 0.072	0.912 ± 0.073
<i>ecoli-0-2-6-7-vs-3-5</i>	0.813 ± 0.129	0.833 ± 0.111	0.837 ± 0.108	0.839 ± 0.106	0.842 ± 0.099	0.846 ± 0.103	0.837 ± 0.101
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.796 ± 0.092	0.811 ± 0.096	0.816 ± 0.097	0.858 ± 0.086	0.859 ± 0.080	0.842 ± 0.086	0.848 ± 0.080
<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	0.830 ± 0.117	0.838 ± 0.113	0.827 ± 0.105	0.831 ± 0.105	0.844 ± 0.104	0.835 ± 0.103
<i>vowel0</i>	0.963 ± 0.028	0.961 ± 0.029	0.962 ± 0.028	0.842 ± 0.056	0.835 ± 0.066	0.887 ± 0.059	0.877 ± 0.065
<i>glass4</i>	0.846 ± 0.136	0.841 ± 0.124	0.851 ± 0.121	0.791 ± 0.148	0.803 ± 0.152	0.799 ± 0.161	0.853 ± 0.134
<i>yeast-0-5-6-7-9-vs-4</i>	0.670 ± 0.077	0.664 ± 0.073	0.663 ± 0.071	0.793 ± 0.046	0.790 ± 0.050	0.789 ± 0.055	0.802 ± 0.056
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.725 ± 0.050	0.732 ± 0.044	0.737 ± 0.044	0.767 ± 0.058	0.771 ± 0.056	0.772 ± 0.056	0.774 ± 0.061
<i>ecoli-0-1-vs-2-3-5</i>	0.786 ± 0.114	0.809 ± 0.105	0.809 ± 0.106	0.859 ± 0.086	0.859 ± 0.089	0.850 ± 0.090	0.856 ± 0.092
<i>ecoli-0-3-4-vs-5</i>	0.828 ± 0.116	0.869 ± 0.116	0.869 ± 0.116	0.904 ± 0.109	0.911 ± 0.112	0.906 ± 0.108	0.910 ± 0.109
<i>glass5</i>	0.831 ± 0.189	0.878 ± 0.174	0.893 ± 0.173	0.910 ± 0.141	0.913 ± 0.143	0.913 ± 0.112	0.930 ± 0.123
<i>yeast4</i>	0.668 ± 0.071	0.591 ± 0.057	0.599 ± 0.059	0.772 ± 0.078	0.766 ± 0.078	0.819 ± 0.069	0.830 ± 0.071
<i>glass-0-4-vs-5</i>	0.992 ± 0.016	0.992 ± 0.016	0.992 ± 0.016	0.914 ± 0.148	0.915 ± 0.146	0.915 ± 0.149	0.918 ± 0.148
<i>yeast6</i>	0.729 ± 0.089	0.732 ± 0.086	0.733 ± 0.086	0.832 ± 0.089	0.826 ± 0.086	0.847 ± 0.076	0.829 ± 0.086
<i>page-blocks-1-3-vs-4</i>	0.956 ± 0.064	0.978 ± 0.053	0.980 ± 0.052	0.723 ± 0.108	0.823 ± 0.103	0.812 ± 0.121	0.885 ± 0.089
<i>yeast-1-vs-7</i>	0.669 ± 0.095	0.551 ± 0.059	0.559 ± 0.061	0.675 ± 0.103	0.657 ± 0.104	0.718 ± 0.091	0.708 ± 0.090
<i>ecoli-0-1-3-7-vs-2-6</i>	0.820 ± 0.209	0.652 ± 0.206	0.652 ± 0.206	0.838 ± 0.199	0.833 ± 0.199	0.833 ± 0.195	0.823 ± 0.195
<i>yeast-1-4-5-8-vs-7</i>	0.546 ± 0.078	0.501 ± 0.011	0.503 ± 0.016	0.620 ± 0.091	0.624 ± 0.091	0.651 ± 0.101	0.655 ± 0.087
<i>ecoli-0-1-4-7-vs-5-6</i>	0.809 ± 0.095	0.820 ± 0.092	0.836 ± 0.097	0.881 ± 0.092	0.896 ± 0.079	0.886 ± 0.096	0.904 ± 0.079
<i>yeast-2-vs-8</i>	0.704 ± 0.113	0.751 ± 0.121	0.756 ± 0.123	0.776 ± 0.110	0.773 ± 0.114	0.781 ± 0.114	0.773 ± 0.117
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.844 ± 0.051	0.872 ± 0.047	0.876 ± 0.048	0.900 ± 0.037	0.902 ± 0.037	0.896 ± 0.038	0.900 ± 0.039
<i>glass2</i>	0.561 ± 0.118	0.549 ± 0.077	0.551 ± 0.077	0.725 ± 0.110	0.746 ± 0.112	0.697 ± 0.097	0.767 ± 0.096

Table 1: Results for BAC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.488	2.622	3.354	4.171	4.732	4.854	5.780
	—	—	1,2	1,2	1,2,3,4	1,2,3,4	<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	0.199 ± 0.280	0.208 ± 0.272	0.309 ± 0.117	0.327 ± 0.097	0.256 ± 0.077	0.285 ± 0.071
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.686 ± 0.108	[−] 0.785 ± 0.124	[−] 0.804 ± 0.106	^{1,2,3,6} 0.798 ± 0.122	^{1,2,3,6,7} 0.788 ± 0.123	[−] 0.788 ± 0.130	^{2,3,6} 0.774 ± 0.118
<i>shuttle-c2-vs-c4</i>	¹ 1.000 ± 0.000	¹ 0.947 ± 0.203	¹ 0.947 ± 0.203	¹ 0.900 ± 0.276	¹ 0.900 ± 0.276	¹ 0.889 ± 0.278	¹ 0.889 ± 0.278
<i>glass-0-1-4-6-vs-2</i>	^{6,7} 0.220 ± 0.210	[−] 0.187 ± 0.243	[−] 0.205 ± 0.261	[−] 0.317 ± 0.113	[−] 0.315 ± 0.129	[−] 0.247 ± 0.068	[−] 0.285 ± 0.098
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.233 ± 0.137	[−] 0.172 ± 0.170	[−] 0.191 ± 0.168	^{1,2,3,6} 0.217 ± 0.083	^{1,2,3,6,7} 0.208 ± 0.074	[−] 0.148 ± 0.043	^{1,2,3,6} 0.141 ± 0.036
<i>ecoli-0-1-4-6-vs-5</i>	^{2,6,7} 0.606 ± 0.149	[−] 0.779 ± 0.142	[−] 0.772 ± 0.144	^{6,7} 0.808 ± 0.108	^{6,7} 0.814 ± 0.112	[−] 0.782 ± 0.113	[−] 0.798 ± 0.114
<i>glass-0-1-6-vs-5</i>	[−] 0.631 ± 0.314	¹ 0.791 ± 0.258	¹ 0.810 ± 0.252	^{1,6} 0.653 ± 0.266	^{1,3,6,7} 0.721 ± 0.286	¹ 0.522 ± 0.208	¹ 0.690 ± 0.260
<i>yeast-2-vs-4</i>	⁶ 0.707 ± 0.087	^{1,4,6,7} 0.720 ± 0.104	^{1,4,5,6,7} 0.724 ± 0.102	⁶ 0.770 ± 0.096	^{4,6,7} 0.771 ± 0.093	[−] 0.759 ± 0.104	⁶ 0.745 ± 0.095
<i>glass-0-6-vs-5</i>	[−] 0.793 ± 0.302	[−] 0.853 ± 0.249	[−] 0.860 ± 0.248	^{1,2,3,7} 0.637 ± 0.331	^{1,2,3,7} 0.691 ± 0.321	^{1,2,3,7} 0.531 ± 0.267	^{1,2,3} 0.664 ± 0.296
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.665 ± 0.186	^{4,5,6,7} 0.750 ± 0.202	^{4,5,6,7} 0.755 ± 0.204	⁶ 0.805 ± 0.151	^{6,7} 0.792 ± 0.147	[−] 0.798 ± 0.155	⁶ 0.789 ± 0.146
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.366 ± 0.116	¹ 0.291 ± 0.140	¹ 0.301 ± 0.142	^{1,2} 0.391 ± 0.128	¹ 0.395 ± 0.125	^{1,2} 0.372 ± 0.114	¹ 0.350 ± 0.092
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.249 ± 0.210	[−] 0.185 ± 0.251	[−] 0.215 ± 0.263	^{2,3,7} 0.341 ± 0.132	^{2,3,7} 0.337 ± 0.119	^{2,3} 0.276 ± 0.068	² 0.289 ± 0.079
<i>ecoli-0-6-7-vs-5</i>	[−] 0.726 ± 0.208	[−] 0.796 ± 0.176	[−] 0.791 ± 0.182	^{1,2,3,6,7} 0.788 ± 0.156	^{1,2,3,6,7} 0.784 ± 0.166	^{2,3} 0.757 ± 0.172	^{2,3} 0.767 ± 0.174
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.730 ± 0.140	^{1,6,7} 0.789 ± 0.151	^{1,6,7} 0.793 ± 0.150	^{1,6} 0.836 ± 0.126	⁶ 0.837 ± 0.124	[−] 0.820 ± 0.132	[−] 0.830 ± 0.126
<i>ecoli4</i>	[−] 0.732 ± 0.138	¹ 0.786 ± 0.158	¹ 0.785 ± 0.165	^{1,2,3} 0.868 ± 0.112	^{1,2,3} 0.846 ± 0.153	¹ 0.837 ± 0.114	^{1,2} 0.817 ± 0.152
<i>yeast5</i>	[−] 0.658 ± 0.137	¹ 0.680 ± 0.116	¹ 0.689 ± 0.110	^{1,2,3,6,7} 0.708 ± 0.077	^{1,2,3,7} 0.736 ± 0.082	^{1,2,3} 0.651 ± 0.070	¹ 0.702 ± 0.085
<i>ecoli-0-4-6-vs-5</i>	[−] 0.667 ± 0.159	[−] 0.769 ± 0.146	⁶ 0.767 ± 0.139	^{1,6} 0.801 ± 0.130	<i>all</i> 0.819 ± 0.136	[−] 0.791 ± 0.136	⁶ 0.818 ± 0.139
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.778 ± 0.109	¹ 0.717 ± 0.112	¹ 0.730 ± 0.111	¹ 0.399 ± 0.200	^{1,2,3} 0.394 ± 0.196	¹ 0.736 ± 0.112	^{1,2,3} 0.729 ± 0.114
<i>ecoli-0-1-vs-5</i>	<i>all</i> 0.666 ± 0.143	^{4,5} 0.774 ± 0.136	^{2,4,5} 0.781 ± 0.144	[−] 0.865 ± 0.102	[−] 0.863 ± 0.105	^{4,5} 0.851 ± 0.119	^{4,5} 0.851 ± 0.111
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.664 ± 0.218	¹ 0.739 ± 0.186	¹ 0.746 ± 0.180	^{1,2,3} 0.735 ± 0.178	^{1,2,3} 0.736 ± 0.164	^{1,2,3} 0.710 ± 0.191	^{1,2,3} 0.668 ± 0.173
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.611 ± 0.148	^{1,7} 0.708 ± 0.160	^{1,7} 0.711 ± 0.157	^{1,7} 0.779 ± 0.132	^{1,7} 0.783 ± 0.129	⁷ 0.676 ± 0.148	[−] 0.683 ± 0.147
<i>shuttle-c0-vs-c4</i>	[−] 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>	[−] 0.676 ± 0.209	[−] 0.738 ± 0.202	[−] 0.752 ± 0.195	[−] 0.718 ± 0.174	[−] 0.714 ± 0.181	[−] 0.711 ± 0.185	[−] 0.679 ± 0.186
<i>vowel0</i>	[−] 0.921 ± 0.045	^{1,4,5,6,7} 0.917 ± 0.040	^{1,4,5,6,7} 0.917 ± 0.041	⁷ 0.774 ± 0.078	⁷ 0.769 ± 0.092	⁷ 0.835 ± 0.083	[−] 0.825 ± 0.077
<i>glass4</i>	^{4,5,6,7} 0.680 ± 0.227	^{4,5,6,7} 0.712 ± 0.192	^{4,5,6,7} 0.721 ± 0.196	[−] 0.525 ± 0.235	[−] 0.557 ± 0.246	^{4,5} 0.484 ± 0.225	^{4,5} 0.613 ± 0.219
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6} 0.391 ± 0.122	^{4,5,6,7} 0.434 ± 0.145	^{4,5,6,7} 0.431 ± 0.141	⁶ 0.539 ± 0.077	^{4,6} 0.534 ± 0.087	[−] 0.442 ± 0.087	^{4,5,6} 0.449 ± 0.085
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.491 ± 0.084	^{1,3} 0.585 ± 0.084	¹ 0.591 ± 0.082	^{1,2,3,6,7} 0.616 ± 0.095	^{1,2,3,6,7} 0.618 ± 0.091	¹ 0.592 ± 0.093	¹ 0.572 ± 0.108
<i>ecoli-0-1-vs-2-3-5</i>	[−] 0.599 ± 0.183	¹ 0.701 ± 0.178	¹ 0.698 ± 0.180	^{1,2,6,7} 0.806 ± 0.121	^{1,2,3,6,7} 0.803 ± 0.132	¹ 0.718 ± 0.146	¹ 0.733 ± 0.156
<i>ecoli-0-3-4-vs-5</i>	[−] 0.683 ± 0.176	¹ 0.793 ± 0.182	¹ 0.790 ± 0.180	^{1,2,3,6,7} 0.823 ± 0.163	^{1,2,3,6,7} 0.827 ± 0.188	¹ 0.821 ± 0.167	¹ 0.821 ± 0.187
<i>glass5</i>	[−] 0.657 ± 0.346	¹ 0.753 ± 0.319	¹ 0.773 ± 0.323	¹ 0.713 ± 0.234	¹ 0.751 ± 0.259	¹ 0.551 ± 0.179	¹ 0.654 ± 0.223
<i>yeast4</i>	[−] 0.336 ± 0.122	^{1,6,7} 0.266 ± 0.140	^{1,6,7} 0.283 ± 0.141	^{6,7} 0.392 ± 0.087	^{6,7} 0.396 ± 0.102	[−] 0.296 ± 0.054	⁶ 0.302 ± 0.054
<i>glass-0-4-vs-5</i>	^{2,3,6} 0.942 ± 0.109	[−] 0.942 ± 0.109	[−] 0.942 ± 0.109	^{1,2,3,6,7} 0.863 ± 0.257	^{1,2,3,6,7} 0.867 ± 0.258	[−] 0.853 ± 0.263	[−] 0.864 ± 0.263
<i>yeast6</i>	[−] 0.422 ± 0.135	[−] 0.547 ± 0.155	[−] 0.542 ± 0.157	[−] 0.475 ± 0.120	[−] 0.503 ± 0.110	[−] 0.346 ± 0.100	[−] 0.378 ± 0.103
<i>page-blocks-1-3-vs-4</i>	⁶ 0.903 ± 0.084	^{1,4,5,6,7} 0.945 ± 0.080	^{1,4,5,6,7} 0.947 ± 0.078	^{1,6,7} 0.532 ± 0.221	^{1,4,6,7} 0.751 ± 0.165	[−] 0.640 ± 0.199	⁶ 0.824 ± 0.146
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.353 ± 0.151	^{1,4,5,6,7} 0.166 ± 0.175	^{1,4,5,6,7} 0.187 ± 0.175	[−] 0.276 ± 0.107	^{4,6} 0.246 ± 0.103	⁴ 0.254 ± 0.065	^{4,5,6} 0.239 ± 0.057
<i>ecoli-0-1-3-7-vs-2-6</i>	<i>all</i> 0.513 ± 0.327	[−] 0.323 ± 0.411	[−] 0.321 ± 0.410	^{2,3,5,7} 0.540 ± 0.327	^{2,3} 0.479 ± 0.299	^{2,3} 0.444 ± 0.280	^{2,3} 0.375 ± 0.252
<i>yeast-1-4-5-8-vs-7</i>	^{2,3,6,7} 0.119 ± 0.133	[−] 0.006 ± 0.040	[−] 0.011 ± 0.055	^{2,3,5,6,7} 0.162 ± 0.071	^{2,3,7} 0.165 ± 0.072	^{3,7} 0.139 ± 0.041	[−] 0.142 ± 0.036
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.612 ± 0.134	[−] 0.732 ± 0.149	[−] 0.749 ± 0.152	^{1,2,3,6,7} 0.810 ± 0.127	^{1,2,3,6,7} 0.821 ± 0.120	^{2,3} 0.793 ± 0.149	^{2,3} 0.786 ± 0.123
<i>yeast-2-vs-8</i>	[−] 0.408 ± 0.199	¹ 0.615 ± 0.238	¹ 0.623 ± 0.242	^{1,2,3} 0.666 ± 0.196	^{1,2,3,7} 0.655 ± 0.203	^{1,2,3} 0.647 ± 0.205	^{1,2} 0.549 ± 0.182
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[−] 0.711 ± 0.076	^{1,7} 0.800 ± 0.072	^{1,7} 0.802 ± 0.074	^{1,7} 0.821 ± 0.057	^{1,7} 0.822 ± 0.057	^{1,7} 0.812 ± 0.067	¹ 0.813 ± 0.062
<i>glass2</i>	[−] 0.167 ± 0.204	¹ 0.154 ± 0.209	¹ 0.158 ± 0.205	^{1,2,3,7} 0.332 ± 0.125	^{1,2,3,7} 0.346 ± 0.120	¹ 0.247 ± 0.065	¹ 0.313 ± 0.079
	[−]	[−]	[−]	^{1,2,3,6}	^{1,2,3,6,7}	^{1,2,3}	^{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>	2.951	3.427	4.012	5.171	5.390	3.439	3.610
	−	−	1,2	1,2,3,6,7	1,2,3,6,7	−	−

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	0.323 ± 0.447	0.322 ± 0.426	0.203 ± 0.082	0.214 ± 0.069	0.152 ± 0.049	0.173 ± 0.049
<i>ecoli-0-3-4-7-vs-5-6</i>	⁶ 0.692 ± 0.154	⁶ 0.907 ± 0.114	⁶ 0.899 ± 0.121	^{6,7} 0.824 ± 0.139	^{6,7} 0.807 ± 0.145	⁶ 0.791 ± 0.150	⁶ 0.757 ± 0.153
<i>shuttle-c2-vs-c4</i>	^{1,4,5,6,7} 1.000 ± 0.000	^{1,4,5,6,7} 0.960 ± 0.195	^{1,4,5,6,7} 0.960 ± 0.195	^{1,6,7} 0.920 ± 0.271	¹ 0.920 ± 0.271	¹ 0.893 ± 0.284	¹ 0.893 ± 0.284
<i>glass-0-1-4-6-vs-2</i>	0.258 ± 0.269	0.296 ± 0.402	0.315 ± 0.411	0.214 ± 0.085	0.210 ± 0.096	0.146 ± 0.044	0.174 ± 0.065
<i>yeast-1-2-8-9-vs-7</i>	^{6,7} 0.212 ± 0.140	⁶ 0.457 ± 0.453	⁶ 0.505 ± 0.450	^{6,7} 0.150 ± 0.068	^{6,7} 0.139 ± 0.052	⁶ 0.084 ± 0.025	⁶ 0.079 ± 0.020
<i>ecoli-0-1-4-6-vs-5</i>	^{4,5,6,7} 0.655 ± 0.218	^{1,4,5,6,7} 0.940 ± 0.124	^{1,4,5,6,7} 0.924 ± 0.143	^{6,7} 0.845 ± 0.140	^{6,7} 0.838 ± 0.144	⁶ 0.782 ± 0.159	⁶ 0.798 ± 0.162
<i>glass-0-1-6-vs-5</i>	⁶ 0.680 ± 0.364	^{1,4,5,6,7} 0.787 ± 0.286	^{1,4,5,6,7} 0.793 ± 0.281	^{1,6,7} 0.634 ± 0.310	^{1,6,7} 0.703 ± 0.316	¹ 0.419 ± 0.223	¹ 0.615 ± 0.287
<i>yeast-2-vs-4</i>	⁶ 0.709 ± 0.097	^{1,4,6,7} 0.786 ± 0.107	^{1,4,5,6,7} 0.782 ± 0.110	⁶ 0.849 ± 0.104	^{4,6,7} 0.854 ± 0.098	⁶ 0.771 ± 0.138	⁶ 0.751 ± 0.127
<i>glass-0-6-vs-5</i>	⁶ 0.808 ± 0.318	¹ 0.873 ± 0.257	¹ 0.873 ± 0.257	^{1,2,3,6,7} 0.718 ± 0.381	^{1,2,3,6,7} 0.777 ± 0.353	^{1,7} 0.494 ± 0.315	¹ 0.669 ± 0.334
<i>ecoli-0-3-4-6-vs-5</i>	^{6,7} 0.692 ± 0.204	^{4,6,7} 0.865 ± 0.192	^{4,6,7} 0.859 ± 0.194	⁶ 0.821 ± 0.164	^{6,7} 0.769 ± 0.163	⁶ 0.798 ± 0.171	⁶ 0.757 ± 0.164
<i>yeast-0-3-5-9-vs-7-8</i>	⁶ 0.363 ± 0.130	^{1,5,6,7} 0.578 ± 0.279	^{1,5,6,7} 0.573 ± 0.267	^{1,5,7} 0.476 ± 0.158	¹ 0.415 ± 0.161	^{1,7} 0.351 ± 0.151	¹ 0.255 ± 0.105
<i>glass-0-1-5-vs-2</i>	⁷ 0.302 ± 0.304	^{1,4,5,6,7} 0.285 ± 0.396	^{1,4,5,6,7} 0.325 ± 0.403	^{1,5,6,7} 0.229 ± 0.097	^{6,7} 0.223 ± 0.086	⁷ 0.166 ± 0.045	⁶ 0.176 ± 0.052
<i>ecoli-0-6-7-vs-5</i>	^{6,7} 0.794 ± 0.232	⁶ 0.896 ± 0.153	⁶ 0.883 ± 0.168	^{6,7} 0.855 ± 0.161	^{6,7} 0.829 ± 0.176	⁶ 0.791 ± 0.200	⁶ 0.776 ± 0.193
<i>ecoli-0-2-3-4-vs-5</i>	⁶ 0.769 ± 0.174	^{1,4,5,6,7} 0.905 ± 0.157	^{1,5,6,7} 0.905 ± 0.157	^{6,7} 0.872 ± 0.143	^{6,7} 0.857 ± 0.161	⁶ 0.836 ± 0.155	⁶ 0.838 ± 0.165
<i>ecoli4</i>	⁶ 0.743 ± 0.176	^{1,6,7} 0.887 ± 0.153	^{1,6,7} 0.874 ± 0.165	¹ 0.917 ± 0.122	¹ 0.868 ± 0.156	¹ 0.848 ± 0.168	¹ 0.809 ± 0.188
<i>yeast5</i>	⁶ 0.703 ± 0.162	^{1,7} 0.767 ± 0.153	¹ 0.761 ± 0.144	^{1,5,6,7} 0.591 ± 0.091	^{1,7} 0.636 ± 0.097	¹ 0.513 ± 0.085	⁶ 0.581 ± 0.097
<i>ecoli-0-4-6-vs-5</i>	^{4,5,6,7} 0.744 ± 0.193	^{1,4,5,6,7} 0.902 ± 0.150	^{1,4,5,6,7} 0.883 ± 0.148	⁶ 0.823 ± 0.161	^{4,6,7} 0.819 ± 0.170	⁶ 0.803 ± 0.173	⁶ 0.816 ± 0.179
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	⁶ 0.797 ± 0.142	^{1,4,5,6,7} 0.660 ± 0.132	^{1,4,5,6,7} 0.678 ± 0.138	¹ 0.595 ± 0.284	¹ 0.576 ± 0.274	⁶ 0.680 ± 0.111	¹ 0.666 ± 0.104
<i>ecoli-0-1-vs-5</i>	^{all} 0.731 ± 0.181	⁶ 0.917 ± 0.131	^{2,5} 0.915 ± 0.135	⁶ 0.956 ± 0.097	⁶ 0.936 ± 0.110	⁵ 0.904 ± 0.156	⁵ 0.896 ± 0.145
<i>ecoli-0-2-6-7-vs-3-5</i>	⁶ 0.722 ± 0.252	¹ 0.872 ± 0.196	¹ 0.869 ± 0.197	^{1,6,7} 0.807 ± 0.190	^{1,7} 0.801 ± 0.182	¹ 0.731 ± 0.236	¹ 0.660 ± 0.223
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	⁶ 0.611 ± 0.157	^{1,5,6,7} 0.852 ± 0.150	^{1,5,6,7} 0.846 ± 0.140	^{1,6,7} 0.875 ± 0.140	^{1,6,7} 0.879 ± 0.152	⁷ 0.663 ± 0.193	⁶ 0.671 ± 0.213
<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	^{1,6,7} 1.000 ± 0.000	^{1,6,7} 1.000 ± 0.000	⁶ 1.000 ± 0.000	⁶ 1.000 ± 0.000
<i>ecoli-0-6-7-vs-3-5</i>	⁶ 0.735 ± 0.236	⁶ 0.882 ± 0.191	⁶ 0.882 ± 0.191	⁶ 0.820 ± 0.192	⁶ 0.781 ± 0.209	⁶ 0.739 ± 0.221	⁶ 0.685 ± 0.237
<i>vowel0</i>	⁶ 0.911 ± 0.067	^{1,4,5,6,7} 0.908 ± 0.062	^{1,4,5,6,7} 0.907 ± 0.063	^{6,7} 0.895 ± 0.077	⁷ 0.915 ± 0.072	⁷ 0.911 ± 0.078	⁶ 0.924 ± 0.071
<i>glass4</i>	⁶ 0.730 ± 0.276	⁶ 0.798 ± 0.237	⁶ 0.778 ± 0.240	⁶ 0.494 ± 0.275	⁴ 0.537 ± 0.288	⁴ 0.410 ± 0.225	^{3,4,6} 0.554 ± 0.254
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.395 ± 0.139	^{4,5,6,7} 0.659 ± 0.196	^{4,5,6,7} 0.625 ± 0.186	⁶ 0.463 ± 0.108	^{4,6} 0.460 ± 0.120	⁶ 0.324 ± 0.100	^{4,6} 0.321 ± 0.087
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{6,7} 0.479 ± 0.096	^{all} 0.761 ± 0.120	^{1,4,5,6,7} 0.758 ± 0.113	^{1,6,7} 0.698 ± 0.104	^{1,6,7} 0.688 ± 0.101	⁶ 0.636 ± 0.156	⁶ 0.574 ± 0.161
<i>ecoli-0-1-vs-2-3-5</i>	⁶ 0.627 ± 0.198	^{1,4,5,6,7} 0.823 ± 0.177	^{1,4,5,6,7} 0.817 ± 0.184	^{1,6,7} 0.952 ± 0.093	^{1,6,7} 0.934 ± 0.119	^{1,7} 0.744 ± 0.193	¹ 0.760 ± 0.208
<i>ecoli-0-3-4-vs-5</i>	⁶ 0.738 ± 0.200	^{1,6} 0.889 ± 0.163	^{1,6} 0.885 ± 0.163	^{1,2,3,6,7} 0.861 ± 0.152	^{1,2,3,6,7} 0.846 ± 0.194	¹ 0.847 ± 0.163	¹ 0.833 ± 0.199
<i>glass5</i>	⁶ 0.707 ± 0.382	^{1,6,7} 0.797 ± 0.338	^{1,6} 0.797 ± 0.338	¹ 0.678 ± 0.278	¹ 0.733 ± 0.296	¹ 0.427 ± 0.196	¹ 0.536 ± 0.233
<i>yeast4</i>	^{6,7} 0.330 ± 0.134	^{4,6,7} 0.574 ± 0.288	^{4,6,7} 0.569 ± 0.281	^{6,7} 0.301 ± 0.075	^{6,7} 0.308 ± 0.088	⁶ 0.186 ± 0.039	⁶ 0.189 ± 0.038
<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} 0.933 ± 0.240	^{6,7} 0.940 ± 0.237	⁶ 0.903 ± 0.262	⁶ 0.920 ± 0.254
<i>yeast6</i>	⁶ 0.419 ± 0.182	⁶ 0.739 ± 0.217	⁶ 0.713 ± 0.219	⁶ 0.372 ± 0.112	⁶ 0.412 ± 0.104	⁶ 0.231 ± 0.086	⁶ 0.266 ± 0.090
<i>page-blocks-1-3-vs-4</i>	^{6,7} 0.908 ± 0.102	^{1,4,5,6,7} 0.939 ± 0.084	^{1,4,5,6,7} 0.940 ± 0.083	^{6,7} 0.709 ± 0.291	^{4,6,7} 0.952 ± 0.114	⁶ 0.714 ± 0.245	⁶ 0.908 ± 0.154
<i>yeast-1-vs-7</i>	^{4,6} 0.333 ± 0.141	^{1,4,6} 0.442 ± 0.457	^{1,4,6} 0.467 ± 0.437	⁶ 0.196 ± 0.079	^{1,4,6,7} 0.168 ± 0.074	⁶ 0.157 ± 0.046	^{4,6} 0.145 ± 0.037
<i>ecoli-0-1-3-7-vs-2-6</i>	^{4,5,6,7} 0.465 ± 0.340	^{4,5,6,7} 0.377 ± 0.474	^{4,5,6,7} 0.375 ± 0.475	^{5,6,7} 0.508 ± 0.368	⁷ 0.434 ± 0.346	⁷ 0.390 ± 0.321	⁶ 0.296 ± 0.254
<i>yeast-1-4-5-8-vs-7</i>	^{6,7} 0.112 ± 0.127	⁶ 0.020 ± 0.139	⁶ 0.040 ± 0.195	^{5,6,7} 0.102 ± 0.047	⁷ 0.104 ± 0.046	⁷ 0.078 ± 0.023	⁶ 0.080 ± 0.020
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.611 ± 0.150	⁶ 0.891 ± 0.128	⁶ 0.885 ± 0.134	^{2,3,6,7} 0.895 ± 0.132	^{2,3,6,7} 0.862 ± 0.147	^{2,3} 0.845 ± 0.166	^{2,3} 0.777 ± 0.168
<i>yeast-2-vs-8</i>	⁶ 0.442 ± 0.271	^{1,7} 0.868 ± 0.266	^{1,7} 0.868 ± 0.266	^{1,6,7} 0.913 ± 0.179	^{1,7} 0.897 ± 0.203	^{1,7} 0.836 ± 0.232	¹ 0.652 ± 0.283
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁶ 0.709 ± 0.082	^{1,7} 0.853 ± 0.084	^{1,7} 0.850 ± 0.087	^{1,6,7} 0.829 ± 0.075	^{1,7} 0.827 ± 0.075	^{1,7} 0.820 ± 0.096	¹ 0.812 ± 0.088
<i>glass2</i>	⁶ 0.172 ± 0.228	^{1,4,5,6,7} 0.287 ± 0.412	^{1,4,5,6,7} 0.281 ± 0.398	^{1,7} 0.228 ± 0.100	^{1,7} 0.234 ± 0.091	¹ 0.146 ± 0.041	¹ 0.193 ± 0.054
	⁶ —	⁶ —	⁶ —	^{1,6,7} —	^{1,6,7} —	⁶ —	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>	3.171	5.805	5.439	4.500	4.378	2.329	2.378
	7	<i>all</i>	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 ± 0.225 [—]	0.167 ± 0.226 [—]	0.682 ± 0.253 ^{1,2,3}	0.733 ± 0.220 ^{1,2,3}	0.838 ± 0.228 ^{1,2,3,4,5}	0.860 ± 0.205 ^{1,2,3,4,5}
<i>ecoli-0-3-4-7-vs-5-6</i>	0.728 ± 0.182 [—]	0.716 ± 0.179 [—]	0.748 ± 0.159 [—]	0.796 ± 0.162 ^{1,2,3}	0.792 ± 0.159 ^{1,2,3}	0.804 ± 0.157 ^{1,2,3}	0.816 ± 0.154 ^{1,2,3}
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000 [—]	0.940 ± 0.215 [—]	0.940 ± 0.215 [—]	0.890 ± 0.287 ^{1,2,3}	0.890 ± 0.287 ^{1,2,3}	0.900 ± 0.282 ^{1,2,3}	0.900 ± 0.282 ^{1,2,3}
<i>glass-0-1-4-6-vs-2</i>	0.213 ± 0.216 [—]	0.148 ± 0.201 [—]	0.165 ± 0.216 [—]	0.653 ± 0.229 ^{1,2,3}	0.667 ± 0.239 ^{1,2,3}	0.828 ± 0.206 ^{1,2,3,4,5}	0.832 ± 0.239 ^{1,2,3,4,5}
<i>yeast-1-2-8-9-vs-7</i>	0.280 ± 0.168 [—]	0.110 ± 0.113 [—]	0.123 ± 0.114 [—]	0.423 ± 0.160 ^{1,2,3}	0.427 ± 0.149 ^{1,2,3}	0.617 ± 0.174 ^{1,2,3,4,5}	0.667 ± 0.176 ^{1,2,3,4,5}
<i>ecoli-0-1-4-6-vs-5</i>	0.615 ± 0.188 ^{2,3}	0.690 ± 0.177 [—]	0.690 ± 0.177 [—]	0.800 ± 0.158 ^{1,2,3}	0.820 ± 0.158 ^{1,2,3}	0.815 ± 0.156 ^{1,2,3,4,5}	0.830 ± 0.153 ^{1,2,3,4,5}
<i>glass-0-1-6-vs-5</i>	0.660 ± 0.366 [—]	0.850 ± 0.287 ¹	0.880 ± 0.274 ¹	0.770 ± 0.319 ^{1,2,3}	0.800 ± 0.316 ^{1,2,3}	0.810 ± 0.280 ^{1,2,3}	0.850 ± 0.269 ^{1,2,3}
<i>yeast-2-vs-4</i>	0.722 ± 0.132 [—]	0.679 ± 0.135 ¹	0.691 ± 0.133 ^{1,4}	0.719 ± 0.134 [—]	0.717 ± 0.134 ¹	0.774 ± 0.146 ¹	0.770 ± 0.157 ¹
<i>glass-0-6-vs-5</i>	0.820 ± 0.328 [—]	0.870 ± 0.279 ¹	0.880 ± 0.274 ^{1,4}	0.630 ± 0.357 ²	0.660 ± 0.338 ²	0.700 ± 0.331 ^{1,2,3,4,5}	0.720 ± 0.318 ^{2,3,4,5}
<i>ecoli-0-3-4-6-vs-5</i>	0.680 ± 0.218 ^{4,5}	0.695 ± 0.236 ^{4,5,6,7}	0.710 ± 0.241 ^{4,5,6,7}	0.815 ± 0.192 [—]	0.835 ± 0.170 [—]	0.825 ± 0.195 [—]	0.845 ± 0.172 [—]
<i>yeast-0-3-5-9-vs-7-8</i>	0.394 ± 0.146 [—]	0.204 ± 0.109 [—]	0.216 ± 0.113 [—]	0.360 ± 0.152 ^{1,2,3}	0.406 ± 0.148 ^{1,2,3}	0.474 ± 0.195 ^{1,2,3}	0.638 ± 0.167 ^{1,2,3}
<i>glass-0-1-5-vs-2</i>	0.262 ± 0.252 ^{2,3}	0.150 ± 0.222 [—]	0.175 ± 0.231 [—]	0.713 ± 0.261 ^{2,3}	0.730 ± 0.241 ^{2,3,4}	0.863 ± 0.201 ^{1,2,3,4,5}	0.838 ± 0.205 ^{all}
<i>ecoli-0-6-7-vs-5</i>	0.705 ± 0.243 ^{2,3}	0.750 ± 0.229 [—]	0.750 ± 0.229 [—]	0.760 ± 0.199 ^{1,2,3}	0.765 ± 0.196 ^{1,2,3}	0.765 ± 0.202 ^{1,2,3,4,5}	0.785 ± 0.200 ^{1,2,3,4,5}
<i>ecoli-0-2-3-4-vs-5</i>	0.730 ± 0.179 [—]	0.725 ± 0.188 ¹	0.730 ± 0.186 ¹	0.825 ± 0.167 [—]	0.845 ± 0.157 [—]	0.825 ± 0.167 [—]	0.850 ± 0.158 ¹
<i>ecoli4</i>	0.755 ± 0.183 [—]	0.745 ± 0.215 [—]	0.755 ± 0.220 [—]	0.850 ± 0.165 ^{1,2,3}	0.855 ± 0.194 ^{1,2,3}	0.870 ± 0.160 ^{1,2,3}	0.870 ± 0.181 ^{1,2,3}
<i>yeast5</i>	0.648 ± 0.170 [—]	0.629 ± 0.144 [—]	0.647 ± 0.142 [—]	0.899 ± 0.100 ^{1,2,3}	0.890 ± 0.112 ^{1,2,3}	0.917 ± 0.088 ^{1,2,3}	0.902 ± 0.103 ^{1,2,3}
<i>ecoli-0-4-6-vs-5</i>	0.660 ± 0.210 [—]	0.700 ± 0.187 [—]	0.715 ± 0.193 [—]	0.805 ± 0.168 ^{1,2,3}	0.840 ± 0.156 ^{1,2,3}	0.805 ± 0.168 ^{1,2,3}	0.845 ± 0.157 ^{1,2,3}
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.782 ± 0.143 [—]	0.809 ± 0.148 [—]	0.815 ± 0.141 [—]	0.318 ± 0.179 ^{1,2,3}	0.323 ± 0.181 ^{1,2,3}	0.823 ± 0.160 ^{1,2,3}	0.832 ± 0.174 ^{1,2,3}
<i>ecoli-0-1-vs-5</i>	0.655 ± 0.205 ^{4,5}	0.705 ± 0.191 ^{4,5}	0.720 ± 0.203 ^{1,4,5}	0.810 ± 0.154 [—]	0.820 ± 0.150 [—]	0.830 ± 0.145 ^{1,4,5}	0.835 ± 0.146 ^{1,4,5}
<i>ecoli-0-2-6-7-vs-3-5</i>	0.659 ± 0.255 [—]	0.680 ± 0.220 [—]	0.689 ± 0.213 ¹	0.698 ± 0.207 ^{1,2,3}	0.704 ± 0.193 ^{1,2,3}	0.730 ± 0.198 ^{1,2,3}	0.727 ± 0.192 ^{1,2,3}
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.632 ± 0.180 [—]	0.634 ± 0.194 [—]	0.644 ± 0.196 [—]	0.727 ± 0.173 [—]	0.730 ± 0.160 [—]	0.727 ± 0.166 ^{1,2}	0.741 ± 0.158 [—]
<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 [—]	0.669 ± 0.235 [—]	0.686 ± 0.226 [—]	0.673 ± 0.205 [—]	0.686 ± 0.201 [—]	0.722 ± 0.199 [—]	0.717 ± 0.195 [—]
<i>vowel0</i>	0.936 ± 0.055 [—]	0.931 ± 0.059 [—]	0.933 ± 0.058 [—]	0.693 ± 0.113 [—]	0.678 ± 0.135 [—]	0.782 ± 0.120 ⁴	0.761 ± 0.135 ⁴
<i>glass4</i>	0.717 ± 0.277 ^{4,5,6,7}	0.697 ± 0.250 ^{4,5,6,7}	0.717 ± 0.243 ^{4,5,6,7}	0.633 ± 0.290 [—]	0.650 ± 0.298 [—]	0.670 ± 0.318 ^{4,5}	0.753 ± 0.265 ^{4,5}
<i>yeast-0-5-6-7-9-vs-4</i>	0.412 ± 0.159 [—]	0.349 ± 0.152 [—]	0.351 ± 0.148 [—]	0.679 ± 0.101 [—]	0.675 ± 0.109 [—]	0.780 ± 0.135 [—]	0.808 ± 0.128 ^{4,5}
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.512 ± 0.097 ^{2,3}	0.482 ± 0.088 [—]	0.491 ± 0.086 [—]	0.562 ± 0.116 ^{1,2,3}	0.572 ± 0.113 ^{1,2,3}	0.589 ± 0.125 ^{1,2,3,4,5}	0.610 ± 0.133 ^{1,2,3,4,5}
<i>ecoli-0-1-vs-2-3-5</i>	0.615 ± 0.230 ²	0.634 ± 0.208 [—]	0.634 ± 0.208 [—]	0.723 ± 0.173 ^{1,2,3}	0.723 ± 0.178 ^{1,2,3}	0.735 ± 0.180 ^{1,2,3,4,5}	0.745 ± 0.181 ^{1,2,3,4,5}
<i>ecoli-0-3-4-vs-5</i>	0.690 ± 0.237 [—]	0.750 ± 0.229 [—]	0.750 ± 0.229 [—]	0.825 ± 0.219 ^{1,2,3}	0.840 ± 0.222 ^{1,2,3}	0.830 ± 0.214 ^{1,2,3}	0.840 ± 0.216 ^{1,2,3}
<i>glass5</i>	0.670 ± 0.382 [—]	0.760 ± 0.349 [—]	0.790 ± 0.347 [—]	0.840 ± 0.290 ^{1,2,3}	0.840 ± 0.290 ^{1,2,3}	0.890 ± 0.229 ^{1,2,3}	0.900 ± 0.244 ^{1,2,3}
<i>yeast4</i>	0.364 ± 0.141 [—]	0.189 ± 0.116 [—]	0.205 ± 0.119 ¹	0.595 ± 0.164 ¹	0.581 ± 0.159 ¹	0.761 ± 0.155 ^{1,2}	0.784 ± 0.150 ^{1,2}
<i>glass-0-4-vs-5</i>	1.000 ± 0.000 ^{2,3}	1.000 ± 0.000 [—]	1.000 ± 0.000 [—]	0.830 ± 0.293 ^{1,2,3}	0.830 ± 0.293 ^{1,2,3}	0.840 ± 0.290 ^{1,2,3,4,5}	0.840 ± 0.290 ^{1,2,3,4,5}
<i>yeast6</i>	0.477 ± 0.182 ^{4,5,6,7}	0.469 ± 0.173 ^{4,5,6,7}	0.471 ± 0.174 ^{4,5,6,7}	0.694 ± 0.180 [—]	0.677 ± 0.175 [—]	0.763 ± 0.160 [—]	0.711 ± 0.179 [—]
<i>page-blocks-1-3-vs-4</i>	0.918 ± 0.131 [—]	0.959 ± 0.106 [—]	0.963 ± 0.104 [—]	0.459 ± 0.220 ^{1,2,3}	0.649 ± 0.205 ^{1,2,3}	0.646 ± 0.246 ^{all}	0.776 ± 0.176 ^{1,2,3,5}
<i>yeast-1-vs-7</i>	0.393 ± 0.190 ^{4,5,6,7}	0.107 ± 0.119 ^{4,5,6,7}	0.123 ± 0.123 ^{4,5,6,7}	0.500 ± 0.213 [—]	0.487 ± 0.215 ⁴	0.713 ± 0.200 ⁴	0.720 ± 0.195 ^{4,5,6}
<i>ecoli-0-1-3-7-vs-2-6</i>	0.660 ± 0.417 ^{2,3}	0.310 ± 0.410 [—]	0.310 ± 0.410 [—]	0.700 ± 0.400 ^{1,2,3}	0.700 ± 0.400 ^{1,2,3}	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}	0.003 ± 0.023 [—]	0.007 ± 0.032 [—]	0.407 ± 0.176 ^{2,3}	0.413 ± 0.177 ^{2,3}	0.653 ± 0.207 ^{2,3}	0.650 ± 0.177 ^{2,3}
<i>ecoli-0-1-4-7-vs-5-6</i>	0.656 ± 0.200 ^{2,3}	0.648 ± 0.185 [—]	0.680 ± 0.195 [—]	0.772 ± 0.187 ^{1,2,3}	0.804 ± 0.157 ^{1,2,3}	0.788 ± 0.193 ^{1,2,3,4,5}	0.832 ± 0.161 ^{1,2,3,4,5}
<i>yeast-2-vs-8</i>	0.435 ± 0.233 [—]	0.505 ± 0.242 [—]	0.515 ± 0.247 [—]	0.555 ± 0.219 ^{1,2,3}	0.550 ± 0.229 ^{1,2,3}	0.570 ± 0.223 ^{1,2,3}	0.570 ± 0.240 ^{1,2,3,4}
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.721 ± 0.102 [—]	0.760 ± 0.094 ¹	0.767 ± 0.096 ¹	0.820 ± 0.075 ¹	0.823 ± 0.073 ¹	0.814 ± 0.079 ^{1,2,3}	0.822 ± 0.079 ^{1,2,3}
<i>glass2</i>	0.187 ± 0.238 [—]	0.112 ± 0.153 ¹	0.118 ± 0.155 ¹	0.653 ± 0.216 ^{1,2,3}	0.703 ± 0.210 ^{1,2,3}	0.812 ± 0.184 ^{1,2,3}	0.862 ± 0.180 ^{1,2,3}
	2	—	—	1,2,3	1,2,3	1,2,3,4,5	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>	2.841	2.305	3.268	3.695	4.354	5.366	6.171
	2	—	2	2	1,2,4	1,2,3,4,5	all

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	0.570 ± 0.114	0.575 ± 0.113	0.709 ± 0.126	0.732 ± 0.109	0.687 ± 0.112	0.725 ± 0.099
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.843 ± 0.085	[−] 0.853 ± 0.088	[−] 0.869 ± 0.078	^{1,2,3,6} 0.888 ± 0.081	^{1,2,3,6} 0.885 ± 0.081	^{1,2,3} 0.889 ± 0.080	^{1,2,3,6} 0.892 ± 0.077
<i>shuttle-c2-vs-c4</i>	[−] 1.000 ± 0.000	[−] 0.970 ± 0.107	¹ 0.970 ± 0.107	^{1,2} 0.945 ± 0.143	¹ 0.945 ± 0.143	^{1,2} 0.948 ± 0.141	^{1,2} 0.948 ± 0.141
<i>glass-0-1-4-6-vs-2</i>	^{6,7} 0.573 ± 0.117	[−] 0.567 ± 0.099	[−] 0.574 ± 0.108	[−] 0.712 ± 0.115	[−] 0.715 ± 0.120	[−] 0.690 ± 0.097	[−] 0.731 ± 0.123
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.622 ± 0.082	[−] 0.554 ± 0.056	[−] 0.560 ± 0.057	^{1,2,3} 0.670 ± 0.080	^{1,2,3} 0.669 ± 0.075	^{1,2,3} 0.697 ± 0.086	^{1,2,3} 0.705 ± 0.086
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3} 0.792 ± 0.090	[−] 0.843 ± 0.088	[−] 0.842 ± 0.088	^{1,2,3} 0.893 ± 0.077	^{1,2,3} 0.903 ± 0.078	^{1,2,3,4,5} 0.897 ± 0.077	^{1,2,3,4,5} 0.905 ± 0.075
<i>glass-0-1-6-vs-5</i>	[−] 0.822 ± 0.182	¹ 0.919 ± 0.142	¹ 0.934 ± 0.135	^{1,2,3} 0.870 ± 0.159	^{1,2,3,6} 0.890 ± 0.159	^{1,2,3,4} 0.869 ± 0.141	^{1,2,3,5} 0.908 ± 0.138
<i>yeast-2-vs-4</i>	[−] 0.844 ± 0.064	^{1,4,6} 0.829 ± 0.067	^{1,4,5,6,7} 0.834 ± 0.066	⁶ 0.852 ± 0.067	^{4,6} 0.851 ± 0.066	[−] 0.872 ± 0.071	⁶ 0.869 ± 0.074
<i>glass-0-6-vs-5</i>	[−] 0.899 ± 0.171	[−] 0.928 ± 0.144	[−] 0.933 ± 0.142	^{2,3} 0.804 ± 0.179	^{2,3} 0.822 ± 0.173	^{1,2,3} 0.805 ± 0.168	^{2,3} 0.839 ± 0.169
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.821 ± 0.111	^{4,5,6,7} 0.841 ± 0.121	^{4,5,6,7} 0.848 ± 0.123	[−] 0.897 ± 0.098	^{4,6} 0.903 ± 0.089	⁴ 0.900 ± 0.100	^{5,6} 0.906 ± 0.090
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.656 ± 0.070	¹ 0.594 ± 0.053	¹ 0.599 ± 0.056	^{1,2,3} 0.657 ± 0.070	^{1,2,3} 0.668 ± 0.072	^{1,2,3} 0.680 ± 0.078	^{1,2,3} 0.703 ± 0.071
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.592 ± 0.127	[−] 0.567 ± 0.109	[−] 0.579 ± 0.114	^{2,3} 0.722 ± 0.134	^{2,3} 0.723 ± 0.124	^{1,2,3,4} 0.690 ± 0.099	^{all} 0.701 ± 0.108
<i>ecoli-0-6-7-vs-5</i>	[−] 0.842 ± 0.121	[−] 0.870 ± 0.115	[−] 0.869 ± 0.116	^{1,2,3,6} 0.873 ± 0.101	^{1,2,3,6,7} 0.874 ± 0.101	^{1,2,3} 0.869 ± 0.105	^{1,2,3} 0.879 ± 0.104
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.850 ± 0.087	^{1,6} 0.857 ± 0.095	¹ 0.860 ± 0.094	⁶ 0.905 ± 0.084	⁶ 0.913 ± 0.079	³ 0.902 ± 0.085	² 0.914 ± 0.080
<i>ecoli4</i>	[−] 0.868 ± 0.091	[−] 0.869 ± 0.106	¹ 0.873 ± 0.109	^{1,2,3} 0.922 ± 0.082	^{1,2,3} 0.923 ± 0.097	^{1,2,3} 0.928 ± 0.077	^{1,2,3} 0.926 ± 0.090
<i>yeast5</i>	[−] 0.819 ± 0.085	¹ 0.811 ± 0.072	¹ 0.820 ± 0.071	^{1,2,3} 0.939 ± 0.049	^{1,2,3} 0.937 ± 0.055	^{1,2,3} 0.944 ± 0.042	^{1,2,3,5} 0.940 ± 0.051
<i>ecoli-0-4-6-vs-5</i>	[−] 0.814 ± 0.102	[−] 0.845 ± 0.093	[−] 0.851 ± 0.095	^{1,2,3,5} 0.891 ± 0.085	^{1,2,3} 0.908 ± 0.081	^{1,2,3} 0.890 ± 0.086	^{1,2,3,5} 0.910 ± 0.082
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.881 ± 0.072	¹ 0.884 ± 0.074	¹ 0.888 ± 0.071	^{1,2,3} 0.650 ± 0.090	^{1,2,3,6} 0.650 ± 0.092	^{1,2,3} 0.893 ± 0.079	^{1,2,3} 0.896 ± 0.085
<i>ecoli-0-1-vs-5</i>	^{4,5} 0.814 ± 0.099	^{1,4,5} 0.848 ± 0.094	^{2,4,5} 0.856 ± 0.100	[−] 0.903 ± 0.076	[−] 0.907 ± 0.075	^{4,5} 0.909 ± 0.072	^{4,5} 0.912 ± 0.073
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.813 ± 0.129	¹ 0.833 ± 0.111	¹ 0.837 ± 0.108	^{1,2,3} 0.839 ± 0.106	^{1,2,3} 0.842 ± 0.099	^{1,2,3} 0.846 ± 0.103	^{1,2,3} 0.837 ± 0.101
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.796 ± 0.092	¹ 0.811 ± 0.096	¹ 0.816 ± 0.097	^{1,7} 0.858 ± 0.086	^{1,7} 0.859 ± 0.080	^{1,7} 0.842 ± 0.086	^{2,3} 0.848 ± 0.080
<i>shuttle-c0-vs-c4</i>	[−] 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	^{1,2} 0.998 ± 0.006	^{1,2,3} 0.998 ± 0.006
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.821 ± 0.123	[−] 0.830 ± 0.117	[−] 0.838 ± 0.113	[−] 0.827 ± 0.105	[−] 0.831 ± 0.105	[−] 0.844 ± 0.104	[−] 0.835 ± 0.103
<i>vowel0</i>	[−] 0.963 ± 0.028	^{1,4} 0.961 ± 0.029	^{1,4,5,7} 0.962 ± 0.028	[−] 0.842 ± 0.056	² 0.835 ± 0.066	⁷ 0.887 ± 0.059	² 0.877 ± 0.065
<i>glass4</i>	^{4,5,6,7} 0.846 ± 0.136	^{4,5,6,7} 0.841 ± 0.124	^{4,5,6,7} 0.851 ± 0.121	[−] 0.791 ± 0.148	[−] 0.803 ± 0.152	^{4,5} 0.799 ± 0.161	^{4,5} 0.853 ± 0.134
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6} 0.670 ± 0.077	^{4,5} 0.664 ± 0.073	^{4,5,6} 0.663 ± 0.071	[−] 0.793 ± 0.046	^{4,6} 0.790 ± 0.050	[−] 0.789 ± 0.055	^{4,5,6} 0.802 ± 0.056
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.725 ± 0.050	³ 0.732 ± 0.044	[−] 0.737 ± 0.044	^{1,2,3} 0.767 ± 0.058	^{1,2,3} 0.771 ± 0.056	^{1,2,3} 0.772 ± 0.056	^{1,2,3} 0.774 ± 0.061
<i>ecoli-0-1-vs-2-3-5</i>	[−] 0.786 ± 0.114	[−] 0.809 ± 0.105	[−] 0.809 ± 0.106	^{1,2,3} 0.859 ± 0.086	^{1,2,3} 0.859 ± 0.089	^{1,2,3} 0.850 ± 0.090	^{1,2,3} 0.856 ± 0.092
<i>ecoli-0-3-4-vs-5</i>	[−] 0.828 ± 0.116	[−] 0.869 ± 0.116	[−] 0.869 ± 0.116	^{1,2,3,6,7} 0.904 ± 0.109	^{1,2,3,6,7} 0.911 ± 0.112	^{1,2,3} 0.906 ± 0.108	^{1,2,3} 0.910 ± 0.109
<i>glass5</i>	[−] 0.831 ± 0.189	¹ 0.878 ± 0.174	¹ 0.893 ± 0.173	^{1,2,3} 0.910 ± 0.141	^{1,2,3} 0.913 ± 0.143	^{1,2,3} 0.913 ± 0.112	^{1,2,3} 0.930 ± 0.123
<i>yeast4</i>	[−] 0.668 ± 0.071	¹ 0.591 ± 0.057	¹ 0.599 ± 0.059	[−] 0.772 ± 0.078	[−] 0.766 ± 0.078	^{4,5} 0.819 ± 0.069	^{4,5,6} 0.830 ± 0.071
<i>glass-0-4-vs-5</i>	^{2,3} 0.992 ± 0.016	[−] 0.992 ± 0.016	[−] 0.992 ± 0.016	^{1,2,3} 0.914 ± 0.148	^{1,2,3} 0.915 ± 0.146	^{1,2,3,4,5} 0.915 ± 0.149	^{1,2,3,4,5} 0.918 ± 0.148
<i>yeast6</i>	[−] 0.729 ± 0.089	[−] 0.732 ± 0.086	[−] 0.733 ± 0.086	[−] 0.832 ± 0.089	[−] 0.826 ± 0.086	[−] 0.847 ± 0.076	[−] 0.829 ± 0.086
<i>page-blocks-1-3-vs-4</i>	[−] 0.956 ± 0.064	[−] 0.978 ± 0.053	[−] 0.980 ± 0.052	^{1,2,3} 0.723 ± 0.108	^{1,2,3} 0.823 ± 0.103	^{1,2,3,5} 0.812 ± 0.121	^{1,2,3} 0.885 ± 0.089
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.669 ± 0.095	^{1,4,5,6,7} 0.551 ± 0.059	^{1,4,5,6,7} 0.559 ± 0.061	[−] 0.675 ± 0.103	⁴ 0.657 ± 0.104	⁴ 0.718 ± 0.091	^{4,5,6} 0.708 ± 0.090
<i>ecoli-0-1-3-7-vs-2-6</i>	^{2,3} 0.820 ± 0.209	[−] 0.652 ± 0.206	[−] 0.652 ± 0.206	^{2,3,5} 0.838 ± 0.199	^{2,3} 0.833 ± 0.199	^{1,2,3,4,5} 0.833 ± 0.195	^{1,2,3,4,5} 0.823 ± 0.195
<i>yeast-1-4-5-8-vs-7</i>	^{2,3} 0.546 ± 0.078	[−] 0.501 ± 0.011	[−] 0.503 ± 0.016	^{2,3,5,6,7} 0.620 ± 0.091	^{2,3,7} 0.624 ± 0.091	^{1,2,3,7} 0.651 ± 0.101	^{1,2,3} 0.655 ± 0.087
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.809 ± 0.095	[−] 0.820 ± 0.092	[−] 0.836 ± 0.097	^{1,2,3} 0.881 ± 0.092	^{1,2,3} 0.896 ± 0.079	^{1,2,3} 0.886 ± 0.096	^{1,2,3,5} 0.904 ± 0.079
<i>yeast-2-vs-8</i>	[−] 0.704 ± 0.113	[−] 0.751 ± 0.121	¹ 0.756 ± 0.123	^{1,2,3} 0.776 ± 0.110	^{1,2,3} 0.773 ± 0.114	^{1,2,3} 0.781 ± 0.114	^{1,2,3} 0.773 ± 0.117
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[−] 0.844 ± 0.051	¹ 0.872 ± 0.047	¹ 0.876 ± 0.048	^{1,7} 0.900 ± 0.037	^{1,7} 0.902 ± 0.037	^{1,7} 0.896 ± 0.038	¹ 0.900 ± 0.039
<i>glass2</i>	[−] 0.561 ± 0.118	¹ 0.549 ± 0.077	¹ 0.551 ± 0.077	^{1,2,3} 0.725 ± 0.110	^{1,2,3} 0.746 ± 0.112	^{1,2,3} 0.697 ± 0.097	^{1,2,3} 0.767 ± 0.096
	[−]	[−]	[−]	^{1,2,3,6}	^{1,2,3,6}	^{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>	2.488	2.622	3.354	4.171	4.732	4.854	5.780
	−	−	1,2	1,2	1,2,3,4	1,2,3,4	<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	0.230 ± 0.314	0.252 ± 0.316	0.688 ± 0.163	0.721 ± 0.117	0.652 ± 0.133	0.701 ± 0.097
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2,3,6} 0.828 ± 0.102	^{1,2,3,6} 0.835 ± 0.107	^{1,2,3,6} 0.855 ± 0.091	^{1,2,3,6} 0.878 ± 0.094	^{1,2,3,6} 0.875 ± 0.093	^{1,2,3} 0.881 ± 0.090	^{1,2,3,6} 0.885 ± 0.085
<i>shuttle-c2-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 0.948 ± 0.201	^{1,2} 0.948 ± 0.201	^{1,2} 0.902 ± 0.275	^{1,2} 0.902 ± 0.275	^{1,2} 0.907 ± 0.273	^{1,2} 0.907 ± 0.273
<i>glass-0-1-4-6-vs-2</i>	^{6,7} 0.336 ± 0.298	^{6,7} 0.238 ± 0.298	^{6,7} 0.256 ± 0.309	^{6,7} 0.696 ± 0.129	^{6,7} 0.688 ± 0.181	^{6,7} 0.663 ± 0.097	^{6,7} 0.705 ± 0.153
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,3,6} 0.475 ± 0.209	^{1,2,3,6} 0.240 ± 0.227	^{1,2,3,6} 0.268 ± 0.225	^{1,2,3,6} 0.610 ± 0.124	^{1,2,3} 0.609 ± 0.135	^{1,2,3} 0.683 ± 0.106	^{1,2,3,6} 0.697 ± 0.096
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3} 0.756 ± 0.151	^{2,3} 0.821 ± 0.112	^{2,3} 0.820 ± 0.112	^{1,2,3} 0.884 ± 0.088	^{1,2,3} 0.894 ± 0.088	^{1,2,3,4,5} 0.889 ± 0.087	^{1,2,3,4,5} 0.898 ± 0.085
<i>glass-0-1-6-vs-5</i>	^{1,2,3,6} 0.729 ± 0.343	^{1,2,3,6} 0.882 ± 0.248	^{1,2,3,6} 0.899 ± 0.245	^{1,2,3,6} 0.820 ± 0.273	^{1,2,3,6} 0.842 ± 0.277	^{1,2,3,4} 0.839 ± 0.215	^{1,2,3,5} 0.881 ± 0.218
<i>yeast-2-vs-4</i>	^{4,6} 0.831 ± 0.076	^{1,4,6} 0.810 ± 0.085	^{1,4,5,6} 0.817 ± 0.082	^{4,6} 0.838 ± 0.078	^{4,6} 0.837 ± 0.078	⁴ 0.862 ± 0.082	⁶ 0.858 ± 0.085
<i>glass-0-6-vs-5</i>	^{2,3} 0.846 ± 0.301	^{2,3} 0.894 ± 0.246	^{2,3} 0.900 ± 0.245	^{2,3} 0.709 ± 0.336	^{2,3} 0.746 ± 0.308	^{2,3} 0.746 ± 0.282	^{2,3} 0.787 ± 0.273
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.796 ± 0.143	^{4,5,6,7} 0.815 ± 0.152	^{4,5,6,7} 0.823 ± 0.155	^{4,5,6,7} 0.886 ± 0.112	⁶ 0.895 ± 0.099	⁴ 0.890 ± 0.113	⁶ 0.899 ± 0.100
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,3} 0.588 ± 0.119	^{1,2,3} 0.416 ± 0.166	^{1,2,3} 0.431 ± 0.160	^{1,2,3} 0.566 ± 0.142	^{1,2,3} 0.598 ± 0.134	^{1,2,3} 0.623 ± 0.150	^{1,2,3} 0.689 ± 0.083
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.389 ± 0.300	^{2,3} 0.231 ± 0.305	^{2,3} 0.269 ± 0.314	^{2,3} 0.701 ± 0.170	^{2,3} 0.705 ± 0.158	^{1,2,3,4} 0.658 ± 0.094	^{all} 0.678 ± 0.107
<i>ecoli-0-6-7-vs-5</i>	^{1,2,3,6} 0.811 ± 0.182	^{1,2,3,6} 0.850 ± 0.142	^{1,2,3,6} 0.849 ± 0.143	^{1,2,3,6} 0.857 ± 0.120	^{1,2,3,6,7} 0.859 ± 0.120	^{1,2,3} 0.855 ± 0.123	^{1,2,3} 0.867 ± 0.121
<i>ecoli-0-2-3-4-vs-5</i>	⁶ 0.834 ± 0.109	⁶ 0.839 ± 0.118	⁶ 0.842 ± 0.117	⁶ 0.896 ± 0.095	⁶ 0.906 ± 0.088	^{2,3} 0.894 ± 0.096	^{1,2} 0.907 ± 0.089
<i>ecoli4</i>	^{1,2,3} 0.854 ± 0.106	^{1,2,3} 0.849 ± 0.133	^{1,2,3} 0.854 ± 0.137	^{1,2,3} 0.914 ± 0.093	^{1,2,3} 0.913 ± 0.116	^{1,2,3} 0.922 ± 0.087	^{1,2,3} 0.918 ± 0.107
<i>yeast5</i>	^{1,2,3} 0.793 ± 0.113	^{1,2,3} 0.785 ± 0.090	^{1,2,3} 0.797 ± 0.088	^{1,2,3} 0.937 ± 0.053	^{1,2,3} 0.934 ± 0.061	^{1,2,3} 0.943 ± 0.045	^{1,2,3,5} 0.938 ± 0.056
<i>ecoli-0-4-6-vs-5</i>	^{1,2,3} 0.787 ± 0.136	^{1,2,3} 0.824 ± 0.117	^{1,2,3} 0.831 ± 0.119	^{1,2,3} 0.882 ± 0.096	^{1,2,3} 0.901 ± 0.090	^{1,2,3} 0.881 ± 0.096	^{1,2,3,5} 0.903 ± 0.090
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,3} 0.871 ± 0.081	^{1,2,3} 0.877 ± 0.084	^{1,2,3} 0.882 ± 0.080	^{1,2,3} 0.520 ± 0.203	^{1,2,3} 0.527 ± 0.194	^{1,2,3} 0.885 ± 0.094	^{1,2,3} 0.887 ± 0.104
<i>ecoli-0-1-vs-5</i>	^{4,5} 0.788 ± 0.125	^{1,4,5} 0.827 ± 0.118	^{2,4,5} 0.835 ± 0.124	^{4,5} 0.894 ± 0.087	^{4,5} 0.899 ± 0.084	^{4,5} 0.902 ± 0.081	^{4,5} 0.905 ± 0.081
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2,3} 0.771 ± 0.207	^{1,2,3} 0.806 ± 0.143	^{1,2,3} 0.812 ± 0.137	^{1,2,3} 0.817 ± 0.133	^{1,2,3} 0.822 ± 0.122	^{1,2,3} 0.829 ± 0.125	^{1,2,3} 0.821 ± 0.120
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,7} 0.770 ± 0.117	^{1,7} 0.781 ± 0.131	^{1,7} 0.786 ± 0.133	^{1,7} 0.841 ± 0.106	^{1,7} 0.844 ± 0.097	^{1,7} 0.828 ± 0.103	^{3,4} 0.836 ± 0.094
<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} 0.998 ± 0.006	^{1,2,3} 0.998 ± 0.006
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,3,6} 0.780 ± 0.206	^{1,2,3,6} 0.794 ± 0.180	^{1,2,3,6} 0.806 ± 0.174	^{1,2,3,6} 0.802 ± 0.130	^{1,2,3,6} 0.809 ± 0.128	^{1,2,3,6} 0.826 ± 0.126	^{1,2,3,6} 0.817 ± 0.124
<i>vowel0</i>	^{2,3} 0.962 ± 0.029	⁷ 0.960 ± 0.030	^{2,3} 0.961 ± 0.030	⁷ 0.826 ± 0.068	^{2,3} 0.816 ± 0.082	⁷ 0.878 ± 0.069	^{2,3} 0.866 ± 0.076
<i>glass4</i>	^{4,5,6,7} 0.813 ± 0.193	^{4,5,6,7} 0.809 ± 0.179	^{4,5,6,7} 0.822 ± 0.175	^{4,5,6,7} 0.733 ± 0.254	^{4,5,6,7} 0.745 ± 0.259	^{4,5} 0.743 ± 0.264	^{4,5} 0.822 ± 0.208
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,6} 0.605 ± 0.121	^{4,6} 0.568 ± 0.134	^{4,6} 0.569 ± 0.131	^{4,6} 0.781 ± 0.055	^{4,6} 0.778 ± 0.060	^{4,6} 0.781 ± 0.062	^{4,5,6} 0.796 ± 0.059
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,3} 0.690 ± 0.067	^{1,2,3} 0.686 ± 0.063	^{1,2,3} 0.692 ± 0.061	^{1,2,3} 0.735 ± 0.078	^{1,2,3} 0.741 ± 0.076	^{1,2,3} 0.745 ± 0.074	^{1,2,3,5} 0.751 ± 0.079
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,3,4,5} 0.746 ± 0.175	^{1,2,3,4,5} 0.778 ± 0.139	^{1,2,3,4,5} 0.778 ± 0.139	^{1,2,3,4,5} 0.841 ± 0.105	^{1,2,3,4,5} 0.841 ± 0.108	^{1,2,3,4,5} 0.835 ± 0.108	^{1,2,3,4,5} 0.842 ± 0.109
<i>ecoli-0-3-4-vs-5</i>	^{1,2,3,6} 0.802 ± 0.148	^{1,2,3,6} 0.849 ± 0.143	^{1,2,3,6} 0.849 ± 0.143	^{1,2,3,6} 0.890 ± 0.133	^{1,2,3,6} 0.892 ± 0.169	^{1,2,3} 0.893 ± 0.131	^{1,2,3,4,5} 0.892 ± 0.166
<i>glass5</i>	^{1,2,3} 0.729 ± 0.364	^{1,2,3} 0.807 ± 0.322	^{1,2,3} 0.825 ± 0.324	^{1,2,3} 0.872 ± 0.247	^{1,2,3} 0.875 ± 0.249	^{1,2,3} 0.896 ± 0.168	^{1,2,3} 0.906 ± 0.209
<i>yeast4</i>	^{4,5,6} 0.581 ± 0.126	^{4,5,6} 0.402 ± 0.160	^{4,5,6} 0.423 ± 0.154	^{4,5,6} 0.743 ± 0.104	^{4,5,6} 0.736 ± 0.106	^{4,5} 0.811 ± 0.082	^{4,5,6} 0.824 ± 0.078
<i>glass-0-4-vs-5</i>	^{1,2,3} 0.991 ± 0.017	^{1,2,3} 0.991 ± 0.017	^{1,2,3} 0.991 ± 0.017	^{1,2,3} 0.875 ± 0.251	^{1,2,3} 0.876 ± 0.251	^{1,2,3,4,5} 0.878 ± 0.250	^{1,2,3,4,5} 0.880 ± 0.251
<i>yeast6</i>	^{1,2,3} 0.670 ± 0.136	^{1,2,3} 0.669 ± 0.134	^{1,2,3} 0.671 ± 0.134	^{1,2,3} 0.812 ± 0.112	^{1,2,3} 0.805 ± 0.108	^{1,2,3} 0.837 ± 0.091	^{1,2,3} 0.813 ± 0.105
<i>page-blocks-1-3-vs-4</i>	^{1,2,3,5} 0.952 ± 0.072	^{1,2,3,5} 0.976 ± 0.059	^{1,2,3,5} 0.978 ± 0.057	^{1,2,3,5} 0.634 ± 0.226	^{1,2,3,5} 0.793 ± 0.133	^{1,2,3,5} 0.773 ± 0.182	^{1,2,3} 0.872 ± 0.104
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.582 ± 0.181	^{1,4,5,6,7} 0.231 ± 0.229	^{1,4,5,6,7} 0.262 ± 0.231	⁴ 0.635 ± 0.138	⁴ 0.612 ± 0.158	⁴ 0.706 ± 0.101	^{4,5,6} 0.698 ± 0.094
<i>ecoli-0-1-3-7-vs-2-6</i>	^{2,3} 0.695 ± 0.405	^{2,3} 0.347 ± 0.434	^{2,3} 0.347 ± 0.434	^{1,2,3} 0.733 ± 0.382	^{2,3} 0.729 ± 0.380	^{1,2,3,4,5} 0.727 ± 0.379	^{1,2,3,4,5} 0.719 ± 0.375
<i>yeast-1-4-5-8-vs-7</i>	^{2,3,7} 0.261 ± 0.254	^{2,3,7} 0.008 ± 0.057	^{2,3,7} 0.016 ± 0.080	^{2,3,5,6,7} 0.565 ± 0.144	^{2,3,7} 0.569 ± 0.148	^{1,2,3,7} 0.641 ± 0.106	^{1,2,3} 0.647 ± 0.090
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2,3} 0.784 ± 0.121	^{1,2,3} 0.793 ± 0.122	^{1,2,3} 0.811 ± 0.126	^{1,2,3} 0.867 ± 0.109	^{1,2,3} 0.887 ± 0.088	^{1,2,3,4,5} 0.873 ± 0.117	^{1,2,3,4,5} 0.896 ± 0.090
<i>yeast-2-vs-8</i>	^{1,2,3} 0.598 ± 0.252	^{1,2,3} 0.674 ± 0.223	^{1,2,3} 0.680 ± 0.226	^{1,2,3} 0.728 ± 0.153	^{1,2,3} 0.718 ± 0.181	^{1,2,3} 0.736 ± 0.157	^{1,2,3} 0.722 ± 0.180
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,7} 0.832 ± 0.061	^{1,7} 0.863 ± 0.055	^{1,7} 0.867 ± 0.055	^{1,7} 0.896 ± 0.041	^{1,7} 0.897 ± 0.040	^{1,7} 0.891 ± 0.043	^{1,5} 0.896 ± 0.043
<i>glass2</i>	^{1,2,3} 0.276 ± 0.311	^{1,2,3} 0.198 ± 0.266	^{1,2,3} 0.209 ± 0.268	^{1,2,3} 0.705 ± 0.152	^{1,2,3} 0.730 ± 0.151	^{1,2,3} 0.679 ± 0.093	^{1,2,3} 0.753 ± 0.098
	^{1,2,3,6}	^{1,2,3,6}	^{1,2,3,6}	^{1,2,3,6}	^{1,2,3,6}	^{1,2,3}	^{1,2,3,6}

Table 11: Results for GMEAN metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.585	2.476	3.305	4.122	4.634	4.976	5.902
	—	—	1,2	1,2	1,2,3,4	1,2,3,4	<i>all</i>

Table 12: Results for mean ranks according to GMEAN metric