

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	0.566 ± 0.108	0.569 ± 0.107	0.722 ± 0.119	0.746 ± 0.105	0.682 ± 0.111	0.736 ± 0.080
<i>ecoli-0-3-4-7-vs-5-6</i>	0.843 ± 0.085	0.855 ± 0.086	0.865 ± 0.082	0.888 ± 0.081	0.884 ± 0.077	0.892 ± 0.077	0.895 ± 0.079
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000	0.990 ± 0.048	0.990 ± 0.048	0.910 ± 0.178	0.910 ± 0.178	0.923 ± 0.167	0.923 ± 0.167
<i>glass-0-1-4-6-vs-2</i>	0.573 ± 0.117	0.561 ± 0.095	0.565 ± 0.097	0.739 ± 0.111	0.730 ± 0.123	0.688 ± 0.080	0.739 ± 0.096
<i>yeast-1-2-8-9-vs-7</i>	0.622 ± 0.082	0.534 ± 0.050	0.544 ± 0.053	0.670 ± 0.080	0.676 ± 0.076	0.693 ± 0.093	0.713 ± 0.072
<i>ecoli-0-1-4-6-vs-5</i>	0.792 ± 0.090	0.842 ± 0.092	0.847 ± 0.087	0.894 ± 0.078	0.902 ± 0.077	0.893 ± 0.074	0.903 ± 0.075
<i>glass-0-1-6-vs-5</i>	0.822 ± 0.182	0.914 ± 0.143	0.929 ± 0.138	0.879 ± 0.151	0.899 ± 0.150	0.866 ± 0.139	0.900 ± 0.139
<i>yeast-2-vs-4</i>	0.844 ± 0.064	0.831 ± 0.072	0.831 ± 0.069	0.851 ± 0.067	0.852 ± 0.067	0.873 ± 0.073	0.872 ± 0.071
<i>glass-0-6-vs-5</i>	0.899 ± 0.171	0.913 ± 0.157	0.913 ± 0.157	0.798 ± 0.185	0.810 ± 0.188	0.793 ± 0.171	0.828 ± 0.184
<i>ecoli-0-3-4-6-vs-5</i>	0.821 ± 0.111	0.844 ± 0.124	0.849 ± 0.123	0.898 ± 0.095	0.903 ± 0.089	0.903 ± 0.097	0.906 ± 0.090
<i>yeast-0-3-5-9-vs-7-8</i>	0.656 ± 0.070	0.600 ± 0.053	0.606 ± 0.052	0.662 ± 0.069	0.668 ± 0.072	0.684 ± 0.071	0.707 ± 0.061
<i>glass-0-1-5-vs-2</i>	0.592 ± 0.127	0.556 ± 0.107	0.563 ± 0.108	0.720 ± 0.128	0.715 ± 0.119	0.676 ± 0.097	0.686 ± 0.100
<i>ecoli-0-6-7-vs-5</i>	0.842 ± 0.121	0.871 ± 0.115	0.871 ± 0.115	0.871 ± 0.098	0.873 ± 0.100	0.870 ± 0.104	0.876 ± 0.103
<i>ecoli-0-2-3-4-vs-5</i>	0.850 ± 0.087	0.852 ± 0.092	0.857 ± 0.089	0.906 ± 0.080	0.908 ± 0.078	0.902 ± 0.082	0.910 ± 0.078
<i>ecoli4</i>	0.868 ± 0.091	0.876 ± 0.099	0.884 ± 0.100	0.917 ± 0.088	0.927 ± 0.091	0.925 ± 0.081	0.929 ± 0.090
<i>yeast5</i>	0.819 ± 0.085	0.816 ± 0.063	0.826 ± 0.066	0.941 ± 0.051	0.939 ± 0.052	0.951 ± 0.040	0.943 ± 0.047
<i>ecoli-0-4-6-vs-5</i>	0.814 ± 0.102	0.847 ± 0.102	0.849 ± 0.100	0.897 ± 0.084	0.906 ± 0.082	0.895 ± 0.085	0.908 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.881 ± 0.072	0.885 ± 0.071	0.883 ± 0.070	0.651 ± 0.089	0.650 ± 0.093	0.904 ± 0.070	0.900 ± 0.077
<i>ecoli-0-1-vs-5</i>	0.814 ± 0.099	0.854 ± 0.101	0.861 ± 0.101	0.902 ± 0.076	0.909 ± 0.076	0.907 ± 0.072	0.911 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	0.813 ± 0.129	0.841 ± 0.108	0.844 ± 0.107	0.839 ± 0.106	0.841 ± 0.099	0.841 ± 0.104	0.829 ± 0.104
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.796 ± 0.092	0.808 ± 0.100	0.815 ± 0.098	0.861 ± 0.085	0.860 ± 0.083	0.845 ± 0.086	0.847 ± 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	0.841 ± 0.111	0.843 ± 0.110	0.829 ± 0.105	0.830 ± 0.105	0.841 ± 0.105	0.830 ± 0.106
<i>vowel0</i>	0.963 ± 0.028	0.959 ± 0.028	0.960 ± 0.029	0.823 ± 0.062	0.808 ± 0.068	0.877 ± 0.066	0.860 ± 0.070
<i>glass4</i>	0.846 ± 0.136	0.826 ± 0.125	0.829 ± 0.119	0.790 ± 0.147	0.805 ± 0.152	0.798 ± 0.133	0.861 ± 0.112
<i>yeast-0-5-6-7-9-vs-4</i>	0.670 ± 0.077	0.665 ± 0.068	0.666 ± 0.069	0.791 ± 0.046	0.791 ± 0.048	0.794 ± 0.048	0.797 ± 0.054
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.725 ± 0.050	0.733 ± 0.043	0.736 ± 0.040	0.771 ± 0.057	0.775 ± 0.055	0.773 ± 0.053	0.773 ± 0.058
<i>ecoli-0-1-vs-2-3-5</i>	0.786 ± 0.114	0.808 ± 0.108	0.812 ± 0.111	0.859 ± 0.088	0.859 ± 0.089	0.851 ± 0.092	0.858 ± 0.094
<i>ecoli-0-3-4-vs-5</i>	0.828 ± 0.116	0.867 ± 0.119	0.869 ± 0.118	0.908 ± 0.108	0.910 ± 0.113	0.910 ± 0.106	0.911 ± 0.110
<i>glass5</i>	0.831 ± 0.189	0.883 ± 0.166	0.898 ± 0.165	0.909 ± 0.142	0.912 ± 0.143	0.910 ± 0.111	0.925 ± 0.123
<i>yeast4</i>	0.668 ± 0.071	0.593 ± 0.062	0.598 ± 0.064	0.776 ± 0.077	0.769 ± 0.079	0.827 ± 0.063	0.829 ± 0.061
<i>glass-0-4-vs-5</i>	0.992 ± 0.016	0.992 ± 0.016	0.992 ± 0.016	0.896 ± 0.163	0.898 ± 0.161	0.912 ± 0.150	0.915 ± 0.151
<i>yeast6</i>	0.729 ± 0.089	0.732 ± 0.086	0.733 ± 0.085	0.837 ± 0.086	0.834 ± 0.084	0.847 ± 0.071	0.840 ± 0.083
<i>page-blocks-1-3-vs-4</i>	0.956 ± 0.064	0.980 ± 0.052	0.980 ± 0.052	0.723 ± 0.113	0.807 ± 0.099	0.815 ± 0.124	0.885 ± 0.090
<i>yeast-1-vs-7</i>	0.669 ± 0.095	0.550 ± 0.050	0.565 ± 0.062	0.686 ± 0.111	0.665 ± 0.102	0.728 ± 0.085	0.713 ± 0.095
<i>ecoli-0-1-3-7-vs-2-6</i>	0.820 ± 0.209	0.664 ± 0.210	0.683 ± 0.211	0.837 ± 0.199	0.831 ± 0.199	0.832 ± 0.196	0.830 ± 0.189
<i>yeast-1-4-5-8-vs-7</i>	0.546 ± 0.078	0.501 ± 0.011	0.503 ± 0.016	0.624 ± 0.093	0.630 ± 0.093	0.651 ± 0.089	0.658 ± 0.081
<i>ecoli-0-1-4-7-vs-5-6</i>	0.809 ± 0.095	0.823 ± 0.095	0.834 ± 0.095	0.891 ± 0.088	0.900 ± 0.078	0.889 ± 0.091	0.903 ± 0.077
<i>yeast-2-vs-8</i>	0.704 ± 0.113	0.749 ± 0.124	0.749 ± 0.124	0.776 ± 0.110	0.773 ± 0.114	0.780 ± 0.114	0.773 ± 0.113
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.844 ± 0.051	0.872 ± 0.046	0.876 ± 0.044	0.900 ± 0.039	0.902 ± 0.037	0.897 ± 0.039	0.901 ± 0.038
<i>glass2</i>	0.561 ± 0.118	0.556 ± 0.078	0.557 ± 0.078	0.746 ± 0.099	0.755 ± 0.116	0.705 ± 0.084	0.752 ± 0.088

Table 1: Results for BAC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.537	2.707	3.488	4.146	4.659	4.732	5.732
	—	—	1,2	1,2	1,2,4	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	0.200 ± 0.270	0.205 ± 0.267	0.311 ± 0.102	0.331 ± 0.095	0.246 ± 0.066	0.283 ± 0.060
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.686 ± 0.108	[−] 0.787 ± 0.121	[−] 0.799 ± 0.118	^{1,2,3,6,7} 0.798 ± 0.122	^{1,2,3,6,7} 0.786 ± 0.122	[−] 0.785 ± 0.123	^{2,3,6} 0.768 ± 0.125
<i>shuttle-c2-vs-c4</i>	¹ 1.000 ± 0.000	¹ 0.987 ± 0.065	¹ 0.987 ± 0.065	¹ 0.833 ± 0.348	¹ 0.833 ± 0.348	¹ 0.843 ± 0.327	¹ 0.843 ± 0.327
<i>glass-0-1-4-6-vs-2</i>	^{4,5,6,7} 0.220 ± 0.210	^{4,5,6,7} 0.171 ± 0.233	^{4,5,6,7} 0.188 ± 0.235	[−] 0.329 ± 0.110	[−] 0.322 ± 0.123	[−] 0.235 ± 0.052	[−] 0.279 ± 0.075
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.233 ± 0.137	[−] 0.108 ± 0.152	[−] 0.140 ± 0.160	^{1,2,3,6,7} 0.204 ± 0.077	^{1,2,3,6,7} 0.201 ± 0.069	² 0.133 ± 0.040	^{2,3,6} 0.132 ± 0.026
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3,6,7} 0.606 ± 0.149	[−] 0.771 ± 0.148	[−] 0.776 ± 0.140	^{2,3,6,7} 0.798 ± 0.109	^{2,3,6,7} 0.805 ± 0.111	[−] 0.763 ± 0.110	[−] 0.779 ± 0.114
<i>glass-0-1-6-vs-5</i>	[−] 0.631 ± 0.314	¹ 0.781 ± 0.255	¹ 0.801 ± 0.258	^{1,6} 0.660 ± 0.259	^{1,6,7} 0.730 ± 0.273	¹ 0.504 ± 0.203	¹ 0.665 ± 0.265
<i>yeast-2-vs-4</i>	⁶ 0.707 ± 0.087	^{1,4,6,7} 0.723 ± 0.113	^{1,4,6,7} 0.722 ± 0.109	⁶ 0.768 ± 0.095	^{4,6,7} 0.771 ± 0.093	[−] 0.761 ± 0.103	⁶ 0.742 ± 0.095
<i>glass-0-6-vs-5</i>	[−] 0.793 ± 0.302	[−] 0.827 ± 0.279	[−] 0.827 ± 0.279	^{1,2,3,7} 0.625 ± 0.343	^{1,2,3,7} 0.666 ± 0.348	^{1,2,3,7} 0.497 ± 0.266	[−] 0.628 ± 0.312
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.665 ± 0.186	^{4,5,6,7} 0.759 ± 0.204	^{4,5,6,7} 0.763 ± 0.202	⁶ 0.802 ± 0.146	^{6,7} 0.792 ± 0.147	[−] 0.793 ± 0.152	⁶ 0.786 ± 0.147
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.366 ± 0.116	¹ 0.307 ± 0.136	¹ 0.321 ± 0.129	¹ 0.401 ± 0.128	¹ 0.393 ± 0.128	¹ 0.367 ± 0.102	¹ 0.337 ± 0.074
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.249 ± 0.210	[−] 0.159 ± 0.246	[−] 0.183 ± 0.250	^{2,3,6,7} 0.329 ± 0.117	^{2,3,7} 0.321 ± 0.106	^{2,3,7} 0.263 ± 0.063	[−] 0.272 ± 0.072
<i>ecoli-0-6-7-vs-5</i>	² 0.726 ± 0.208	[−] 0.790 ± 0.184	[−] 0.788 ± 0.184	^{1,2,3,6,7} 0.781 ± 0.155	^{1,2,3,6,7} 0.779 ± 0.159	^{2,3} 0.736 ± 0.172	^{2,3} 0.747 ± 0.173
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.730 ± 0.140	^{1,6,7} 0.784 ± 0.152	^{1,6,7} 0.791 ± 0.149	^{6,7} 0.828 ± 0.116	^{6,7} 0.820 ± 0.120	[−] 0.805 ± 0.126	[−] 0.813 ± 0.116
<i>ecoli4</i>	[−] 0.732 ± 0.138	¹ 0.798 ± 0.150	¹ 0.807 ± 0.150	^{1,2,3,6} 0.860 ± 0.118	¹ 0.848 ± 0.149	¹ 0.830 ± 0.122	¹ 0.799 ± 0.154
<i>yeast5</i>	[−] 0.658 ± 0.137	¹ 0.688 ± 0.100	¹ 0.699 ± 0.102	^{1,2,3,6,7} 0.697 ± 0.082	^{1,2,7} 0.732 ± 0.078	¹ 0.634 ± 0.069	¹ 0.690 ± 0.078
<i>ecoli-0-4-6-vs-5</i>	[−] 0.667 ± 0.159	⁶ 0.768 ± 0.159	⁶ 0.767 ± 0.154	⁶ 0.801 ± 0.131	^{all} 0.809 ± 0.143	[−] 0.789 ± 0.136	⁶ 0.808 ± 0.148
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.778 ± 0.109	¹ 0.716 ± 0.105	¹ 0.714 ± 0.109	¹ 0.401 ± 0.197	¹ 0.393 ± 0.197	¹ 0.746 ± 0.100	¹ 0.724 ± 0.103
<i>ecoli-0-1-vs-5</i>	^{all} 0.666 ± 0.143	^{4,5} 0.784 ± 0.150	^{4,5} 0.793 ± 0.146	[−] 0.863 ± 0.104	[−] 0.866 ± 0.107	^{2,3,4,5,7} 0.835 ± 0.119	^{4,5} 0.845 ± 0.125
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.664 ± 0.218	¹ 0.761 ± 0.180	¹ 0.766 ± 0.179	^{1,2,3} 0.733 ± 0.177	^{1,2,3,6} 0.736 ± 0.169	^{1,2} 0.699 ± 0.192	^{1,2,3} 0.646 ± 0.185
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.611 ± 0.148	^{1,5,6,7} 0.709 ± 0.162	^{1,5,6,7} 0.718 ± 0.159	^{1,6,7} 0.781 ± 0.131	^{1,6,7} 0.779 ± 0.134	⁷ 0.669 ± 0.154	[−] 0.672 ± 0.151
<i>shuttle-c0-vs-c4</i>	[−] 1.000 ± 0.000	^{1,6} 1.000 ± 0.000	^{1,6,7} 1.000 ± 0.000	^{1,2,3,6,7} 0.998 ± 0.006	^{1,2,3,6,7} 0.998 ± 0.006	¹ 0.998 ± 0.006	¹ 0.998 ± 0.006
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.676 ± 0.209	[−] 0.759 ± 0.195	[−] 0.763 ± 0.193	[−] 0.719 ± 0.176	[−] 0.710 ± 0.182	[−] 0.699 ± 0.190	[−] 0.664 ± 0.199
<i>vowel0</i>	[−] 0.921 ± 0.045	^{1,4,5,6,7} 0.915 ± 0.038	^{1,4,5,6,7} 0.916 ± 0.038	⁷ 0.744 ± 0.094	⁷ 0.727 ± 0.098	⁷ 0.822 ± 0.093	[−] 0.801 ± 0.087
<i>glass4</i>	^{4,5,6,7} 0.680 ± 0.227	^{4,5,6,7} 0.682 ± 0.189	^{4,5,6,7} 0.686 ± 0.187	[−] 0.519 ± 0.227	[−] 0.554 ± 0.250	^{4,5} 0.462 ± 0.188	^{4,5} 0.589 ± 0.189
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.391 ± 0.122	^{4,5,6,7} 0.439 ± 0.129	^{4,5,6,7} 0.438 ± 0.132	⁶ 0.530 ± 0.080	^{4,6} 0.533 ± 0.091	[−] 0.437 ± 0.093	^{4,6} 0.430 ± 0.083
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.491 ± 0.084	¹ 0.584 ± 0.081	¹ 0.589 ± 0.075	^{1,2,3,6,7} 0.621 ± 0.094	^{1,2,3,6,7} 0.620 ± 0.089	[−] 0.572 ± 0.099	[−] 0.542 ± 0.117
<i>ecoli-0-1-vs-2-3-5</i>	[−] 0.599 ± 0.183	^{1,7} 0.703 ± 0.185	^{1,7} 0.705 ± 0.190	^{1,2,3,6,7} 0.806 ± 0.123	^{1,2,3,6,7} 0.804 ± 0.133	^{1,7} 0.717 ± 0.156	¹ 0.734 ± 0.164
<i>ecoli-0-3-4-vs-5</i>	[−] 0.683 ± 0.176	¹ 0.789 ± 0.181	¹ 0.793 ± 0.181	^{1,2,3,6,7} 0.825 ± 0.163	^{1,2,3,6,7} 0.820 ± 0.193	¹ 0.824 ± 0.167	¹ 0.817 ± 0.191
<i>glass5</i>	[−] 0.657 ± 0.346	¹ 0.767 ± 0.301	¹ 0.787 ± 0.304	¹ 0.694 ± 0.231	¹ 0.733 ± 0.249	¹ 0.505 ± 0.165	¹ 0.607 ± 0.211
<i>yeast4</i>	⁶ 0.336 ± 0.122	^{1,6,7} 0.268 ± 0.156	^{1,4,6,7} 0.280 ± 0.159	^{6,7} 0.392 ± 0.093	^{6,7} 0.390 ± 0.102	[−] 0.285 ± 0.049	⁶ 0.277 ± 0.044
<i>glass-0-4-vs-5</i>	^{2,3,6,7} 0.942 ± 0.109	[−] 0.942 ± 0.109	[−] 0.942 ± 0.109	^{1,2,3,6,7} 0.825 ± 0.288	^{1,2,3,6,7} 0.833 ± 0.286	[−] 0.829 ± 0.265	[−] 0.852 ± 0.261
<i>yeast6</i>	⁶ 0.422 ± 0.135	⁶ 0.543 ± 0.150	⁶ 0.543 ± 0.149	[−] 0.472 ± 0.113	[−] 0.498 ± 0.104	[−] 0.322 ± 0.084	[−] 0.358 ± 0.098
<i>page-blocks-1-3-vs-4</i>	^{6,7} 0.903 ± 0.084	^{1,4,5,6,7} 0.947 ± 0.078	^{1,4,5,6,7} 0.947 ± 0.078	^{1,6,7} 0.527 ± 0.218	^{1,4,6,7} 0.727 ± 0.165	[−] 0.647 ± 0.201	⁶ 0.820 ± 0.145
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.353 ± 0.151	^{1,4,5,6,7} 0.168 ± 0.157	^{1,4,5,6,7} 0.206 ± 0.182	[−] 0.279 ± 0.106	^{4,6} 0.248 ± 0.100	⁴ 0.249 ± 0.060	^{4,5,6} 0.231 ± 0.057
<i>ecoli-0-1-3-7-vs-2-6</i>	^{all} 0.513 ± 0.327	[−] 0.360 ± 0.436	[−] 0.397 ± 0.430	^{2,3,5,7} 0.516 ± 0.317	^{2,3} 0.450 ± 0.282	² 0.440 ± 0.282	² 0.359 ± 0.233
<i>yeast-1-4-5-8-vs-7</i>	^{2,6,7} 0.119 ± 0.133	[−] 0.006 ± 0.040	[−] 0.011 ± 0.052	^{2,5,6,7} 0.159 ± 0.067	⁷ 0.162 ± 0.066	⁷ 0.132 ± 0.032	[−] 0.135 ± 0.029
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.612 ± 0.134	[−] 0.737 ± 0.155	[−] 0.753 ± 0.149	^{1,2,3,6,7} 0.819 ± 0.122	^{1,2,3,6,7} 0.826 ± 0.119	^{2,3} 0.782 ± 0.152	^{2,3} 0.783 ± 0.123
<i>yeast-2-vs-8</i>	[−] 0.408 ± 0.199	¹ 0.606 ± 0.242	¹ 0.606 ± 0.242	^{1,2,3,6,7} 0.666 ± 0.196	^{1,2,3,6,7} 0.653 ± 0.201	^{1,2} 0.641 ± 0.206	¹ 0.499 ± 0.176
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[−] 0.711 ± 0.076	^{1,7} 0.799 ± 0.071	^{1,7} 0.803 ± 0.068	^{1,2,3,6,7} 0.819 ± 0.060	^{1,7} 0.821 ± 0.058	^{1,7} 0.804 ± 0.071	¹ 0.806 ± 0.065
<i>glass2</i>	[−] 0.167 ± 0.204	¹ 0.170 ± 0.214	¹ 0.173 ± 0.208	^{1,2,6,7} 0.339 ± 0.111	^{1,2,3,6,7} 0.345 ± 0.121	¹ 0.238 ± 0.052	¹ 0.283 ± 0.063
	[−]	[−]	[−]	^{1,2,3,6,7}	^{1,2,3,6,7}	^{1,3}	^{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	3.512	4.293	5.171	5.171	3.390	3.512
	−	−	1,2	1,2,6,7	1,2,6,7	−	−

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	0.353 ± 0.462	0.350 ± 0.451	0.200 ± 0.070	0.213 ± 0.067	0.144 ± 0.041	0.169 ± 0.040
<i>ecoli-0-3-4-7-vs-5-6</i>	⁶ 0.692 ± 0.154	0.905 ± 0.115	0.898 ± 0.124	^{6,7} 0.824 ± 0.139	^{6,7} 0.796 ± 0.140	0.780 ± 0.152	⁶ 0.735 ± 0.146
<i>shuttle-c2-vs-c4</i>	— 1.000 ± 0.000	^{1,4,5,6,7} 1.000 ± 0.000	^{1,4,5,6,7} 1.000 ± 0.000	^{1,6,7} 0.860 ± 0.346	^{1,7} 0.860 ± 0.346	¹ 0.853 ± 0.332	— 0.853 ± 0.332
<i>glass-0-1-4-6-vs-2</i>	^{6,7} 0.258 ± 0.269	^{6,7} 0.266 ± 0.377	^{6,7} 0.296 ± 0.389	— 0.215 ± 0.081	— 0.211 ± 0.089	— 0.136 ± 0.033	— 0.167 ± 0.050
<i>yeast-1-2-8-9-vs-7</i>	^{6,7} 0.212 ± 0.140	— 0.268 ± 0.391	— 0.362 ± 0.428	^{6,7} 0.136 ± 0.063	^{6,7} 0.131 ± 0.050	— 0.074 ± 0.023	⁶ 0.073 ± 0.014
<i>ecoli-0-1-4-6-vs-5</i>	^{4,5,6,7} 0.655 ± 0.218	— 0.924 ± 0.143	^{4,5,6,7} 0.912 ± 0.148	^{6,7} 0.824 ± 0.151	^{6,7} 0.823 ± 0.152	— 0.758 ± 0.171	— 0.765 ± 0.166
<i>glass-0-1-6-vs-5</i>	— 0.680 ± 0.364	^{1,4,5,6,7} 0.780 ± 0.285	^{1,4,5,6,7} 0.780 ± 0.285	^{1,6,7} 0.631 ± 0.306	^{1,6,7} 0.703 ± 0.303	¹ 0.400 ± 0.221	¹ 0.595 ± 0.303
<i>yeast-2-vs-4</i>	^{6,7} 0.709 ± 0.097	^{1,4,5,6,7} 0.789 ± 0.112	^{1,4,5,6,7} 0.785 ± 0.114	⁶ 0.846 ± 0.102	^{4,6,7} 0.852 ± 0.096	— 0.775 ± 0.133	⁶ 0.739 ± 0.141
<i>glass-0-6-vs-5</i>	— 0.808 ± 0.318	^{1,7} 0.850 ± 0.287	^{1,7} 0.850 ± 0.287	^{1,2,3,6,7} 0.705 ± 0.395	^{1,2,3,6,7} 0.750 ± 0.386	^{1,7} 0.442 ± 0.304	— 0.617 ± 0.347
<i>ecoli-0-3-4-6-vs-5</i>	^{6,7} 0.692 ± 0.204	^{6,7} 0.887 ± 0.188	^{6,7} 0.877 ± 0.186	^{6,7} 0.808 ± 0.155	^{6,7} 0.769 ± 0.163	— 0.780 ± 0.166	⁶ 0.752 ± 0.164
<i>yeast-0-3-5-9-vs-7-8</i>	— 0.363 ± 0.130	^{1,4,5,6,7} 0.633 ± 0.270	^{1,4,5,6,7} 0.636 ± 0.250	^{1,5,7} 0.477 ± 0.162	¹ 0.415 ± 0.175	¹ 0.319 ± 0.118	¹ 0.233 ± 0.077
<i>glass-0-1-5-vs-2</i>	^{6,7} 0.302 ± 0.304	^{1,4,5,6,7} 0.256 ± 0.400	^{1,4,5,6,7} 0.306 ± 0.421	^{1,5,6,7} 0.215 ± 0.084	^{6,7} 0.208 ± 0.074	⁷ 0.155 ± 0.040	— 0.162 ± 0.047
<i>ecoli-0-6-7-vs-5</i>	^{6,7} 0.794 ± 0.232	— 0.873 ± 0.176	— 0.870 ± 0.178	^{6,7} 0.833 ± 0.172	^{6,7} 0.822 ± 0.170	— 0.736 ± 0.208	— 0.743 ± 0.201
<i>ecoli-0-2-3-4-vs-5</i>	— 0.769 ± 0.174	^{1,5,6,7} 0.901 ± 0.162	^{1,6,7} 0.903 ± 0.160	^{6,7} 0.853 ± 0.146	^{6,7} 0.828 ± 0.160	— 0.804 ± 0.162	— 0.811 ± 0.160
<i>ecoli4</i>	— 0.743 ± 0.176	^{1,5,6,7} 0.884 ± 0.159	^{1,4,5,6,7} 0.886 ± 0.155	^{1,6,7} 0.917 ± 0.122	— 0.863 ± 0.163	— 0.843 ± 0.174	— 0.770 ± 0.188
<i>yeast5</i>	— 0.703 ± 0.162	^{1,7} 0.769 ± 0.134	^{1,7} 0.767 ± 0.130	^{1,5,6,7} 0.574 ± 0.091	^{1,7} 0.628 ± 0.094	^{1,7} 0.487 ± 0.081	— 0.563 ± 0.090
<i>ecoli-0-4-6-vs-5</i>	^{4,5,6,7} 0.744 ± 0.193	^{1,4,5,6,7} 0.895 ± 0.159	^{1,4,5,6,7} 0.887 ± 0.158	⁶ 0.810 ± 0.166	^{4,6,7} 0.802 ± 0.183	— 0.786 ± 0.175	⁶ 0.797 ± 0.194
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	— 0.797 ± 0.142	^{1,4,5,6,7} 0.658 ± 0.134	^{1,4,5,6,7} 0.658 ± 0.142	¹ 0.590 ± 0.282	¹ 0.559 ± 0.278	— 0.678 ± 0.108	— 0.650 ± 0.103
<i>ecoli-0-1-vs-5</i>	^{all} 0.731 ± 0.181	⁵ 0.931 ± 0.120	⁵ 0.926 ± 0.123	— 0.951 ± 0.101	— 0.936 ± 0.110	⁵ 0.874 ± 0.168	⁵ 0.886 ± 0.156
<i>ecoli-0-2-6-7-vs-3-5</i>	— 0.722 ± 0.252	^{1,6} 0.898 ± 0.182	¹ 0.899 ± 0.178	^{1,6,7} 0.805 ± 0.191	^{1,6,7} 0.797 ± 0.185	¹ 0.722 ± 0.241	¹ 0.631 ± 0.243
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	⁷ 0.611 ± 0.157	^{1,4,5,6,7} 0.871 ± 0.142	^{1,4,5,6,7} 0.871 ± 0.142	^{1,6,7} 0.872 ± 0.141	^{1,6,7} 0.859 ± 0.154	⁷ 0.643 ± 0.202	— 0.647 ± 0.210
<i>shuttle-c0-vs-c4</i>	— 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	— 1.000 ± 0.000	— 1.000 ± 0.000
<i>ecoli-0-6-7-vs-3-5</i>	— 0.735 ± 0.236	— 0.883 ± 0.194	— 0.883 ± 0.194	— 0.805 ± 0.190	— 0.765 ± 0.207	— 0.714 ± 0.229	— 0.660 ± 0.252
<i>vowel0</i>	⁷ 0.911 ± 0.067	^{1,4,5,6,7} 0.906 ± 0.062	^{1,4,5,6,7} 0.908 ± 0.061	^{6,7} 0.877 ± 0.083	^{6,7} 0.903 ± 0.082	⁷ 0.909 ± 0.076	— 0.921 ± 0.071
<i>glass4</i>	⁴ 0.730 ± 0.276	⁴ 0.773 ± 0.238	⁴ 0.765 ± 0.246	— 0.486 ± 0.264	⁴ 0.522 ± 0.288	⁴ 0.381 ± 0.198	^{4,5} 0.509 ± 0.230
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.395 ± 0.139	^{4,5,6,7} 0.660 ± 0.181	^{4,5,6,7} 0.638 ± 0.173	⁶ 0.451 ± 0.113	^{4,6} 0.456 ± 0.124	— 0.313 ± 0.103	⁶ 0.301 ± 0.084
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{6,7} 0.479 ± 0.096	^{1,4,5,6,7} 0.754 ± 0.112	^{1,4,5,6,7} 0.756 ± 0.106	^{1,6,7} 0.695 ± 0.099	^{1,6,7} 0.682 ± 0.102	— 0.589 ± 0.174	— 0.512 ± 0.174
<i>ecoli-0-1-vs-2-3-5</i>	— 0.627 ± 0.198	^{1,4,5,6,7} 0.838 ± 0.177	^{1,4,5,6,7} 0.832 ± 0.184	^{1,6,7} 0.952 ± 0.093	^{1,6,7} 0.938 ± 0.118	^{1,7} 0.734 ± 0.202	— 0.749 ± 0.207
<i>ecoli-0-3-4-vs-5</i>	— 0.738 ± 0.200	^{1,6,7} 0.893 ± 0.156	^{1,6,7} 0.893 ± 0.156	^{1,2,3,6,7} 0.854 ± 0.155	^{1,2,3,6,7} 0.828 ± 0.199	¹ 0.841 ± 0.165	¹ 0.818 ± 0.203
<i>glass5</i>	— 0.707 ± 0.382	^{1,5,6,7} 0.817 ± 0.320	^{1,5,6,7} 0.817 ± 0.320	¹ 0.645 ± 0.272	¹ 0.703 ± 0.287	¹ 0.366 ± 0.155	¹ 0.478 ± 0.217
<i>yeast4</i>	^{6,7} 0.330 ± 0.134	^{4,5,6,7} 0.534 ± 0.289	^{4,5,6,7} 0.547 ± 0.283	^{6,7} 0.297 ± 0.082	^{6,7} 0.299 ± 0.091	— 0.176 ± 0.036	⁶ 0.169 ± 0.031
<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} 0.887 ± 0.285	^{6,7} 0.903 ± 0.279	⁷ 0.867 ± 0.280	— 0.900 ± 0.260
<i>yeast6</i>	— 0.419 ± 0.182	— 0.719 ± 0.200	— 0.716 ± 0.206	— 0.363 ± 0.102	— 0.399 ± 0.097	— 0.209 ± 0.070	— 0.244 ± 0.086
<i>page-blocks-1-3-vs-4</i>	^{6,7} 0.908 ± 0.102	^{1,4,5,6,7} 0.940 ± 0.083	^{1,4,5,6,7} 0.940 ± 0.083	^{6,7} 0.704 ± 0.290	^{4,6,7} 0.942 ± 0.130	— 0.742 ± 0.253	⁶ 0.901 ± 0.156
<i>yeast-1-vs-7</i>	^{4,6} 0.333 ± 0.141	^{1,4,6} 0.490 ± 0.463	^{1,4,6} 0.523 ± 0.448	— 0.194 ± 0.079	^{4,6,7} 0.166 ± 0.072	— 0.150 ± 0.041	^{4,6} 0.137 ± 0.036
<i>ecoli-0-1-3-7-vs-2-6</i>	^{4,5,6,7} 0.465 ± 0.340	^{1,4,5,6,7} 0.420 ± 0.493	^{1,4,5,6,7} 0.460 ± 0.488	^{5,6,7} 0.479 ± 0.358	⁷ 0.393 ± 0.320	— 0.386 ± 0.324	— 0.264 ± 0.205
<i>yeast-1-4-5-8-vs-7</i>	^{6,7} 0.112 ± 0.127	— 0.020 ± 0.139	⁷ 0.030 ± 0.155	^{5,6,7} 0.098 ± 0.043	⁷ 0.099 ± 0.041	⁷ 0.073 ± 0.018	— 0.075 ± 0.016
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.611 ± 0.150	— 0.896 ± 0.127	— 0.897 ± 0.120	^{2,3,6,7} 0.886 ± 0.133	^{2,3,6,7} 0.865 ± 0.148	^{2,3} 0.814 ± 0.189	^{2,3} 0.770 ± 0.171
<i>yeast-2-vs-8</i>	— 0.442 ± 0.271	^{1,6,7} 0.863 ± 0.266	^{1,6,7} 0.863 ± 0.266	^{1,6,7} 0.913 ± 0.179	^{1,6,7} 0.892 ± 0.203	^{1,7} 0.816 ± 0.239	— 0.558 ± 0.282
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	— 0.709 ± 0.082	^{1,7} 0.852 ± 0.083	^{1,7} 0.851 ± 0.083	^{1,6,7} 0.824 ± 0.076	^{1,7} 0.825 ± 0.077	^{1,7} 0.801 ± 0.103	— 0.796 ± 0.099
<i>glass2</i>	— 0.172 ± 0.228	^{1,4,5,6,7} 0.297 ± 0.400	^{1,4,5,6,7} 0.288 ± 0.383	^{1,7} 0.226 ± 0.088	^{1,6,7} 0.229 ± 0.091	¹ 0.138 ± 0.032	¹ 0.170 ± 0.041
	—	—	—	^{1,6,7}	^{1,6,7}	—	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>	3.366	5.817	5.866	4.329	4.134	2.232	2.256
	^{6,7}	^{1,4,5,6,7}	^{1,4,5,6,7}	^{6,7}	^{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}	0.147 ± 0.209 [—]	0.153 ± 0.209 [—]	0.730 ± 0.242 ^{1,2,3}	0.777 ± 0.213 ^{1,2,3}	0.880 ± 0.216 ^{1,2,3,4,5}	0.925 ± 0.160 ^{1,2,3,4,5}
<i>ecoli-0-3-4-7-vs-5-6</i>	0.728 ± 0.182 [—]	0.720 ± 0.174 [—]	0.740 ± 0.166 [—]	0.796 ± 0.162 ^{1,2,3}	0.792 ± 0.149 ^{1,2,3}	0.812 ± 0.151 ^{1,2,3}	0.824 ± 0.153 ^{1,2,3}
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000 ^{4,5,6,7}	0.980 ± 0.097 ^{4,5}	0.980 ± 0.097 ^{4,5}	0.820 ± 0.357 [—]	0.820 ± 0.357 [—]	0.850 ± 0.335 [—]	0.850 ± 0.335 [—]
<i>glass-0-1-4-6-vs-2</i>	0.213 ± 0.216 ²	0.137 ± 0.194 [—]	0.150 ± 0.196 [—]	0.733 ± 0.206 ^{1,2,3}	0.713 ± 0.243 ^{1,2,3}	0.912 ± 0.166 ^{1,2,3,4,5}	0.897 ± 0.192 ^{1,2,3,4,5}
<i>yeast-1-2-8-9-vs-7</i>	0.280 ± 0.168 ^{2,3}	0.070 ± 0.100 [—]	0.090 ± 0.106 [—]	0.437 ± 0.159 ^{1,2,3}	0.453 ± 0.152 ^{1,2,3}	0.663 ± 0.184 ^{1,2,3,4,5}	0.737 ± 0.153 ^{1,2,3,4,5}
<i>ecoli-0-1-4-6-vs-5</i>	0.615 ± 0.188 [—]	0.690 ± 0.184 [—]	0.700 ± 0.173 [—]	0.805 ± 0.160 ^{1,2,3}	0.820 ± 0.158 ^{1,2,3}	0.810 ± 0.154 ^{1,2,3,4,5}	0.830 ± 0.153 ^{all}
<i>glass-0-1-6-vs-5</i>	0.660 ± 0.366 [—]	0.840 ± 0.290 ¹	0.870 ± 0.279 ¹	0.790 ± 0.301 ^{1,2,3}	0.820 ± 0.295 ^{1,2,3}	0.810 ± 0.280 ^{1,2,3}	0.840 ± 0.272 ^{1,2,3}
<i>yeast-2-vs-4</i>	0.722 ± 0.132 [—]	0.683 ± 0.145 ¹	0.683 ± 0.138 ¹	0.717 ± 0.134 [—]	0.719 ± 0.136 ¹	0.773 ± 0.150 ¹	0.779 ± 0.150 ¹
<i>glass-0-6-vs-5</i>	0.820 ± 0.328 [—]	0.840 ± 0.307 [—]	0.840 ± 0.307 [—]	0.620 ± 0.368 ³	0.640 ± 0.361 ³	0.700 ± 0.331 ^{1,2,3,4,5}	0.710 ± 0.347 ^{1,2,3,4,5}
<i>ecoli-0-3-4-6-vs-5</i>	0.680 ± 0.218 ^{4,5}	0.700 ± 0.244 ^{4,5,6,7}	0.710 ± 0.241 ^{4,5,6,7}	0.820 ± 0.187 [—]	0.835 ± 0.170 [—]	0.835 ± 0.191 [—]	0.845 ± 0.172 [—]
<i>yeast-0-3-5-9-vs-7-8</i>	0.394 ± 0.146 [—]	0.214 ± 0.107 [—]	0.228 ± 0.105 [—]	0.374 ± 0.150 ^{1,2,3}	0.408 ± 0.150 ^{1,2,3}	0.500 ± 0.178 ^{1,2,3}	0.686 ± 0.152 ^{1,2,3}
<i>glass-0-1-5-vs-2</i>	0.262 ± 0.252 ^{2,3}	0.128 ± 0.216 [—]	0.145 ± 0.217 [—]	0.742 ± 0.251 ^{2,3}	0.737 ± 0.244 ^{2,3,4}	0.892 ± 0.178 ^{1,2,3,4,5}	0.872 ± 0.193 ^{all}
<i>ecoli-0-6-7-vs-5</i>	0.705 ± 0.243 ^{2,3}	0.755 ± 0.226 [—]	0.755 ± 0.226 [—]	0.760 ± 0.193 ^{1,2,3}	0.765 ± 0.196 ^{1,2,3}	0.775 ± 0.201 ^{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 [—]	0.715 ± 0.180 ¹	0.725 ± 0.175 ¹	0.830 ± 0.161 [—]	0.840 ± 0.156 [—]	0.830 ± 0.161 [—]	0.845 ± 0.157 ¹
<i>ecoli4</i>	0.755 ± 0.183 [—]	0.760 ± 0.199 [—]	0.775 ± 0.201 [—]	0.840 ± 0.178 ^{1,2,3}	0.865 ± 0.181 ^{1,2,3}	0.865 ± 0.167 ^{1,2,3}	0.880 ± 0.181 ^{1,2,3}
<i>yeast5</i>	0.648 ± 0.170 [—]	0.637 ± 0.126 [—]	0.658 ± 0.132 [—]	0.903 ± 0.102 ^{1,2,3}	0.895 ± 0.105 ^{1,2,3}	0.933 ± 0.083 ^{1,2,3}	0.908 ± 0.096 ^{1,2,3}
<i>ecoli-0-4-6-vs-5</i>	0.660 ± 0.210 [—]	0.705 ± 0.204 [—]	0.710 ± 0.202 [—]	0.820 ± 0.166 ^{1,2,3}	0.840 ± 0.156 ^{1,2,3}	0.820 ± 0.166 ^{1,2,3,4,5}	0.845 ± 0.157 ^{1,2,3}
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.782 ± 0.143 [—]	0.812 ± 0.142 [—]	0.809 ± 0.140 [—]	0.323 ± 0.177 ^{1,2,3}	0.326 ± 0.184 ^{1,2,3}	0.845 ± 0.140 ^{1,2,3}	0.843 ± 0.161 ^{1,2,3}
<i>ecoli-0-1-vs-5</i>	0.655 ± 0.205 ^{4,5}	0.715 ± 0.206 ^{4,5}	0.730 ± 0.205 ^{4,5}	0.810 ± 0.154 [—]	0.825 ± 0.152 [—]	0.830 ± 0.145 ^{1,2,3,4,5}	0.835 ± 0.155 ^{1,2,3,4,5}
<i>ecoli-0-2-6-7-vs-3-5</i>	0.659 ± 0.255 [—]	0.693 ± 0.213 [—]	0.698 ± 0.212 ¹	0.698 ± 0.207 ^{1,2,3}	0.704 ± 0.193 ^{1,2,3}	0.725 ± 0.200 ^{1,2,3}	0.722 ± 0.195 ^{1,2,3}
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.632 ± 0.180 [—]	0.627 ± 0.200 [—]	0.641 ± 0.197 [—]	0.733 ± 0.171 [—]	0.733 ± 0.164 [—]	0.737 ± 0.164 ¹	0.744 ± 0.162 [—]
<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 [—]	0.691 ± 0.221 [—]	0.695 ± 0.217 [—]	0.678 ± 0.204 [—]	0.686 ± 0.201 [—]	0.722 ± 0.199 [—]	0.717 ± 0.195 [—]
<i>vowel0</i>	0.936 ± 0.055 [—]	0.929 ± 0.059 [—]	0.930 ± 0.060 [—]	0.657 ± 0.125 [—]	0.623 ± 0.138 [—]	0.762 ± 0.134 ⁴	0.727 ± 0.143 ⁴
<i>glass4</i>	0.717 ± 0.277 ^{4,5,6,7}	0.667 ± 0.253 ^{4,5,6,7}	0.673 ± 0.240 ^{4,5,6,7}	0.633 ± 0.290 [—]	0.657 ± 0.295 [—]	0.683 ± 0.269 ^{4,5}	0.780 ± 0.224 ^{4,5}
<i>yeast-0-5-6-7-9-vs-4</i>	0.412 ± 0.159 [—]	0.353 ± 0.142 [—]	0.357 ± 0.143 [—]	0.680 ± 0.103 [—]	0.681 ± 0.102 [—]	0.814 ± 0.116 [—]	0.826 ± 0.128 ^{2,3,4,5,6}
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.512 ± 0.097 ^{2,3}	0.483 ± 0.086 [—]	0.489 ± 0.080 [—]	0.571 ± 0.114 ^{1,2,3}	0.580 ± 0.112 ^{1,2,3}	0.606 ± 0.126 ^{1,2,3,4,5}	0.634 ± 0.131 ^{1,2,3,4,5}
<i>ecoli-0-1-vs-2-3-5</i>	0.615 ± 0.230 ^{2,3}	0.630 ± 0.213 [—]	0.638 ± 0.219 [—]	0.723 ± 0.178 ^{1,2,3}	0.723 ± 0.178 ^{1,2,3}	0.739 ± 0.180 ^{1,2,3,4,5}	0.749 ± 0.180 ^{all}
<i>ecoli-0-3-4-vs-5</i>	0.690 ± 0.237 [—]	0.745 ± 0.237 [—]	0.750 ± 0.234 [—]	0.835 ± 0.215 ^{1,2,3}	0.840 ± 0.222 ^{1,2,3}	0.840 ± 0.210 ^{1,2,3}	0.845 ± 0.217 ^{1,2,3}
<i>glass5</i>	0.670 ± 0.382 [—]	0.770 ± 0.334 [—]	0.800 ± 0.331 [—]	0.840 ± 0.290 ^{1,2,3}	0.840 ± 0.290 ^{1,2,3}	0.900 ± 0.223 ^{1,2,3}	0.900 ± 0.244 ^{1,2,3}
<i>yeast4</i>	0.364 ± 0.141 [—]	0.192 ± 0.125 ¹	0.203 ± 0.129 ¹	0.607 ± 0.159 ¹	0.591 ± 0.161 ¹	0.790 ± 0.140 ^{1,2}	0.802 ± 0.133 ^{1,2}
<i>glass-0-4-vs-5</i>	1.000 ± 0.000 ^{2,3}	1.000 ± 0.000 [—]	1.000 ± 0.000 [—]	0.800 ± 0.316 ^{1,2,3}	0.800 ± 0.316 ^{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 ± 0.172 ^{4,5,6,7}	0.706 ± 0.174 [—]	0.694 ± 0.171 [—]	0.774 ± 0.151 [—]	0.743 ± 0.176 [—]
<i>page-blocks-1-3-vs-4</i>	0.918 ± 0.131 [—]	0.963 ± 0.104 [—]	0.963 ± 0.104 [—]	0.458 ± 0.229 ^{1,2,3}	0.617 ± 0.198 ^{1,2,3}	0.651 ± 0.256 ^{1,2,3,4,5}	0.777 ± 0.178 ^{1,2,3,4,5}
<i>yeast-1-vs-7</i>	0.393 ± 0.190 ^{4,5,6,7}	0.103 ± 0.099 ^{4,5,6,7}	0.133 ± 0.124 ^{4,5,6,7}	0.540 ± 0.222 [—]	0.520 ± 0.207 ⁴	0.777 ± 0.171 ⁴	0.773 ± 0.210 ^{4,5,6}
<i>ecoli-0-1-3-7-vs-2-6</i>	0.660 ± 0.417 ^{2,3}	0.330 ± 0.419 [—]	0.370 ± 0.422 [—]	0.700 ± 0.400 ^{1,2,3}	0.700 ± 0.400 ^{1,2,3}	0.700 ± 0.400 ^{1,2,3,4,5}	0.720 ± 0.389 ^{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 [—]	0.437 ± 0.179 ^{2,3}	0.447 ± 0.180 ^{2,3}	0.720 ± 0.189 ^{2,3}	0.730 ± 0.162 ^{2,3}
<i>ecoli-0-1-4-7-vs-5-6</i>	0.656 ± 0.200 ^{2,3}	0.652 ± 0.191 [—]	0.676 ± 0.191 [—]	0.792 ± 0.178 ^{1,2,3}	0.812 ± 0.157 ^{1,2,3}	0.800 ± 0.183 ^{1,2,3,4,5}	0.832 ± 0.156 ^{1,2,3,4,5}
<i>yeast-2-vs-8</i>	0.435 ± 0.233 [—]	0.500 ± 0.250 [—]	0.500 ± 0.250 [—]	0.555 ± 0.219 ^{1,2,3}	0.550 ± 0.229 ^{1,2,3}	0.570 ± 0.223 ^{1,2,3}	0.585 ± 0.242 ^{1,2,3}
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.721 ± 0.102 [—]	0.760 ± 0.092 ¹	0.767 ± 0.087 ¹	0.819 ± 0.078 ^{1,2,3}	0.823 ± 0.073 ^{1,2,3}	0.818 ± 0.078 ^{1,2,3}	0.828 ± 0.078 ^{1,2,3}
<i>glass2</i>	0.187 ± 0.238 [—]	0.125 ± 0.157 ¹	0.132 ± 0.159 ¹	0.715 ± 0.191 ^{1,2,3}	0.738 ± 0.209 ^{1,2,3}	0.908 ± 0.150 ^{1,2,3}	0.892 ± 0.168 ^{1,2,3}
	—	—	—	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>	2.805	2.378	3.244	3.659	4.207	5.500	6.207
	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	0.566 ± 0.108	0.569 ± 0.107	0.722 ± 0.119	0.746 ± 0.105	0.682 ± 0.111	0.736 ± 0.080
<i>ecoli-0-3-4-7-vs-5-6</i>	$\overline{\quad}$ 0.843 ± 0.085	$\overline{\quad}$ 0.855 ± 0.086	$\overline{\quad}$ 0.865 ± 0.082	$\overline{\quad}$ 0.888 ± 0.081	$\overline{\quad}$ 0.884 ± 0.077	$\overline{\quad}$ 0.892 ± 0.077	$\overline{\quad}$ 0.895 ± 0.079
<i>shuttle-c2-vs-c4</i>	$\overline{\quad}$ 1.000 ± 0.000	$\overline{\quad}$ 0.990 ± 0.048	$\overline{\quad}$ 0.990 ± 0.048	$\overline{\quad}$ 0.910 ± 0.178	$\overline{\quad}$ 0.910 ± 0.178	$\overline{\quad}$ 0.923 ± 0.167	$\overline{\quad}$ 0.923 ± 0.167
<i>glass-0-1-4-6-vs-2</i>	$\overline{\quad}$ 0.573 ± 0.117	$\overline{\quad}$ 0.561 ± 0.095	$\overline{\quad}$ 0.565 ± 0.097	$\overline{\quad}$ 0.739 ± 0.111	$\overline{\quad}$ 0.730 ± 0.123	$\overline{\quad}$ 0.688 ± 0.080	$\overline{\quad}$ 0.739 ± 0.096
<i>yeast-1-2-8-9-vs-7</i>	$\overline{\quad}$ 0.622 ± 0.082	$\overline{\quad}$ 0.534 ± 0.050	$\overline{\quad}$ 0.544 ± 0.053	$\overline{\quad}$ 0.670 ± 0.080	$\overline{\quad}$ 0.676 ± 0.076	$\overline{\quad}$ 0.693 ± 0.093	$\overline{\quad}$ 0.713 ± 0.072
<i>ecoli-0-1-4-6-vs-5</i>	$\overline{\quad}$ 0.792 ± 0.090	$\overline{\quad}$ 0.842 ± 0.092	$\overline{\quad}$ 0.847 ± 0.087	$\overline{\quad}$ 0.894 ± 0.078	$\overline{\quad}$ 0.902 ± 0.077	$\overline{\quad}$ 0.893 ± 0.074	$\overline{\quad}$ 0.903 ± 0.075
<i>glass-0-1-6-vs-5</i>	$\overline{\quad}$ 0.822 ± 0.182	$\overline{\quad}$ 0.914 ± 0.143	$\overline{\quad}$ 0.929 ± 0.138	$\overline{\quad}$ 0.879 ± 0.151	$\overline{\quad}$ 0.899 ± 0.150	$\overline{\quad}$ 0.866 ± 0.139	$\overline{\quad}$ 0.900 ± 0.139
<i>yeast-2-vs-4</i>	$\overline{\quad}$ 0.844 ± 0.064	$\overline{\quad}$ 0.831 ± 0.072	$\overline{\quad}$ 0.831 ± 0.069	$\overline{\quad}$ 0.851 ± 0.067	$\overline{\quad}$ 0.852 ± 0.067	$\overline{\quad}$ 0.873 ± 0.073	$\overline{\quad}$ 0.872 ± 0.071
<i>glass-0-6-vs-5</i>	$\overline{\quad}$ 0.899 ± 0.171	$\overline{\quad}$ 0.913 ± 0.157	$\overline{\quad}$ 0.913 ± 0.157	$\overline{\quad}$ 0.798 ± 0.185	$\overline{\quad}$ 0.810 ± 0.188	$\overline{\quad}$ 0.793 ± 0.171	$\overline{\quad}$ 0.828 ± 0.184
<i>ecoli-0-3-4-6-vs-5</i>	$\overline{\quad}$ 0.821 ± 0.111	$\overline{\quad}$ 0.844 ± 0.124	$\overline{\quad}$ 0.849 ± 0.123	$\overline{\quad}$ 0.898 ± 0.095	$\overline{\quad}$ 0.903 ± 0.089	$\overline{\quad}$ 0.903 ± 0.097	$\overline{\quad}$ 0.906 ± 0.090
<i>yeast-0-3-5-9-vs-7-8</i>	$\overline{\quad}$ 0.656 ± 0.070	$\overline{\quad}$ 0.600 ± 0.053	$\overline{\quad}$ 0.606 ± 0.052	$\overline{\quad}$ 0.662 ± 0.069	$\overline{\quad}$ 0.668 ± 0.072	$\overline{\quad}$ 0.684 ± 0.071	$\overline{\quad}$ 0.707 ± 0.061
<i>glass-0-1-5-vs-2</i>	$\overline{\quad}$ 0.592 ± 0.127	$\overline{\quad}$ 0.556 ± 0.107	$\overline{\quad}$ 0.563 ± 0.108	$\overline{\quad}$ 0.720 ± 0.128	$\overline{\quad}$ 0.715 ± 0.119	$\overline{\quad}$ 0.676 ± 0.097	$\overline{\quad}$ 0.686 ± 0.100
<i>ecoli-0-6-7-vs-5</i>	$\overline{\quad}$ 0.842 ± 0.121	$\overline{\quad}$ 0.871 ± 0.115	$\overline{\quad}$ 0.871 ± 0.115	$\overline{\quad}$ 0.871 ± 0.098	$\overline{\quad}$ 0.873 ± 0.100	$\overline{\quad}$ 0.870 ± 0.104	$\overline{\quad}$ 0.876 ± 0.103
<i>ecoli-0-2-3-4-vs-5</i>	$\overline{\quad}$ 0.850 ± 0.087	$\overline{\quad}$ 0.852 ± 0.092	$\overline{\quad}$ 0.857 ± 0.089	$\overline{\quad}$ 0.906 ± 0.080	$\overline{\quad}$ 0.908 ± 0.078	$\overline{\quad}$ 0.902 ± 0.082	$\overline{\quad}$ 0.910 ± 0.078
<i>ecoli4</i>	$\overline{\quad}$ 0.868 ± 0.091	$\overline{\quad}$ 0.876 ± 0.099	$\overline{\quad}$ 0.884 ± 0.100	$\overline{\quad}$ 0.917 ± 0.088	$\overline{\quad}$ 0.927 ± 0.091	$\overline{\quad}$ 0.925 ± 0.081	$\overline{\quad}$ 0.929 ± 0.090
<i>yeast5</i>	$\overline{\quad}$ 0.819 ± 0.085	$\overline{\quad}$ 0.816 ± 0.063	$\overline{\quad}$ 0.826 ± 0.066	$\overline{\quad}$ 0.941 ± 0.051	$\overline{\quad}$ 0.939 ± 0.052	$\overline{\quad}$ 0.951 ± 0.040	$\overline{\quad}$ 0.943 ± 0.047
<i>ecoli-0-4-6-vs-5</i>	$\overline{\quad}$ 0.814 ± 0.102	$\overline{\quad}$ 0.847 ± 0.102	$\overline{\quad}$ 0.849 ± 0.100	$\overline{\quad}$ 0.897 ± 0.084	$\overline{\quad}$ 0.906 ± 0.082	$\overline{\quad}$ 0.895 ± 0.085	$\overline{\quad}$ 0.908 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	$\overline{\quad}$ 0.881 ± 0.072	$\overline{\quad}$ 0.885 ± 0.071	$\overline{\quad}$ 0.883 ± 0.070	$\overline{\quad}$ 0.651 ± 0.089	$\overline{\quad}$ 0.650 ± 0.093	$\overline{\quad}$ 0.904 ± 0.070	$\overline{\quad}$ 0.900 ± 0.077
<i>ecoli-0-1-vs-5</i>	$\overline{\quad}$ 0.814 ± 0.099	$\overline{\quad}$ 0.854 ± 0.101	$\overline{\quad}$ 0.861 ± 0.101	$\overline{\quad}$ 0.902 ± 0.076	$\overline{\quad}$ 0.909 ± 0.076	$\overline{\quad}$ 0.907 ± 0.072	$\overline{\quad}$ 0.911 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	$\overline{\quad}$ 0.813 ± 0.129	$\overline{\quad}$ 0.841 ± 0.108	$\overline{\quad}$ 0.844 ± 0.107	$\overline{\quad}$ 0.839 ± 0.106	$\overline{\quad}$ 0.841 ± 0.099	$\overline{\quad}$ 0.841 ± 0.104	$\overline{\quad}$ 0.829 ± 0.104
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	$\overline{\quad}$ 0.796 ± 0.092	$\overline{\quad}$ 0.808 ± 0.100	$\overline{\quad}$ 0.815 ± 0.098	$\overline{\quad}$ 0.861 ± 0.085	$\overline{\quad}$ 0.860 ± 0.083	$\overline{\quad}$ 0.845 ± 0.086	$\overline{\quad}$ 0.847 ± 0.082
<i>shuttle-c0-vs-c4</i>	$\overline{\quad}$ 1.000 ± 0.000	$\overline{\quad}$ 1.000 ± 0.000	$\overline{\quad}$ 1.000 ± 0.000	$\overline{\quad}$ 0.998 ± 0.006	$\overline{\quad}$ 0.998 ± 0.006	$\overline{\quad}$ 0.998 ± 0.006	$\overline{\quad}$ 0.998 ± 0.006
<i>ecoli-0-6-7-vs-3-5</i>	$\overline{\quad}$ 0.821 ± 0.123	$\overline{\quad}$ 0.841 ± 0.111	$\overline{\quad}$ 0.843 ± 0.110	$\overline{\quad}$ 0.829 ± 0.105	$\overline{\quad}$ 0.830 ± 0.105	$\overline{\quad}$ 0.841 ± 0.105	$\overline{\quad}$ 0.830 ± 0.106
<i>vowel0</i>	$\overline{\quad}$ 0.963 ± 0.028	$\overline{\quad}$ 0.959 ± 0.028	$\overline{\quad}$ 0.960 ± 0.029	$\overline{\quad}$ 0.823 ± 0.062	$\overline{\quad}$ 0.808 ± 0.068	$\overline{\quad}$ 0.877 ± 0.066	$\overline{\quad}$ 0.860 ± 0.070
<i>glass4</i>	$\overline{\quad}$ 0.846 ± 0.136	$\overline{\quad}$ 0.826 ± 0.125	$\overline{\quad}$ 0.829 ± 0.119	$\overline{\quad}$ 0.790 ± 0.147	$\overline{\quad}$ 0.805 ± 0.152	$\overline{\quad}$ 0.798 ± 0.133	$\overline{\quad}$ 0.861 ± 0.112
<i>yeast-0-5-6-7-9-vs-4</i>	$\overline{\quad}$ 0.670 ± 0.077	$\overline{\quad}$ 0.665 ± 0.068	$\overline{\quad}$ 0.666 ± 0.069	$\overline{\quad}$ 0.791 ± 0.046	$\overline{\quad}$ 0.791 ± 0.048	$\overline{\quad}$ 0.794 ± 0.048	$\overline{\quad}$ 0.797 ± 0.054
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	$\overline{\quad}$ 0.725 ± 0.050	$\overline{\quad}$ 0.733 ± 0.043	$\overline{\quad}$ 0.736 ± 0.040	$\overline{\quad}$ 0.771 ± 0.057	$\overline{\quad}$ 0.775 ± 0.055	$\overline{\quad}$ 0.773 ± 0.053	$\overline{\quad}$ 0.773 ± 0.058
<i>ecoli-0-1-vs-2-3-5</i>	$\overline{\quad}$ 0.786 ± 0.114	$\overline{\quad}$ 0.808 ± 0.108	$\overline{\quad}$ 0.812 ± 0.111	$\overline{\quad}$ 0.859 ± 0.088	$\overline{\quad}$ 0.859 ± 0.089	$\overline{\quad}$ 0.851 ± 0.092	$\overline{\quad}$ 0.858 ± 0.094
<i>ecoli-0-3-4-vs-5</i>	$\overline{\quad}$ 0.828 ± 0.116	$\overline{\quad}$ 0.867 ± 0.119	$\overline{\quad}$ 0.869 ± 0.118	$\overline{\quad}$ 0.908 ± 0.108	$\overline{\quad}$ 0.910 ± 0.113	$\overline{\quad}$ 0.910 ± 0.106	$\overline{\quad}$ 0.911 ± 0.110
<i>glass5</i>	$\overline{\quad}$ 0.831 ± 0.189	$\overline{\quad}$ 0.883 ± 0.166	$\overline{\quad}$ 0.898 ± 0.165	$\overline{\quad}$ 0.909 ± 0.142	$\overline{\quad}$ 0.912 ± 0.143	$\overline{\quad}$ 0.910 ± 0.111	$\overline{\quad}$ 0.925 ± 0.123
<i>yeast4</i>	$\overline{\quad}$ 0.668 ± 0.071	$\overline{\quad}$ 0.593 ± 0.062	$\overline{\quad}$ 0.598 ± 0.064	$\overline{\quad}$ 0.776 ± 0.077	$\overline{\quad}$ 0.769 ± 0.079	$\overline{\quad}$ 0.827 ± 0.063	$\overline{\quad}$ 0.829 ± 0.061
<i>glass-0-4-vs-5</i>	$\overline{\quad}$ 0.992 ± 0.016	$\overline{\quad}$ 0.992 ± 0.016	$\overline{\quad}$ 0.992 ± 0.016	$\overline{\quad}$ 0.896 ± 0.163	$\overline{\quad}$ 0.898 ± 0.161	$\overline{\quad}$ 0.912 ± 0.150	$\overline{\quad}$ 0.915 ± 0.151
<i>yeast6</i>	$\overline{\quad}$ 0.729 ± 0.089	$\overline{\quad}$ 0.732 ± 0.086	$\overline{\quad}$ 0.733 ± 0.085	$\overline{\quad}$ 0.837 ± 0.086	$\overline{\quad}$ 0.834 ± 0.084	$\overline{\quad}$ 0.847 ± 0.071	$\overline{\quad}$ 0.840 ± 0.083
<i>page-blocks-1-3-vs-4</i>	$\overline{\quad}$ 0.956 ± 0.064	$\overline{\quad}$ 0.980 ± 0.052	$\overline{\quad}$ 0.980 ± 0.052	$\overline{\quad}$ 0.723 ± 0.113	$\overline{\quad}$ 0.807 ± 0.099	$\overline{\quad}$ 0.815 ± 0.124	$\overline{\quad}$ 0.885 ± 0.090
<i>yeast-1-vs-7</i>	$\overline{\quad}$ 0.669 ± 0.095	$\overline{\quad}$ 0.550 ± 0.050	$\overline{\quad}$ 0.565 ± 0.062	$\overline{\quad}$ 0.686 ± 0.111	$\overline{\quad}$ 0.665 ± 0.102	$\overline{\quad}$ 0.728 ± 0.085	$\overline{\quad}$ 0.713 ± 0.095
<i>ecoli-0-1-3-7-vs-2-6</i>	$\overline{\quad}$ 0.820 ± 0.209	$\overline{\quad}$ 0.664 ± 0.210	$\overline{\quad}$ 0.683 ± 0.211	$\overline{\quad}$ 0.837 ± 0.199	$\overline{\quad}$ 0.831 ± 0.199	$\overline{\quad}$ 0.832 ± 0.196	$\overline{\quad}$ 0.830 ± 0.189
<i>yeast-1-4-5-8-vs-7</i>	$\overline{\quad}$ 0.546 ± 0.078	$\overline{\quad}$ 0.501 ± 0.011	$\overline{\quad}$ 0.503 ± 0.016	$\overline{\quad}$ 0.624 ± 0.093	$\overline{\quad}$ 0.630 ± 0.093	$\overline{\quad}$ 0.651 ± 0.089	$\overline{\quad}$ 0.658 ± 0.081
<i>ecoli-0-1-4-7-vs-5-6</i>	$\overline{\quad}$ 0.809 ± 0.095	$\overline{\quad}$ 0.823 ± 0.095	$\overline{\quad}$ 0.834 ± 0.095	$\overline{\quad}$ 0.891 ± 0.088	$\overline{\quad}$ 0.900 ± 0.078	$\overline{\quad}$ 0.889 ± 0.091	$\overline{\quad}$ 0.903 ± 0.077
<i>yeast-2-vs-8</i>	$\overline{\quad}$ 0.704 ± 0.113	$\overline{\quad}$ 0.749 ± 0.124	$\overline{\quad}$ 0.749 ± 0.124	$\overline{\quad}$ 0.776 ± 0.110	$\overline{\quad}$ 0.773 ± 0.114	$\overline{\quad}$ 0.780 ± 0.114	$\overline{\quad}$ 0.773 ± 0.113
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	$\overline{\quad}$ 0.844 ± 0.051	$\overline{\quad}$ 0.872 ± 0.046	$\overline{\quad}$ 0.876 ± 0.044	$\overline{\quad}$ 0.900 ± 0.039	$\overline{\quad}$ 0.902 ± 0.037	$\overline{\quad}$ 0.897 ± 0.039	$\overline{\quad}$ 0.901 ± 0.038
<i>glass2</i>	$\overline{\quad}$ 0.561 ± 0.118	$\overline{\quad}$ 0.556 ± 0.078	$\overline{\quad}$ 0.557 ± 0.078	$\overline{\quad}$ 0.746 ± 0.099	$\overline{\quad}$ 0.755 ± 0.116	$\overline{\quad}$ 0.705 ± 0.084	$\overline{\quad}$ 0.752 ± 0.088

Table 9: Results for AUC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.537	2.707	3.488	4.146	4.659	4.732	5.732
	—	—	1,2	1,2	1,2,4	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	0.232 ± 0.303	0.243 ± 0.305	0.704 ± 0.154	0.735 ± 0.111	0.637 ± 0.128	0.703 ± 0.081
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2,3,6} 0.828 ± 0.102	^{1,2,3,6} 0.838 ± 0.104	^{1,2,3,6} 0.850 ± 0.097	^{1,2,3,6} 0.878 ± 0.094	^{1,2,3,6,7} 0.875 ± 0.087	^{1,2,3} 0.884 ± 0.085	^{1,2,3,6} 0.888 ± 0.086
<i>shuttle-c2-vs-c4</i>	^{1,2} 1.000 ± 0.000	^{1,2} 0.988 ± 0.057	¹ 0.988 ± 0.057	^{1,2} 0.837 ± 0.346	^{1,2} 0.837 ± 0.346	^{1,2} 0.861 ± 0.325	^{1,2,3} 0.861 ± 0.325
<i>glass-0-1-4-6-vs-2</i>	^{4,5,6,7} 0.336 ± 0.298	^{4,5,6,7} 0.222 ± 0.290	^{4,5,6,7} 0.245 ± 0.294	^{1,2,3,6} 0.729 ± 0.119	^{1,2,3,6} 0.711 ± 0.160	^{1,2,3} 0.640 ± 0.085	^{1,2,3,6} 0.712 ± 0.098
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,3} 0.475 ± 0.209	^{1,2,3} 0.157 ± 0.212	^{1,2,3} 0.201 ± 0.222	^{1,2,3,6} 0.617 ± 0.119	^{1,2,3,6} 0.628 ± 0.113	^{1,2,3} 0.684 ± 0.106	^{1,2,3,6} 0.708 ± 0.070
<i>ecoli-0-1-4-6-vs-5</i>	^{2,3} 0.756 ± 0.151	^{2,3} 0.820 ± 0.116	^{2,3} 0.827 ± 0.107	^{1,2,3} 0.885 ± 0.089	^{1,2,3} 0.893 ± 0.088	^{1,2,3,4,5} 0.884 ± 0.084	^{1,2,3,4,5} 0.896 ± 0.084
<i>glass-0-1-6-vs-5</i>	^{1,2,3,6} 0.729 ± 0.343	^{1,2,3,6} 0.876 ± 0.249	^{1,2,3,6} 0.893 ± 0.247	^{1,2,3,6} 0.838 ± 0.248	^{1,2,3,6} 0.861 ± 0.250	^{1,2,3} 0.836 ± 0.213	^{1,2,3,5} 0.872 ± 0.218
<i>yeast-2-vs-4</i>	^{1,4,6} 0.831 ± 0.076	^{1,4,6} 0.812 ± 0.092	^{1,4,6,7} 0.813 ± 0.086	⁶ 0.836 ± 0.078	^{1,4,6} 0.838 ± 0.079	^{1,2,3} 0.862 ± 0.084	^{5,6} 0.862 ± 0.081
<i>glass-0-6-vs-5</i>	^{2,3} 0.846 ± 0.301	^{2,3} 0.868 ± 0.276	^{2,3} 0.868 ± 0.276	^{2,3} 0.695 ± 0.350	^{2,3} 0.718 ± 0.341	^{1,2,3} 0.736 ± 0.280	^{1,2,3,4,5} 0.762 ± 0.312
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.796 ± 0.143	^{4,5,6,7} 0.817 ± 0.159	^{4,5,6,7} 0.823 ± 0.155	^{1,2,3,6} 0.889 ± 0.108	^{1,2,3,6} 0.895 ± 0.099	⁴ 0.894 ± 0.110	⁶ 0.899 ± 0.100
<i>yeast-0-3-5-9-vs-7-8</i>	¹ 0.588 ± 0.119	¹ 0.435 ± 0.145	¹ 0.454 ± 0.134	^{1,2,3} 0.578 ± 0.140	^{1,2,3} 0.599 ± 0.135	^{1,2,3} 0.638 ± 0.136	^{1,2,3} 0.697 ± 0.067
<i>glass-0-1-5-vs-2</i>	^{2,3} 0.389 ± 0.300	^{2,3} 0.196 ± 0.295	^{2,3} 0.227 ± 0.300	^{2,3} 0.701 ± 0.160	^{2,3} 0.695 ± 0.152	^{1,2,3,4,5} 0.633 ± 0.091	^{all} 0.650 ± 0.099
<i>ecoli-0-6-7-vs-5</i>	² 0.811 ± 0.182	² 0.852 ± 0.142	² 0.852 ± 0.142	^{1,2,3,6,7} 0.856 ± 0.117	^{1,2,3,6,7} 0.859 ± 0.119	^{1,2,3} 0.857 ± 0.121	^{1,2,3} 0.864 ± 0.120
<i>ecoli-0-2-3-4-vs-5</i>	¹ 0.834 ± 0.109	¹ 0.834 ± 0.114	¹ 0.840 ± 0.111	¹ 0.898 ± 0.090	⁶ 0.902 ± 0.087	^{2,3,4} 0.895 ± 0.091	⁵ 0.903 ± 0.087
<i>ecoli4</i>	^{1,2,3,6} 0.854 ± 0.106	^{1,2,3,6} 0.859 ± 0.122	^{1,2,3,6} 0.868 ± 0.123	^{1,2,3,6} 0.908 ± 0.101	^{1,2,3} 0.919 ± 0.108	^{1,2,3} 0.918 ± 0.092	^{1,2,3} 0.921 ± 0.107
<i>yeast5</i>	^{1,2,3} 0.793 ± 0.113	^{1,2,3} 0.792 ± 0.078	^{1,2,3} 0.804 ± 0.081	^{1,2,3} 0.938 ± 0.055	^{1,2,3} 0.936 ± 0.056	^{1,2,3} 0.949 ± 0.042	^{1,2,3,5} 0.941 ± 0.050
<i>ecoli-0-4-6-vs-5</i>	^{1,2,3} 0.787 ± 0.136	^{1,2,3} 0.825 ± 0.129	^{1,2,3} 0.827 ± 0.127	^{1,2,3} 0.889 ± 0.094	^{1,2,3} 0.900 ± 0.090	^{1,2,3} 0.887 ± 0.095	^{1,2,3,5} 0.902 ± 0.091
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,3} 0.871 ± 0.081	^{1,2,3} 0.878 ± 0.079	^{1,2,3} 0.877 ± 0.078	^{1,2,3} 0.525 ± 0.202	^{1,2,3} 0.529 ± 0.196	^{1,2,3} 0.898 ± 0.078	^{1,2,3} 0.892 ± 0.093
<i>ecoli-0-1-vs-5</i>	^{4,5} 0.788 ± 0.125	^{1,4,5} 0.832 ± 0.129	^{1,4,5} 0.842 ± 0.125	^{1,4,5} 0.893 ± 0.087	^{1,4,5} 0.901 ± 0.085	^{2,3,4,5} 0.900 ± 0.080	^{4,5} 0.903 ± 0.087
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.771 ± 0.207	¹ 0.816 ± 0.138	¹ 0.820 ± 0.137	^{1,2,3} 0.817 ± 0.133	^{1,2,3} 0.821 ± 0.123	^{1,2,3} 0.824 ± 0.126	^{1,2,3} 0.814 ± 0.123
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,7} 0.770 ± 0.117	^{1,7} 0.776 ± 0.135	^{1,7} 0.785 ± 0.133	^{1,7} 0.845 ± 0.105	^{1,7} 0.845 ± 0.100	⁷ 0.832 ± 0.102	⁷ 0.835 ± 0.095
<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} 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} 0.810 ± 0.170	^{1,2,3,6} 0.813 ± 0.169	^{1,2,3,6} 0.805 ± 0.130	^{1,2,3,6} 0.808 ± 0.128	^{1,2,3,6} 0.823 ± 0.126	^{1,2,3,6} 0.814 ± 0.126
<i>vowel0</i>	^{2,3,7} 0.962 ± 0.029	^{2,3,7} 0.958 ± 0.030	^{2,3,7} 0.959 ± 0.031	^{2,3,7} 0.802 ± 0.078	^{2,3,7} 0.782 ± 0.085	^{2,3,7} 0.866 ± 0.079	^{2,3,5} 0.845 ± 0.084
<i>glass4</i>	^{4,5,6,7} 0.813 ± 0.193	^{4,5,6,7} 0.789 ± 0.181	^{4,5,6,7} 0.795 ± 0.174	^{4,5,6,7} 0.732 ± 0.252	^{4,5,6,7} 0.749 ± 0.258	^{4,5} 0.767 ± 0.182	^{4,5} 0.847 ± 0.128
<i>yeast-0-5-6-7-9-vs-4</i>	⁴ 0.605 ± 0.121	⁴ 0.574 ± 0.121	⁴ 0.576 ± 0.122	⁴ 0.780 ± 0.054	⁴ 0.780 ± 0.056	⁵ 0.786 ± 0.052	^{4,6} 0.789 ± 0.057
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,3} 0.690 ± 0.067	^{1,2,3} 0.686 ± 0.061	^{1,2,3} 0.691 ± 0.057	^{1,2,3} 0.741 ± 0.076	^{1,2,3} 0.746 ± 0.074	^{1,2,3} 0.749 ± 0.071	^{1,2,3} 0.754 ± 0.073
<i>ecoli-0-1-vs-2-3-5</i>	^{1,2,3} 0.746 ± 0.175	^{1,2,3} 0.775 ± 0.144	^{1,2,3} 0.780 ± 0.147	^{1,2,3} 0.841 ± 0.107	^{1,2,3} 0.841 ± 0.108	^{1,2,3} 0.837 ± 0.109	^{1,2,3} 0.844 ± 0.111
<i>ecoli-0-3-4-vs-5</i>	^{1,2,3,6} 0.802 ± 0.148	^{1,2,3,6} 0.846 ± 0.147	^{1,2,3,6} 0.849 ± 0.145	^{1,2,3,6} 0.896 ± 0.131	^{1,2,3,6} 0.891 ± 0.170	^{1,2,3} 0.898 ± 0.129	^{1,2,3,4,5} 0.893 ± 0.167
<i>glass5</i>	^{1,2} 0.729 ± 0.364	^{1,2} 0.822 ± 0.301	^{1,2} 0.839 ± 0.302	^{1,2} 0.871 ± 0.247	^{1,2} 0.873 ± 0.248	^{1,2} 0.894 ± 0.165	^{1,2} 0.901 ± 0.207
<i>yeast4</i>	^{1,2,3} 0.581 ± 0.126	^{1,2,3} 0.397 ± 0.183	^{1,2,3} 0.411 ± 0.178	^{1,2,3} 0.751 ± 0.099	^{1,2,3} 0.741 ± 0.104	^{4,5,6} 0.822 ± 0.069	^{4,5,6} 0.825 ± 0.065
<i>glass-0-4-vs-5</i>	^{2,3} 0.991 ± 0.017	^{2,3} 0.991 ± 0.017	^{2,3} 0.991 ± 0.017	^{1,2,3} 0.848 ± 0.279	^{1,2,3} 0.849 ± 0.279	^{1,2,3,4,5} 0.875 ± 0.249	^{1,2,3,4,5} 0.878 ± 0.250
<i>yeast6</i>	^{4,5,6,7} 0.670 ± 0.136	^{4,5,6,7} 0.669 ± 0.134	^{4,5,6,7} 0.672 ± 0.132	^{4,5,6,7} 0.819 ± 0.108	^{4,5,6,7} 0.815 ± 0.105	^{4,5,6,7} 0.839 ± 0.083	^{4,5,6,7} 0.827 ± 0.102
<i>page-blocks-1-3-vs-4</i>	^{1,2,3,5} 0.952 ± 0.072	^{1,2,3,5} 0.978 ± 0.057	^{1,2,3,5} 0.978 ± 0.057	^{1,2,3,5} 0.632 ± 0.227	^{1,2,3} 0.773 ± 0.131	^{1,2,3} 0.775 ± 0.188	^{1,2,3} 0.872 ± 0.105
<i>yeast-1-vs-7</i>	^{4,5,6,7} 0.582 ± 0.181	^{1,4,5,6,7} 0.238 ± 0.214	^{1,4,5,6,7} 0.282 ± 0.230	^{1,4,5,6,7} 0.655 ± 0.137	⁴ 0.629 ± 0.153	⁴ 0.718 ± 0.086	^{4,5,6} 0.699 ± 0.098
<i>ecoli-0-1-3-7-vs-2-6</i>	^{2,3} 0.695 ± 0.405	^{2,3} 0.367 ± 0.441	^{2,3} 0.415 ± 0.443	^{1,2,3,5} 0.731 ± 0.381	^{2,3} 0.727 ± 0.379	^{1,2,3,4,5} 0.726 ± 0.379	^{1,2,3,4,5} 0.736 ± 0.361
<i>yeast-1-4-5-8-vs-7</i>	^{2,3} 0.261 ± 0.254	^{2,3} 0.008 ± 0.057	^{2,3} 0.016 ± 0.079	^{2,3,5,6} 0.578 ± 0.144	^{2,3} 0.585 ± 0.145	^{1,2,3} 0.638 ± 0.090	^{all} 0.648 ± 0.076
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3} 0.784 ± 0.121	^{2,3} 0.795 ± 0.125	^{2,3} 0.810 ± 0.124	^{1,2,3} 0.879 ± 0.103	^{1,2,3} 0.891 ± 0.087	^{1,2,3,4,5} 0.877 ± 0.110	^{1,2,3,4,5} 0.896 ± 0.085
<i>yeast-2-vs-8</i>	^{1,2,3,6} 0.598 ± 0.252	^{1,2,3,6} 0.668 ± 0.227	^{1,2,3,6} 0.668 ± 0.227	^{1,2,3,6} 0.728 ± 0.153	^{1,2,3,6} 0.718 ± 0.181	^{1,2,3} 0.735 ± 0.157	^{1,2,3,5} 0.725 ± 0.178
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,2,3,7} 0.832 ± 0.061	^{1,2,3,7} 0.863 ± 0.053	^{1,2,3,7} 0.868 ± 0.050	^{1,2,3,7} 0.895 ± 0.043	^{1,2,3,7} 0.897 ± 0.040	^{1,7} 0.892 ± 0.043	^{1,5} 0.897 ± 0.042
<i>glass2</i>	^{1,2,3} 0.276 ± 0.311	^{1,2,3} 0.221 ± 0.272	^{1,2,3} 0.232 ± 0.274	^{1,2,3} 0.731 ± 0.139	^{1,2,3} 0.741 ± 0.152	^{1,2,3} 0.669 ± 0.080	^{1,2,3} 0.732 ± 0.090

Table 11: Results for GMEAN metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.610	2.512	3.390	4.098	4.561	4.951	5.878
	—	—	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