

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.522 ± 0.062	0.672 ± 0.127	0.670 ± 0.122	0.735 ± 0.121	0.749 ± 0.093	0.739 ± 0.112	0.748 ± 0.094
<i>ecoli-0-3-4-7-vs-5-6</i>	0.869 ± 0.097	0.895 ± 0.080	0.892 ± 0.080	0.880 ± 0.077	0.876 ± 0.080	0.890 ± 0.079	0.879 ± 0.080
<i>shuttle-c2-vs-c4</i>	0.585 ± 0.177	0.995 ± 0.034	0.995 ± 0.034	0.855 ± 0.218	0.930 ± 0.166	0.865 ± 0.213	0.930 ± 0.166
<i>glass-0-1-4-6-vs-2</i>	0.518 ± 0.062	0.702 ± 0.113	0.688 ± 0.121	0.720 ± 0.138	0.745 ± 0.108	0.722 ± 0.110	0.745 ± 0.106
<i>yeast-1-2-8-9-vs-7</i>	0.508 ± 0.024	0.631 ± 0.082	0.633 ± 0.082	0.617 ± 0.090	0.636 ± 0.091	0.649 ± 0.100	0.679 ± 0.082
<i>ecoli-0-1-4-6-vs-5</i>	0.886 ± 0.091	0.916 ± 0.074	0.918 ± 0.075	0.900 ± 0.079	0.906 ± 0.078	0.902 ± 0.077	0.906 ± 0.078
<i>glass-0-1-6-vs-5</i>	0.668 ± 0.151	0.889 ± 0.138	0.884 ± 0.157	0.837 ± 0.159	0.822 ± 0.165	0.823 ± 0.164	0.831 ± 0.161
<i>yeast-2-vs-4</i>	0.820 ± 0.066	0.871 ± 0.061	0.877 ± 0.059	0.834 ± 0.062	0.845 ± 0.067	0.841 ± 0.065	0.851 ± 0.066
<i>glass-0-6-vs-5</i>	0.714 ± 0.194	0.920 ± 0.139	0.935 ± 0.111	0.785 ± 0.200	0.797 ± 0.181	0.821 ± 0.175	0.811 ± 0.177
<i>ecoli-0-3-4-6-vs-5</i>	0.895 ± 0.094	0.915 ± 0.087	0.915 ± 0.086	0.892 ± 0.087	0.901 ± 0.091	0.898 ± 0.089	0.898 ± 0.091
<i>yeast-0-3-5-9-vs-7-8</i>	0.641 ± 0.058	0.707 ± 0.062	0.709 ± 0.060	0.649 ± 0.061	0.649 ± 0.063	0.660 ± 0.059	0.659 ± 0.061
<i>glass-0-1-5-vs-2</i>	0.533 ± 0.066	0.673 ± 0.141	0.670 ± 0.131	0.727 ± 0.135	0.728 ± 0.105	0.709 ± 0.128	0.723 ± 0.104
<i>ecoli-0-6-7-vs-5</i>	0.840 ± 0.108	0.868 ± 0.101	0.865 ± 0.102	0.867 ± 0.103	0.872 ± 0.104	0.870 ± 0.099	0.871 ± 0.106
<i>ecoli-0-2-3-4-vs-5</i>	0.890 ± 0.083	0.912 ± 0.080	0.912 ± 0.079	0.909 ± 0.081	0.907 ± 0.080	0.909 ± 0.081	0.910 ± 0.080
<i>ecoli4</i>	0.894 ± 0.100	0.919 ± 0.098	0.918 ± 0.097	0.922 ± 0.090	0.935 ± 0.084	0.923 ± 0.097	0.929 ± 0.086
<i>yeast5</i>	0.821 ± 0.064	0.937 ± 0.045	0.933 ± 0.048	0.922 ± 0.062	0.936 ± 0.052	0.936 ± 0.057	0.932 ± 0.048
<i>ecoli-0-4-6-vs-5</i>	0.901 ± 0.084	0.916 ± 0.082	0.916 ± 0.081	0.905 ± 0.082	0.906 ± 0.083	0.903 ± 0.084	0.905 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.635 ± 0.077	0.898 ± 0.068	0.860 ± 0.118	0.609 ± 0.081	0.661 ± 0.090	0.875 ± 0.086	0.873 ± 0.115
<i>ecoli-0-1-vs-5</i>	0.891 ± 0.089	0.920 ± 0.074	0.919 ± 0.074	0.904 ± 0.076	0.910 ± 0.075	0.908 ± 0.074	0.915 ± 0.073
<i>ecoli-0-2-6-7-vs-3-5</i>	0.797 ± 0.125	0.857 ± 0.090	0.867 ± 0.080	0.834 ± 0.105	0.836 ± 0.103	0.843 ± 0.093	0.840 ± 0.097
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.833 ± 0.100	0.850 ± 0.084	0.854 ± 0.079	0.861 ± 0.082	0.858 ± 0.087	0.862 ± 0.079	0.858 ± 0.085
<i>shuttle-c0-vs-c4</i>	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008	0.996 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	0.792 ± 0.119	0.854 ± 0.102	0.863 ± 0.105	0.828 ± 0.104	0.827 ± 0.106	0.828 ± 0.103	0.831 ± 0.101
<i>vowel0</i>	0.970 ± 0.038	0.996 ± 0.019	0.997 ± 0.019	0.805 ± 0.063	0.913 ± 0.062	0.923 ± 0.058	0.922 ± 0.056
<i>glass4</i>	0.750 ± 0.158	0.909 ± 0.143	0.907 ± 0.143	0.783 ± 0.142	0.814 ± 0.155	0.779 ± 0.149	0.828 ± 0.153
<i>yeast-0-5-6-7-9-vs-4</i>	0.649 ± 0.074	0.800 ± 0.055	0.798 ± 0.055	0.778 ± 0.060	0.793 ± 0.048	0.784 ± 0.060	0.805 ± 0.053
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.756 ± 0.042	0.791 ± 0.045	0.789 ± 0.047	0.766 ± 0.051	0.778 ± 0.052	0.761 ± 0.055	0.774 ± 0.052
<i>ecoli-0-1-vs-2-3-5</i>	0.833 ± 0.093	0.876 ± 0.090	0.877 ± 0.091	0.853 ± 0.088	0.862 ± 0.090	0.859 ± 0.088	0.858 ± 0.085
<i>ecoli-0-3-4-vs-5</i>	0.903 ± 0.105	0.915 ± 0.100	0.914 ± 0.099	0.914 ± 0.102	0.913 ± 0.102	0.912 ± 0.102	0.908 ± 0.105
<i>glass5</i>	0.648 ± 0.165	0.814 ± 0.203	0.834 ± 0.194	0.810 ± 0.179	0.847 ± 0.174	0.798 ± 0.175	0.853 ± 0.175
<i>yeast4</i>	0.555 ± 0.043	0.725 ± 0.078	0.727 ± 0.077	0.736 ± 0.067	0.744 ± 0.070	0.759 ± 0.082	0.782 ± 0.078
<i>glass-0-4-vs-5</i>	0.744 ± 0.204	0.982 ± 0.045	0.983 ± 0.044	0.819 ± 0.160	0.864 ± 0.166	0.839 ± 0.162	0.829 ± 0.166
<i>yeast6</i>	0.757 ± 0.091	0.823 ± 0.090	0.829 ± 0.086	0.835 ± 0.084	0.843 ± 0.087	0.844 ± 0.080	0.856 ± 0.085
<i>page-blocks-1-3-vs-4</i>	0.818 ± 0.106	0.922 ± 0.078	0.905 ± 0.083	0.752 ± 0.115	0.802 ± 0.100	0.808 ± 0.124	0.803 ± 0.106
<i>yeast-1-vs-7</i>	0.529 ± 0.043	0.641 ± 0.104	0.638 ± 0.103	0.639 ± 0.084	0.631 ± 0.098	0.646 ± 0.096	0.661 ± 0.099
<i>ecoli-0-1-3-7-vs-2-6</i>	0.850 ± 0.200	0.839 ± 0.197	0.843 ± 0.200	0.844 ± 0.206	0.840 ± 0.208	0.829 ± 0.199	0.838 ± 0.205
<i>yeast-1-4-5-8-vs-7</i>	0.501 ± 0.010	0.565 ± 0.081	0.570 ± 0.085	0.581 ± 0.094	0.588 ± 0.092	0.617 ± 0.103	0.610 ± 0.090
<i>ecoli-0-1-4-7-vs-5-6</i>	0.865 ± 0.098	0.897 ± 0.074	0.902 ± 0.067	0.888 ± 0.077	0.885 ± 0.080	0.894 ± 0.073	0.891 ± 0.081
<i>yeast-2-vs-8</i>	0.774 ± 0.114	0.768 ± 0.113	0.773 ± 0.111	0.773 ± 0.116	0.776 ± 0.111	0.773 ± 0.116	0.775 ± 0.111
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.892 ± 0.042	0.894 ± 0.040	0.892 ± 0.040	0.896 ± 0.040	0.902 ± 0.038	0.895 ± 0.041	0.900 ± 0.039
<i>glass2</i>	0.547 ± 0.083	0.708 ± 0.109	0.695 ± 0.114	0.759 ± 0.118	0.757 ± 0.113	0.746 ± 0.105	0.752 ± 0.110

Table 1: Results for BAC metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.610	5.061	4.902	3.244	4.329	4.134	4.720
	—	1,4,6	1,4	1	1,4	1,4	1,4,6

Table 2: Results for mean ranks according to BAC metric

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.088 ± 0.169	0.334 ± 0.169	0.332 ± 0.168	0.342 ± 0.115	0.326 ± 0.086	0.315 ± 0.090	0.325 ± 0.084
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.813 ± 0.131	¹ 0.768 ± 0.116	¹ 0.752 ± 0.115	^{1,6} 0.803 ± 0.115	¹ 0.785 ± 0.127	¹ 0.781 ± 0.125	¹ 0.774 ± 0.131
<i>shuttle-c2-vs-c4</i>	^{2,3,7} 0.180 ± 0.366	³ 0.993 ± 0.046	^{1,4,6} 0.993 ± 0.046	^{2,3,5,6,7} 0.720 ± 0.433	¹ 0.867 ± 0.326	¹ 0.740 ± 0.423	¹ 0.867 ± 0.326
<i>glass-0-1-4-6-vs-2</i>	^{1,4,6} 0.074 ± 0.165	^{1,4,6} 0.354 ± 0.148	^{1,4,6} 0.340 ± 0.161	¹ 0.324 ± 0.133	¹ 0.322 ± 0.103	¹ 0.302 ± 0.103	¹ 0.323 ± 0.099
<i>yeast-1-2-8-9-vs-7</i>	^{1,6,7} 0.026 ± 0.079	^{1,6,7} 0.235 ± 0.125	¹ 0.229 ± 0.119	^{1,6} 0.173 ± 0.100	¹ 0.164 ± 0.095	¹ 0.167 ± 0.087	¹ 0.184 ± 0.066
<i>ecoli-0-1-4-6-vs-5</i>	^{all} 0.845 ± 0.127	^{all} 0.843 ± 0.110	^{1,4,5,6,7} 0.839 ± 0.112	¹ 0.829 ± 0.105	¹ 0.827 ± 0.108	¹ 0.831 ± 0.106	¹ 0.827 ± 0.107
<i>glass-0-1-6-vs-5</i>	¹ 0.332 ± 0.282	¹ 0.626 ± 0.242	¹ 0.620 ± 0.280	¹ 0.550 ± 0.249	¹ 0.499 ± 0.253	¹ 0.534 ± 0.256	¹ 0.510 ± 0.250
<i>yeast-2-vs-4</i>	^{1,4,5,7} 0.752 ± 0.104	^{1,4,5,7} 0.748 ± 0.086	^{1,4,5,7} 0.757 ± 0.090	^{1,5,7} 0.754 ± 0.095	¹ 0.762 ± 0.100	^{1,5,7} 0.745 ± 0.102	¹ 0.753 ± 0.097
<i>glass-0-6-vs-5</i>	¹ 0.490 ± 0.393	¹ 0.787 ± 0.265	¹ 0.807 ± 0.220	¹ 0.602 ± 0.374	¹ 0.625 ± 0.333	¹ 0.665 ± 0.317	¹ 0.640 ± 0.318
<i>ecoli-0-3-4-6-vs-5</i>	^{1,4,5,6,7} 0.853 ± 0.140	^{1,4,5,6,7} 0.833 ± 0.135	^{1,4,5,6,7} 0.833 ± 0.126	¹ 0.778 ± 0.148	¹ 0.782 ± 0.157	¹ 0.790 ± 0.151	¹ 0.776 ± 0.158
<i>yeast-0-3-5-9-vs-7-8</i>	^{4,5,6,7} 0.397 ± 0.126	^{4,5,6,7} 0.407 ± 0.084	^{4,5,6,7} 0.400 ± 0.079	¹ 0.401 ± 0.125	¹ 0.392 ± 0.127	¹ 0.406 ± 0.113	¹ 0.403 ± 0.119
<i>glass-0-1-5-vs-2</i>	¹ 0.113 ± 0.179	¹ 0.327 ± 0.175	¹ 0.322 ± 0.156	¹ 0.347 ± 0.126	¹ 0.325 ± 0.093	¹ 0.311 ± 0.105	¹ 0.319 ± 0.089
<i>ecoli-0-6-7-vs-5</i>	¹ 0.774 ± 0.170	¹ 0.727 ± 0.153	¹ 0.710 ± 0.146	^{1,5,6,7} 0.785 ± 0.170	¹ 0.775 ± 0.169	¹ 0.772 ± 0.158	¹ 0.752 ± 0.178
<i>ecoli-0-2-3-4-vs-5</i>	^{2,3} 0.852 ± 0.121	^{2,3} 0.822 ± 0.130	^{2,3} 0.821 ± 0.128	^{2,3,7} 0.828 ± 0.139	^{2,3} 0.816 ± 0.135	^{2,3} 0.828 ± 0.138	³ 0.817 ± 0.133
<i>ecoli4</i>	^{5,7} 0.853 ± 0.143	^{5,7} 0.807 ± 0.146	^{5,7} 0.791 ± 0.148	¹ 0.868 ± 0.133	¹ 0.862 ± 0.136	¹ 0.848 ± 0.153	¹ 0.822 ± 0.138
<i>yeast5</i>	^{2,3} 0.706 ± 0.114	^{2,3} 0.707 ± 0.074	^{2,3,7} 0.697 ± 0.080	^{2,3,7} 0.709 ± 0.086	^{2,3,7} 0.702 ± 0.077	^{2,3,7} 0.689 ± 0.085	³ 0.693 ± 0.075
<i>ecoli-0-4-6-vs-5</i>	^{3,6} 0.860 ± 0.134	^{3,6} 0.850 ± 0.140	^{3,6} 0.850 ± 0.135	⁶ 0.801 ± 0.137	⁶ 0.792 ± 0.143	⁶ 0.801 ± 0.137	⁶ 0.787 ± 0.146
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{4,5,6,7} 0.388 ± 0.185	^{4,5,6,7} 0.678 ± 0.098	^{4,5,6,7} 0.639 ± 0.163	⁷ 0.314 ± 0.189	⁷ 0.405 ± 0.182	⁷ 0.729 ± 0.122	⁷ 0.668 ± 0.163
<i>ecoli-0-1-vs-5</i>	⁴ 0.855 ± 0.117	^{1,4,5} 0.862 ± 0.100	^{1,4,5} 0.858 ± 0.104	¹ 0.874 ± 0.099	⁴ 0.875 ± 0.102	^{all} 0.876 ± 0.099	^{1,4,5} 0.876 ± 0.102
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.699 ± 0.217	¹ 0.721 ± 0.135	¹ 0.727 ± 0.131	¹ 0.732 ± 0.178	¹ 0.731 ± 0.173	¹ 0.723 ± 0.159	¹ 0.710 ± 0.178
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	¹ 0.773 ± 0.159	¹ 0.687 ± 0.128	¹ 0.679 ± 0.111	¹ 0.798 ± 0.114	¹ 0.783 ± 0.132	¹ 0.781 ± 0.117	¹ 0.766 ± 0.139
<i>shuttle-c0-vs-c4</i>	^{2,3} 0.996 ± 0.008	^{2,3} 0.996 ± 0.008	^{2,3,6,7} 0.996 ± 0.008	^{2,3,6,7} 0.995 ± 0.008	^{2,3,7} 0.995 ± 0.008	^{2,3} 0.995 ± 0.008	^{2,3} 0.995 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.689 ± 0.199	¹ 0.718 ± 0.169	¹ 0.717 ± 0.169	¹ 0.728 ± 0.181	¹ 0.722 ± 0.181	¹ 0.706 ± 0.177	¹ 0.715 ± 0.174
<i>vowel0</i>	¹ 0.963 ± 0.046	¹ 0.990 ± 0.026	¹ 0.991 ± 0.025	⁶ 0.710 ± 0.102	⁶ 0.852 ± 0.086	⁶ 0.869 ± 0.074	⁶ 0.885 ± 0.077
<i>glass4</i>	^{4,5,6,7} 0.572 ± 0.309	^{1,4,5,6,7} 0.707 ± 0.249	^{1,4,5,6,7} 0.689 ± 0.242	¹ 0.527 ± 0.221	⁴ 0.559 ± 0.247	⁴ 0.514 ± 0.232	^{4,5} 0.582 ± 0.243
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,6} 0.405 ± 0.157	^{1,4,5,6,7} 0.555 ± 0.077	^{1,4,5,6,7} 0.549 ± 0.078	¹ 0.561 ± 0.085	¹ 0.561 ± 0.089	¹ 0.489 ± 0.077	^{4,6} 0.528 ± 0.083
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,6} 0.626 ± 0.075	^{1,6} 0.550 ± 0.060	^{1,6} 0.537 ± 0.064	^{1,6,7} 0.625 ± 0.085	^{1,6,7} 0.626 ± 0.085	¹ 0.601 ± 0.099	^{1,6} 0.633 ± 0.084
<i>ecoli-0-1-vs-2-3-5</i>	^{2,3,6} 0.773 ± 0.150	³ 0.744 ± 0.131	³ 0.743 ± 0.141	^{2,3,6} 0.802 ± 0.135	^{2,3,6} 0.810 ± 0.136	^{2,3} 0.800 ± 0.135	^{2,3,6} 0.785 ± 0.135
<i>ecoli-0-3-4-vs-5</i>	¹ 0.861 ± 0.162	¹ 0.836 ± 0.158	¹ 0.829 ± 0.156	^{2,3} 0.828 ± 0.161	^{1,2,3,7} 0.818 ± 0.161	^{2,3} 0.827 ± 0.164	^{2,3} 0.811 ± 0.171
<i>glass5</i>	^{all} 0.325 ± 0.332	¹ 0.519 ± 0.318	¹ 0.558 ± 0.307	¹ 0.476 ± 0.273	¹ 0.462 ± 0.224	¹ 0.442 ± 0.241	¹ 0.478 ± 0.232
<i>yeast4</i>	^{1,5,6} 0.170 ± 0.122	^{1,5,6} 0.385 ± 0.108	^{1,4,5,6,7} 0.374 ± 0.100	^{1,6} 0.394 ± 0.096	¹ 0.399 ± 0.094	¹ 0.348 ± 0.091	¹ 0.360 ± 0.080
<i>glass-0-4-vs-5</i>	¹ 0.547 ± 0.415	¹ 0.908 ± 0.141	¹ 0.909 ± 0.135	^{1,6,7} 0.622 ± 0.281	^{1,6,7} 0.689 ± 0.296	¹ 0.626 ± 0.283	¹ 0.644 ± 0.295
<i>yeast6</i>	^{1,4,5,6,7} 0.553 ± 0.158	^{1,4,5,6,7} 0.494 ± 0.123	^{1,4,5,6,7} 0.494 ± 0.120	¹ 0.540 ± 0.117	¹ 0.513 ± 0.122	¹ 0.479 ± 0.101	¹ 0.469 ± 0.130
<i>page-blocks-1-3-vs-4</i>	^{2,3,5,6,7} 0.648 ± 0.152	¹ 0.691 ± 0.116	¹ 0.685 ± 0.124	^{2,3,5,6,7} 0.524 ± 0.211	^{6,7} 0.613 ± 0.160	^{6,7} 0.614 ± 0.209	^{6,7} 0.660 ± 0.186
<i>yeast-1-vs-7</i>	⁴ 0.101 ± 0.143	^{4,5,6} 0.292 ± 0.155	^{4,5,6} 0.281 ± 0.144	¹ 0.246 ± 0.088	⁴ 0.237 ± 0.110	⁴ 0.226 ± 0.079	^{4,5} 0.243 ± 0.089
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.727 ± 0.386	^{all} 0.530 ± 0.314	^{1,5,6,7} 0.608 ± 0.357	^{1,6} 0.677 ± 0.389	¹ 0.643 ± 0.380	¹ 0.441 ± 0.271	¹ 0.569 ± 0.347
<i>yeast-1-4-5-8-vs-7</i>	^{2,3,5,6,7} 0.004 ± 0.031	⁶ 0.142 ± 0.109	^{2,6} 0.145 ± 0.106	^{2,6,7} 0.135 ± 0.084	^{2,6} 0.131 ± 0.065	¹ 0.156 ± 0.080	⁶ 0.142 ± 0.060
<i>ecoli-0-1-4-7-vs-5-6</i>	¹ 0.812 ± 0.160	¹ 0.775 ± 0.122	¹ 0.771 ± 0.116	¹ 0.828 ± 0.109	¹ 0.813 ± 0.121	^{1,4,5} 0.806 ± 0.109	¹ 0.804 ± 0.131
<i>yeast-2-vs-8</i>	^{2,3} 0.661 ± 0.209	¹ 0.528 ± 0.180	¹ 0.504 ± 0.158	^{2,3,6,7} 0.661 ± 0.209	² 0.665 ± 0.200	³ 0.660 ± 0.210	¹ 0.656 ± 0.204
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{2,3} 0.829 ± 0.059	³ 0.744 ± 0.053	³ 0.733 ± 0.056	^{2,3} 0.822 ± 0.058	^{2,3} 0.823 ± 0.055	^{2,3} 0.822 ± 0.058	^{2,3} 0.821 ± 0.058
<i>glass2</i>	^{2,3,4,6,7} 0.152 ± 0.209	³ 0.369 ± 0.148	³ 0.344 ± 0.149	^{2,3} 0.351 ± 0.125	^{2,3} 0.331 ± 0.107	^{2,3} 0.306 ± 0.086	^{2,3} 0.323 ± 0.099
	¹ —	^{1,3,5,6,7} —	^{1,6,7} —	^{1,5,6,7} —	^{1,6} —	¹ —	^{1,6} —

Table 3: Results for F1 metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.500	4.720	4.207	4.683	4.122	3.354	3.415
	—	1,3,6,7	7	1,6,7	6	—	—

Table 4: Results for mean ranks according to F1 metric

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.161 ± 0.334	0.289 ± 0.203	0.274 ± 0.172	0.230 ± 0.084	0.208 ± 0.063	0.200 ± 0.063	0.208 ± 0.063
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,5,6,7} 0.944 ± 0.091	0.748 ± 0.150	^{1,5,6,7} 0.726 ± 0.162	^{1,5,6,7} 0.853 ± 0.135	¹ 0.816 ± 0.147	¹ 0.774 ± 0.147	¹ 0.780 ± 0.149
<i>shuttle-c2-vs-c4</i>	^{all} 0.200 ± 0.400	1.000 ± 0.000	1.000 ± 0.000	^{2,3,5,6,7} 0.740 ± 0.438	^{2,3,6} 0.880 ± 0.324	0.760 ± 0.427	³ 0.880 ± 0.324
<i>glass-0-1-4-6-vs-2</i>	^{1,4,6} 0.133 ± 0.310	0.277 ± 0.123	^{1,4,6} 0.264 ± 0.131	¹ 0.219 ± 0.093	¹ 0.206 ± 0.071	¹ 0.193 ± 0.073	¹ 0.207 ± 0.069
<i>yeast-1-2-8-9-vs-7</i>	^{1,4,5,6,7} 0.070 ± 0.223	0.197 ± 0.107	^{1,4,5,6,7} 0.184 ± 0.100	^{1,5,6,7} 0.122 ± 0.072	¹ 0.112 ± 0.085	¹ 0.106 ± 0.060	¹ 0.115 ± 0.045
<i>ecoli-0-1-4-6-vs-5</i>	^{all} 0.960 ± 0.100	0.866 ± 0.144	^{1,4,5,6,7} 0.852 ± 0.142	^{1,6} 0.885 ± 0.135	¹ 0.859 ± 0.139	¹ 0.878 ± 0.137	¹ 0.861 ± 0.142
<i>glass-0-1-6-vs-5</i>	^{all} 0.373 ± 0.371	0.543 ± 0.253	0.536 ± 0.286	0.486 ± 0.262	0.418 ± 0.245	0.470 ± 0.257	0.425 ± 0.244
<i>yeast-2-vs-4</i>	^{1,5,7} 0.922 ± 0.095	0.741 ± 0.113	^{1,5,7} 0.747 ± 0.117	^{5,7} 0.862 ± 0.108	0.848 ± 0.107	^{5,7} 0.820 ± 0.137	0.812 ± 0.131
<i>glass-0-6-vs-5</i>	^{all} 0.600 ± 0.469	0.772 ± 0.302	0.782 ± 0.266	^{2,3,6,7} 0.678 ± 0.420	^{2,3,7} 0.705 ± 0.389	^{2,3} 0.748 ± 0.363	^{2,3} 0.712 ± 0.374
<i>ecoli-0-3-4-6-vs-5</i>	¹ 0.946 ± 0.119	0.844 ± 0.160	0.842 ± 0.145	0.761 ± 0.170	0.753 ± 0.183	¹ 0.775 ± 0.175	0.744 ± 0.181
<i>yeast-0-3-5-9-vs-7-8</i>	^{all} 0.605 ± 0.176	^{4,5,6,7} 0.334 ± 0.075	^{4,5,6,7} 0.319 ± 0.069	0.584 ± 0.197	0.497 ± 0.177	0.513 ± 0.175	0.490 ± 0.176
<i>glass-0-1-5-vs-2</i>	^{2,3,5,6,7} 0.186 ± 0.333	³ 0.255 ± 0.137	0.250 ± 0.124	^{2,3,5,6,7} 0.233 ± 0.088	^{2,3} 0.208 ± 0.068	^{2,3} 0.199 ± 0.075	^{2,3} 0.203 ± 0.061
<i>ecoli-0-6-7-vs-5</i>	^{1,4,5,6,7} 0.953 ± 0.114	0.732 ± 0.191	^{1,5,6,7} 0.704 ± 0.181	^{1,5,6,7} 0.852 ± 0.187	¹ 0.813 ± 0.188	¹ 0.814 ± 0.183	¹ 0.768 ± 0.209
<i>ecoli-0-2-3-4-vs-5</i>	^{all} 0.960 ± 0.092	0.829 ± 0.180	0.829 ± 0.181	^{2,3,5,7} 0.846 ± 0.184	^{2,3,7} 0.824 ± 0.183	^{2,3,7} 0.846 ± 0.181	0.820 ± 0.180
<i>ecoli4</i>	^{all} 0.973 ± 0.073	0.812 ± 0.179	0.788 ± 0.189	0.913 ± 0.127	0.870 ± 0.151	0.877 ± 0.156	0.813 ± 0.176
<i>yeast5</i>	^{all} 0.794 ± 0.140	0.591 ± 0.087	0.580 ± 0.090	^{2,3,5,6,7} 0.609 ± 0.093	^{3,7} 0.585 ± 0.085	^{2,3,7} 0.566 ± 0.088	0.577 ± 0.086
<i>ecoli-0-4-6-vs-5</i>	^{all} 0.935 ± 0.135	^{3,6} 0.871 ± 0.172	0.873 ± 0.168	^{3,5,6,7} 0.787 ± 0.178	⁶ 0.764 ± 0.181	0.795 ± 0.181	0.756 ± 0.186
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{all} 0.782 ± 0.304	^{4,5,6,7} 0.570 ± 0.106	^{4,5,6,7} 0.578 ± 0.134	⁷ 0.548 ± 0.324	0.518 ± 0.254	^{5,7} 0.722 ± 0.127	0.602 ± 0.157
<i>ecoli-0-1-vs-5</i>	^{2,3,4,5,7} 0.972 ± 0.076	0.902 ± 0.122	0.896 ± 0.138	0.973 ± 0.073	0.956 ± 0.097	^{2,3,4,5,7} 0.962 ± 0.088	⁵ 0.944 ± 0.110
<i>ecoli-0-2-6-7-vs-3-5</i>	^{2,3} 0.933 ± 0.175	0.734 ± 0.182	0.726 ± 0.196	^{2,3} 0.813 ± 0.193	^{2,3} 0.804 ± 0.194	^{2,3} 0.764 ± 0.200	^{2,3} 0.735 ± 0.217
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{all} 0.979 ± 0.065	0.673 ± 0.169	0.650 ± 0.148	^{2,3,6,7} 0.923 ± 0.111	^{2,3,7} 0.891 ± 0.133	0.856 ± 0.121	0.836 ± 0.176
<i>shuttle-c0-vs-c4</i>	^{all} 1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000	1.000 ± 0.000
<i>ecoli-0-6-7-vs-3-5</i>	0.907 ± 0.169	0.727 ± 0.204	0.705 ± 0.192	0.831 ± 0.198	0.818 ± 0.202	0.766 ± 0.202	0.785 ± 0.207
<i>vowel0</i>	^{all} 0.989 ± 0.027	0.987 ± 0.027	0.989 ± 0.026	^{2,3,6,7} 0.850 ± 0.110	^{2,3,6} 0.880 ± 0.087	0.892 ± 0.072	^{2,3} 0.934 ± 0.071
<i>glass4</i>	^{4,5,6,7} 0.728 ± 0.384	^{4,5,6,7} 0.637 ± 0.272	^{4,5,6,7} 0.609 ± 0.261	0.503 ± 0.249	⁴ 0.514 ± 0.269	⁴ 0.491 ± 0.264	^{4,5,6} 0.538 ± 0.275
<i>yeast-0-5-6-7-9-vs-4</i>	^{all} 0.647 ± 0.237	^{4,5,6,7} 0.476 ± 0.087	^{4,5,6,7} 0.469 ± 0.087	0.531 ± 0.101	0.501 ± 0.127	0.386 ± 0.080	⁶ 0.432 ± 0.110
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{all} 0.779 ± 0.092	^{6,7} 0.473 ± 0.059	⁶ 0.453 ± 0.061	^{2,3,5,6,7} 0.728 ± 0.089	^{3,6,7} 0.686 ± 0.097	0.682 ± 0.137	⁶ 0.726 ± 0.099
<i>ecoli-0-1-vs-2-3-5</i>	^{all} 0.968 ± 0.081	³ 0.746 ± 0.169	0.731 ± 0.167	^{2,3,5,6} 0.951 ± 0.112	^{2,3} 0.943 ± 0.115	^{2,3} 0.926 ± 0.127	^{2,3,5,6} 0.887 ± 0.153
<i>ecoli-0-3-4-vs-5</i>	^{2,3,7} 0.958 ± 0.111	0.868 ± 0.168	0.857 ± 0.171	^{2,3,7} 0.835 ± 0.165	^{2,3,7} 0.817 ± 0.170	^{2,3} 0.837 ± 0.168	^{2,3} 0.812 ± 0.179
<i>glass5</i>	^{all} 0.377 ± 0.406	0.451 ± 0.298	0.494 ± 0.301	0.401 ± 0.273	0.355 ± 0.205	0.365 ± 0.238	0.372 ± 0.220
<i>yeast4</i>	0.358 ± 0.276	^{5,6,7} 0.328 ± 0.103	^{4,5,6,7} 0.309 ± 0.088	⁵ 0.328 ± 0.090	0.331 ± 0.094	0.252 ± 0.068	0.255 ± 0.062
<i>glass-0-4-vs-5</i>	^{6,7} 0.660 ± 0.473	^{3,6,7} 0.860 ± 0.203	0.860 ± 0.195	^{6,7} 0.646 ± 0.342	^{3,6,7} 0.695 ± 0.345	0.596 ± 0.316	0.670 ± 0.353
<i>yeast6</i>	0.626 ± 0.178	^{1,4,5,6,7} 0.402 ± 0.111	^{1,4,5,6,7} 0.395 ± 0.110	0.454 ± 0.112	⁶ 0.410 ± 0.114	0.368 ± 0.095	0.354 ± 0.129
<i>page-blocks-1-3-vs-4</i>	^{all} 0.686 ± 0.174	^{6,7} 0.577 ± 0.117	⁷ 0.590 ± 0.140	^{2,3,5,6,7} 0.552 ± 0.222	^{6,7} 0.630 ± 0.185	0.663 ± 0.255	0.746 ± 0.213
<i>yeast-1-vs-7</i>	^{2,3,4} 0.330 ± 0.464	0.262 ± 0.146	0.243 ± 0.133	0.182 ± 0.072	⁴ 0.180 ± 0.101	^{2,4} 0.150 ± 0.053	^{1,2,3,4,5} 0.162 ± 0.063
<i>ecoli-0-1-3-7-vs-2-6</i>	0.790 ± 0.401	^{3,4,5,6,7} 0.494 ± 0.349	^{4,5,6,7} 0.600 ± 0.389	^{6,7} 0.697 ± 0.412	0.650 ± 0.411	0.390 ± 0.318	0.557 ± 0.391
<i>yeast-1-4-5-8-vs-7</i>	^{2,3,5,6,7} 0.007 ± 0.046	⁶ 0.115 ± 0.089	^{2,6} 0.112 ± 0.081	^{2,6,7} 0.088 ± 0.056	^{2,6} 0.082 ± 0.041	0.097 ± 0.052	⁶ 0.086 ± 0.037
<i>ecoli-0-1-4-7-vs-5-6</i>	0.967 ± 0.091	^{1,4,5,7} 0.768 ± 0.175	^{1,4,5,7} 0.751 ± 0.177	¹ 0.902 ± 0.122	¹ 0.877 ± 0.146	^{1,5,7} 0.828 ± 0.137	¹ 0.835 ± 0.156
<i>yeast-2-vs-8</i>	^{all} 0.908 ± 0.200	0.563 ± 0.234	0.500 ± 0.203	^{2,3,6,7} 0.908 ± 0.200	^{2,3,6} 0.911 ± 0.190	^{2,3} 0.902 ± 0.202	^{2,3} 0.877 ± 0.208
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{2,3} 0.871 ± 0.068	³ 0.679 ± 0.067	0.660 ± 0.071	^{2,3} 0.841 ± 0.066	^{2,3} 0.828 ± 0.068	^{2,3} 0.843 ± 0.069	^{2,3} 0.830 ± 0.073
<i>glass2</i>	^{all} 0.260 ± 0.387	³ 0.295 ± 0.137	0.279 ± 0.163	^{2,3,5} 0.235 ± 0.096	^{2,3} 0.215 ± 0.080	^{2,3} 0.193 ± 0.061	^{2,3} 0.208 ± 0.074
	—	^{3,4,5,6,7}	^{4,5,6,7}	^{5,6,7}	⁶	—	⁶

Table 5: Results for Precision metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	5.451	4.171	3.585	4.671	3.695	3.293	3.134
	^{3,4,5,6,7}	^{3,7}	—	^{3,5,6,7}	⁷	—	—

Table 6: Results for mean ranks according to Precision metric

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.065 ± 0.123	0.480 ± 0.251	0.477 ± 0.241	0.705 ± 0.240	0.802 ± 0.202	0.793 ± 0.221	0.798 ± 0.200
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.744 ± 0.196	¹ 0.824 ± 0.163	¹ 0.824 ± 0.168	^{1,2,3} 0.776 ± 0.153	^{1,2,3,4} 0.772 ± 0.154	^{1,2,3,4} 0.808 ± 0.154	^{1,2,3,4} 0.784 ± 0.154
<i>shuttle-c2-vs-c4</i>	^{1,4,5,7} 0.170 ± 0.355	^{1,4,5,7} 0.990 ± 0.069	^{1,4,5,7} 0.990 ± 0.069	¹ 0.710 ± 0.436	¹ 0.860 ± 0.332	^{1,5} 0.730 ± 0.426	¹ 0.860 ± 0.332
<i>glass-0-1-4-6-vs-2</i>	^{1,4,6} 0.055 ± 0.122	^{1,4,6} 0.528 ± 0.239	^{1,4,6} 0.502 ± 0.245	¹ 0.655 ± 0.280	¹ 0.767 ± 0.213	¹ 0.742 ± 0.213	¹ 0.775 ± 0.193
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.017 ± 0.049	¹ 0.303 ± 0.165	¹ 0.313 ± 0.162	^{1,2,3} 0.307 ± 0.180	^{1,2,3,4} 0.377 ± 0.199	^{1,2,3,4} 0.423 ± 0.192	^{1,2,3,4} 0.487 ± 0.162
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.775 ± 0.182	¹ 0.845 ± 0.149	¹ 0.850 ± 0.150	¹ 0.810 ± 0.162	^{1,2,3,4} 0.825 ± 0.160	^{1,2,3,4} 0.815 ± 0.156	^{all} 0.825 ± 0.160
<i>glass-0-1-6-vs-5</i>	¹ 0.360 ± 0.316	¹ 0.820 ± 0.278	¹ 0.810 ± 0.314	¹ 0.720 ± 0.318	¹ 0.700 ± 0.331	¹ 0.690 ± 0.330	¹ 0.720 ± 0.318
<i>yeast-2-vs-4</i>	^{1,5,6,7} 0.647 ± 0.132	^{1,5,6,7} 0.774 ± 0.125	¹ 0.786 ± 0.122	¹ 0.682 ± 0.123	¹ 0.705 ± 0.133	¹ 0.701 ± 0.131	¹ 0.723 ± 0.135
<i>glass-0-6-vs-5</i>	^{1,4,5,6,7} 0.440 ± 0.382	^{1,4,5,6,7} 0.870 ± 0.279	^{1,4,5,6,7} 0.900 ± 0.223	¹ 0.590 ± 0.396	^{1,4} 0.620 ± 0.354	^{1,4} 0.660 ± 0.352	^{1,4,6} 0.650 ± 0.350
<i>ecoli-0-3-4-6-vs-5</i>	^{1,4,5,6,7} 0.795 ± 0.185	^{1,4,5,6,7} 0.850 ± 0.173	^{1,4,5,6,7} 0.850 ± 0.173	¹ 0.815 ± 0.164	¹ 0.835 ± 0.170	¹ 0.825 ± 0.167	¹ 0.830 ± 0.169
<i>yeast-0-3-5-9-vs-7-8</i>	¹ 0.306 ± 0.115	¹ 0.534 ± 0.124	¹ 0.550 ± 0.118	¹ 0.328 ± 0.126	¹ 0.340 ± 0.124	¹ 0.364 ± 0.130	¹ 0.366 ± 0.127
<i>glass-0-1-5-vs-2</i>	^{1,4,5,6,7} 0.090 ± 0.139	^{1,4,5,6,7} 0.492 ± 0.289	^{1,4,5,6,7} 0.490 ± 0.271	¹ 0.707 ± 0.267	¹ 0.787 ± 0.218	^{1,4} 0.763 ± 0.241	^{1,4,5} 0.780 ± 0.216
<i>ecoli-0-6-7-vs-5</i>	^{1,2,3} 0.685 ± 0.216	¹ 0.770 ± 0.205	¹ 0.770 ± 0.211	^{1,2,3} 0.750 ± 0.200	^{1,2,3,4} 0.765 ± 0.202	^{1,2,3,4} 0.760 ± 0.193	^{1,2,3,4} 0.770 ± 0.205
<i>ecoli-0-2-3-4-vs-5</i>	¹ 0.785 ± 0.165	¹ 0.850 ± 0.158	¹ 0.850 ± 0.158	¹ 0.840 ± 0.156	¹ 0.840 ± 0.156	¹ 0.840 ± 0.156	¹ 0.845 ± 0.157
<i>ecoli4</i>	¹ 0.790 ± 0.202	¹ 0.855 ± 0.200	¹ 0.855 ± 0.200	¹ 0.850 ± 0.180	¹ 0.880 ± 0.167	¹ 0.855 ± 0.194	¹ 0.875 ± 0.175
<i>yeast5</i>	¹ 0.647 ± 0.127	¹ 0.894 ± 0.090	¹ 0.887 ± 0.097	¹ 0.862 ± 0.124	¹ 0.892 ± 0.104	¹ 0.894 ± 0.114	¹ 0.884 ± 0.097
<i>ecoli-0-4-6-vs-5</i>	¹ 0.810 ± 0.162	¹ 0.850 ± 0.158	¹ 0.850 ± 0.158	¹ 0.840 ± 0.156	^{1,4} 0.845 ± 0.157	^{1,4} 0.835 ± 0.162	¹ 0.845 ± 0.157
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	¹ 0.279 ± 0.155	¹ 0.858 ± 0.139	¹ 0.775 ± 0.244	¹ 0.238 ± 0.162	¹ 0.355 ± 0.176	¹ 0.782 ± 0.180	¹ 0.796 ± 0.236
<i>ecoli-0-1-vs-5</i>	⁴ 0.785 ± 0.180	^{1,3,4,5,6} 0.850 ± 0.150	^{1,4,5} 0.850 ± 0.150	¹ 0.810 ± 0.154	^{1,4} 0.825 ± 0.152	^{1,4,5} 0.820 ± 0.150	^{1,4,5} 0.835 ± 0.146
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.597 ± 0.251	¹ 0.749 ± 0.186	¹ 0.774 ± 0.166	¹ 0.685 ± 0.203	¹ 0.691 ± 0.199	¹ 0.714 ± 0.180	¹ 0.714 ± 0.182
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,4,5} 0.668 ± 0.202	^{1,4,5} 0.740 ± 0.169	^{1,4,5,6,7} 0.751 ± 0.166	¹ 0.729 ± 0.168	¹ 0.726 ± 0.177	¹ 0.737 ± 0.159	¹ 0.733 ± 0.169
<i>shuttle-c0-vs-c4</i>	¹ 0.992 ± 0.016	¹ 0.992 ± 0.016	¹ 0.992 ± 0.016	¹ 0.991 ± 0.016	¹ 0.991 ± 0.016	¹ 0.991 ± 0.016	¹ 0.991 ± 0.016
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.593 ± 0.237	¹ 0.746 ± 0.199	¹ 0.767 ± 0.208	¹ 0.672 ± 0.201	¹ 0.673 ± 0.205	¹ 0.681 ± 0.200	¹ 0.686 ± 0.194
<i>vowel0</i>	^{1,4,5,6,7} 0.941 ± 0.077	^{1,4,5,6,7} 0.994 ± 0.038	^{1,4,5,6,7} 0.994 ± 0.038	¹ 0.621 ± 0.127	¹ 0.839 ± 0.125	¹ 0.858 ± 0.118	¹ 0.850 ± 0.112
<i>glass4</i>	^{4,5,6,7} 0.513 ± 0.310	^{1,4,5,6,7} 0.857 ± 0.278	^{1,4,5,6,7} 0.857 ± 0.278	¹ 0.613 ± 0.275	⁴ 0.677 ± 0.300	⁴ 0.607 ± 0.293	⁴ 0.703 ± 0.296
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,4,5,6,7} 0.317 ± 0.153	^{1,4,5,6,7} 0.685 ± 0.116	^{1,4,5,6,7} 0.683 ± 0.116	¹ 0.619 ± 0.127	^{1,4,6} 0.665 ± 0.099	¹ 0.693 ± 0.130	^{1,4,6} 0.724 ± 0.120
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,4} 0.529 ± 0.083	^{1,4} 0.664 ± 0.093	^{1,4} 0.667 ± 0.094	¹ 0.556 ± 0.102	^{1,4} 0.587 ± 0.106	^{1,4,5} 0.553 ± 0.112	^{all} 0.572 ± 0.107
<i>ecoli-0-1-vs-2-3-5</i>	^{1,4,5,6,7} 0.670 ± 0.187	^{1,4,5,6,7} 0.787 ± 0.186	^{1,4,5,6,7} 0.791 ± 0.184	¹ 0.711 ± 0.175	^{1,4,6} 0.728 ± 0.180	¹ 0.724 ± 0.176	^{1,4,6} 0.727 ± 0.170
<i>ecoli-0-3-4-vs-5</i>	^{1,4,5,6,7} 0.810 ± 0.209	^{1,4,5,6,7} 0.850 ± 0.200	^{1,4,5,6,7} 0.850 ± 0.200	¹ 0.850 ± 0.200	¹ 0.850 ± 0.200	¹ 0.845 ± 0.199	¹ 0.840 ± 0.204
<i>glass5</i>	¹ 0.310 ± 0.330	¹ 0.660 ± 0.405	¹ 0.700 ± 0.387	¹ 0.670 ± 0.355	¹ 0.760 ± 0.349	¹ 0.650 ± 0.350	¹ 0.770 ± 0.349
<i>yeast4</i>	¹ 0.117 ± 0.088	¹ 0.487 ± 0.158	¹ 0.495 ± 0.157	¹ 0.511 ± 0.135	^{1,6} 0.529 ± 0.143	¹ 0.579 ± 0.168	^{1,4,6} 0.630 ± 0.162
<i>glass-0-4-vs-5</i>	¹ 0.490 ± 0.406	¹ 0.990 ± 0.069	¹ 0.990 ± 0.069	¹ 0.690 ± 0.330	¹ 0.780 ± 0.334	^{1,2,3,4,5} 0.740 ± 0.335	^{all} 0.710 ± 0.333
<i>yeast6</i>	^{1,4,5,6,7} 0.523 ± 0.184	^{1,4,5,6,7} 0.671 ± 0.183	^{1,4,5,6,7} 0.686 ± 0.173	¹ 0.691 ± 0.169	¹ 0.711 ± 0.174	¹ 0.720 ± 0.164	¹ 0.749 ± 0.172
<i>page-blocks-1-3-vs-4</i>	^{1,2} 0.657 ± 0.217	¹ 0.887 ± 0.155	¹ 0.851 ± 0.166	¹ 0.530 ± 0.233	^{1,2} 0.631 ± 0.200	^{1,2,3,4} 0.641 ± 0.255	^{1,2,3,4,5} 0.621 ± 0.210
<i>yeast-1-vs-7</i>	⁴ 0.060 ± 0.086	^{all} 0.360 ± 0.203	^{1,4,5,6,7} 0.363 ± 0.201	¹ 0.413 ± 0.177	⁴ 0.403 ± 0.213	⁴ 0.490 ± 0.209	⁴ 0.513 ± 0.207
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	^{1,2,3,4,5} 0.700 ± 0.400	^{1,2,3,4,5} 0.700 ± 0.400
<i>yeast-1-4-5-8-vs-7</i>	¹ 0.003 ± 0.023	¹ 0.197 ± 0.165	¹ 0.217 ± 0.174	¹ 0.303 ± 0.190	¹ 0.363 ± 0.196	¹ 0.417 ± 0.197	¹ 0.433 ± 0.176
<i>ecoli-0-1-4-7-vs-5-6</i>	¹ 0.732 ± 0.198	¹ 0.820 ± 0.150	¹ 0.832 ± 0.140	^{1,2,3} 0.784 ± 0.154	^{1,2,3,4} 0.780 ± 0.161	^{1,2,3,4} 0.804 ± 0.146	^{1,2,3,4,5} 0.796 ± 0.162
<i>yeast-2-vs-8</i>	^{1,5} 0.550 ± 0.229	^{1,5} 0.560 ± 0.232	^{1,4,5} 0.575 ± 0.230	¹ 0.550 ± 0.229	¹ 0.555 ± 0.219	¹ 0.550 ± 0.229	¹ 0.555 ± 0.219
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	¹ 0.797 ± 0.084	¹ 0.832 ± 0.083	¹ 0.833 ± 0.082	¹ 0.809 ± 0.080	¹ 0.823 ± 0.075	¹ 0.808 ± 0.083	¹ 0.819 ± 0.079
<i>glass2</i>	^{1,4,6} 0.117 ± 0.164	^{1,4,6} 0.533 ± 0.224	^{1,4,6,7} 0.512 ± 0.238	¹ 0.738 ± 0.228	^{1,4,6} 0.765 ± 0.219	¹ 0.783 ± 0.209	^{1,6} 0.760 ± 0.222
	¹	¹	¹	^{1,2,3}	^{1,2,3}	^{1,2,3}	^{1,2,3}

Table 7: Results for Recall metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.439	5.183	5.402	2.817	4.244	4.049	4.866
	—	1,4,6	1,4,5,6	1	1,4	1,4	1,4,5,6

Table 8: Results for mean ranks according to Recall metric

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.522 ± 0.062	0.672 ± 0.127	0.670 ± 0.122	0.735 ± 0.121	0.749 ± 0.093	0.739 ± 0.112	0.748 ± 0.094
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.869 ± 0.097	¹ 0.895 ± 0.080	¹ 0.892 ± 0.080	^{1,2,3} 0.880 ± 0.077	^{1,2,3} 0.876 ± 0.080	^{1,2,3} 0.890 ± 0.079	^{1,2,3} 0.879 ± 0.080
<i>shuttle-c2-vs-c4</i>	[−] 0.585 ± 0.177	³ 0.995 ± 0.034	[−] 0.995 ± 0.034	⁷ 0.855 ± 0.218	[−] 0.930 ± 0.166	[−] 0.865 ± 0.213	[−] 0.930 ± 0.166
<i>glass-0-1-4-6-vs-2</i>	0.518 ± 0.062	^{1,4,6} 0.702 ± 0.113	^{1,4,6} 0.688 ± 0.121	0.720 ± 0.138	0.745 ± 0.108	0.722 ± 0.110	0.745 ± 0.106
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.508 ± 0.024	¹ 0.631 ± 0.082	¹ 0.633 ± 0.082	¹ 0.617 ± 0.090	^{1,2,3} 0.636 ± 0.091	^{1,3} 0.649 ± 0.100	^{1,2,3} 0.679 ± 0.082
<i>ecoli-0-1-4-6-vs-5</i>	[−] 0.886 ± 0.091	¹ 0.916 ± 0.074	^{1,2} 0.918 ± 0.075	¹ 0.900 ± 0.079	¹ 0.906 ± 0.078	^{1,4} 0.902 ± 0.077	^{all} 0.906 ± 0.078
<i>glass-0-1-6-vs-5</i>	0.668 ± 0.151	[−] 0.889 ± 0.138	[−] 0.884 ± 0.157	0.837 ± 0.159	0.822 ± 0.165	0.823 ± 0.164	0.831 ± 0.161
<i>yeast-2-vs-4</i>	[−] 0.820 ± 0.066	^{1,4,5,6,7} 0.871 ± 0.061	^{1,4,5,6,7} 0.877 ± 0.059	^{1,5,7} 0.834 ± 0.062	¹ 0.845 ± 0.067	^{1,5} 0.841 ± 0.065	^{1,6} 0.851 ± 0.066
<i>glass-0-6-vs-5</i>	[−] 0.714 ± 0.194	^{1,4,5,6,7} 0.920 ± 0.139	^{1,4,5,6,7} 0.935 ± 0.111	[−] 0.785 ± 0.200	¹ 0.797 ± 0.181	¹ 0.821 ± 0.175	¹ 0.811 ± 0.177
<i>ecoli-0-3-4-6-vs-5</i>	[−] 0.895 ± 0.094	^{1,4,5,6,7} 0.915 ± 0.087	^{1,4,5,6,7} 0.915 ± 0.086	¹ 0.892 ± 0.087	¹ 0.901 ± 0.091	¹ 0.898 ± 0.089	¹ 0.898 ± 0.091
<i>yeast-0-3-5-9-vs-7-8</i>	⁴ 0.641 ± 0.058	^{4,5,6,7} 0.707 ± 0.062	^{4,5,6,7} 0.709 ± 0.060	[−] 0.649 ± 0.061	¹ 0.649 ± 0.063	¹ 0.660 ± 0.059	¹ 0.659 ± 0.061
<i>glass-0-1-5-vs-2</i>	[−] 0.533 ± 0.066	^{1,4,5,6,7} 0.673 ± 0.141	^{1,4,5,6,7} 0.670 ± 0.131	[−] 0.727 ± 0.135	[−] 0.728 ± 0.105	¹ 0.709 ± 0.128	¹ 0.723 ± 0.104
<i>ecoli-0-6-7-vs-5</i>	[−] 0.840 ± 0.108	¹ 0.868 ± 0.101	¹ 0.865 ± 0.102	^{1,2,3,6} 0.867 ± 0.103	^{1,2,3} 0.872 ± 0.104	^{1,3} 0.870 ± 0.099	^{1,2,3} 0.871 ± 0.106
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.890 ± 0.083	⁴ 0.912 ± 0.080	[−] 0.912 ± 0.079	³ 0.909 ± 0.081	^{2,3} 0.907 ± 0.080	³ 0.909 ± 0.081	³ 0.910 ± 0.080
<i>ecoli4</i>	[−] 0.894 ± 0.100	[−] 0.919 ± 0.098	[−] 0.918 ± 0.097	[−] 0.922 ± 0.090	[−] 0.935 ± 0.084	[−] 0.923 ± 0.097	[−] 0.929 ± 0.086
<i>yeast5</i>	[−] 0.821 ± 0.064	[−] 0.937 ± 0.045	[−] 0.933 ± 0.048	^{2,3} 0.922 ± 0.062	^{2,3,7} 0.936 ± 0.052	^{2,3} 0.936 ± 0.057	^{3,4,6} 0.932 ± 0.048
<i>ecoli-0-4-6-vs-5</i>	[−] 0.901 ± 0.084	^{1,3} 0.916 ± 0.082	¹ 0.916 ± 0.081	¹ 0.905 ± 0.082	¹ 0.906 ± 0.083	¹ 0.903 ± 0.084	¹ 0.905 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.635 ± 0.077	^{4,5,6,7} 0.898 ± 0.068	^{4,5,6,7} 0.860 ± 0.118	^{1,7} 0.609 ± 0.081	¹ 0.661 ± 0.090	¹ 0.875 ± 0.086	^{1,6} 0.873 ± 0.115
<i>ecoli-0-1-vs-5</i>	⁴ 0.891 ± 0.089	^{1,4,5} 0.920 ± 0.074	^{1,4,5} 0.919 ± 0.074	[−] 0.904 ± 0.076	^{1,4} 0.910 ± 0.075	^{1,4,5} 0.908 ± 0.074	^{1,4,5} 0.915 ± 0.073
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.797 ± 0.125	[−] 0.857 ± 0.090	[−] 0.867 ± 0.080	[−] 0.834 ± 0.105	[−] 0.836 ± 0.103	[−] 0.843 ± 0.093	[−] 0.840 ± 0.097
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.833 ± 0.100	¹ 0.850 ± 0.084	^{1,4,5} 0.854 ± 0.079	[−] 0.861 ± 0.082	[−] 0.858 ± 0.087	¹ 0.862 ± 0.079	[−] 0.858 ± 0.085
<i>shuttle-c0-vs-c4</i>	[−] 0.996 ± 0.008	[−] 0.996 ± 0.008	[−] 0.996 ± 0.008	^{2,3,7} 0.996 ± 0.008	^{2,3} 0.996 ± 0.008	^{2,3,4} 0.996 ± 0.008	^{2,3,5} 0.996 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.792 ± 0.119	[−] 0.854 ± 0.102	[−] 0.863 ± 0.105	[−] 0.827 ± 0.104	[−] 0.827 ± 0.106	[−] 0.828 ± 0.103	[−] 0.831 ± 0.101
<i>vowel0</i>	[−] 0.970 ± 0.038	¹ 0.996 ± 0.019	^{1,4,5,6} 0.997 ± 0.019	[−] 0.805 ± 0.063	[−] 0.913 ± 0.062	⁴ 0.923 ± 0.058	[−] 0.922 ± 0.056
<i>glass4</i>	^{4,5,6,7} 0.750 ± 0.158	^{1,4,5,6,7} 0.909 ± 0.143	^{1,4,5,6,7} 0.907 ± 0.143	[−] 0.783 ± 0.142	⁴ 0.814 ± 0.155	⁴ 0.779 ± 0.149	^{4,5} 0.828 ± 0.153
<i>yeast-0-5-6-7-9-vs-4</i>	[−] 0.649 ± 0.074	^{1,4,5,6,7} 0.800 ± 0.055	^{1,4,5,6,7} 0.798 ± 0.055	[−] 0.778 ± 0.060	[−] 0.793 ± 0.048	[−] 0.784 ± 0.060	^{4,6} 0.805 ± 0.053
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.756 ± 0.042	^{1,4,6} 0.791 ± 0.045	^{1,4,6} 0.789 ± 0.047	¹ 0.766 ± 0.051	¹ 0.778 ± 0.052	¹ 0.761 ± 0.055	^{1,4,6} 0.774 ± 0.052
<i>ecoli-0-1-vs-2-3-5</i>	[−] 0.833 ± 0.093	^{1,3,4,6,7} 0.876 ± 0.090	^{1,4,6,7} 0.877 ± 0.091	¹ 0.853 ± 0.088	^{1,4,6} 0.862 ± 0.090	[−] 0.859 ± 0.088	^{1,6} 0.858 ± 0.085
<i>ecoli-0-3-4-vs-5</i>	[−] 0.903 ± 0.105	¹ 0.915 ± 0.100	¹ 0.914 ± 0.099	[−] 0.914 ± 0.102	^{1,7} 0.913 ± 0.102	[−] 0.912 ± 0.102	[−] 0.908 ± 0.105
<i>glass5</i>	[−] 0.648 ± 0.165	[−] 0.814 ± 0.203	[−] 0.834 ± 0.194	[−] 0.810 ± 0.179	[−] 0.847 ± 0.174	[−] 0.798 ± 0.175	[−] 0.853 ± 0.175
<i>yeast4</i>	[−] 0.555 ± 0.043	^{1,6} 0.725 ± 0.078	^{1,4,6} 0.727 ± 0.077	¹ 0.736 ± 0.067	^{1,3} 0.744 ± 0.070	¹ 0.759 ± 0.082	^{1,3} 0.782 ± 0.078
<i>glass-0-4-vs-5</i>	[−] 0.744 ± 0.204	¹ 0.982 ± 0.045	¹ 0.983 ± 0.044	¹ 0.819 ± 0.160	¹ 0.864 ± 0.166	^{1,2,3} 0.839 ± 0.162	^{all} 0.829 ± 0.166
<i>yeast6</i>	[−] 0.757 ± 0.091	^{1,4,5,6,7} 0.823 ± 0.090	^{1,4,5,6,7} 0.829 ± 0.086	[−] 0.835 ± 0.084	¹ 0.843 ± 0.087	[−] 0.844 ± 0.080	¹ 0.856 ± 0.085
<i>page-blocks-1-3-vs-4</i>	[−] 0.818 ± 0.106	¹ 0.922 ± 0.078	¹ 0.905 ± 0.083	^{1,2} 0.752 ± 0.115	^{1,2} 0.802 ± 0.100	¹ 0.808 ± 0.124	^{1,2} 0.803 ± 0.106
<i>yeast-1-vs-7</i>	⁴ 0.529 ± 0.043	^{1,4,5,6,7} 0.641 ± 0.104	^{1,4,5,6,7} 0.638 ± 0.103	[−] 0.639 ± 0.084	⁴ 0.631 ± 0.098	⁴ 0.646 ± 0.096	^{4,5} 0.661 ± 0.099
<i>ecoli-0-1-3-7-vs-2-6</i>	[−] 0.850 ± 0.200	^{1,3} 0.839 ± 0.197	¹ 0.843 ± 0.200	¹ 0.844 ± 0.206	¹ 0.840 ± 0.208	¹ 0.829 ± 0.199	^{1,4,5} 0.838 ± 0.205
<i>yeast-1-4-5-8-vs-7</i>	^{all} 0.501 ± 0.010	⁶ 0.565 ± 0.081	^{2,6,7} 0.570 ± 0.085	^{2,6,7} 0.581 ± 0.094	⁶ 0.588 ± 0.092	[−] 0.617 ± 0.103	⁶ 0.610 ± 0.090
<i>ecoli-0-1-4-7-vs-5-6</i>	[−] 0.865 ± 0.098	¹ 0.897 ± 0.074	^{1,2} 0.902 ± 0.067	¹ 0.888 ± 0.077	¹ 0.885 ± 0.080	^{1,2,3,4,5} 0.894 ± 0.073	^{1,2,3,4} 0.891 ± 0.081
<i>yeast-2-vs-8</i>	[−] 0.774 ± 0.114	[−] 0.768 ± 0.113	[−] 0.773 ± 0.111	[−] 0.773 ± 0.116	[−] 0.776 ± 0.111	⁴ 0.773 ± 0.116	[−] 0.775 ± 0.111
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{2,3} 0.892 ± 0.042	[−] 0.894 ± 0.040	² 0.892 ± 0.040	^{2,3} 0.896 ± 0.040	^{2,3} 0.902 ± 0.038	^{2,3} 0.895 ± 0.041	^{2,3} 0.900 ± 0.039
<i>glass2</i>	[−] 0.547 ± 0.083	³ 0.708 ± 0.109	¹ 0.695 ± 0.114	[−] 0.759 ± 0.118	^{1,2,3} 0.757 ± 0.113	[−] 0.746 ± 0.105	³ 0.752 ± 0.110
	[−]	¹	¹	^{all}	^{1,2,3,6}	^{1,2,3}	^{1,2,3,6}

Table 9: Results for AUC metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.610	5.061	4.902	3.244	4.329	4.134	4.720
	−	1,4,6	1,4	1	1,4	1,4	1,4,6

Table 10: Results for mean ranks according to AUC metric

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass-0-1-6-vs-2</i>	0.118 ± 0.222	0.603 ± 0.222	0.602 ± 0.219	0.720 ± 0.135	0.737 ± 0.097	0.726 ± 0.116	0.736 ± 0.098
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.852 ± 0.116	¹ 0.887 ± 0.090	¹ 0.884 ± 0.090	^{1,2,3} 0.869 ± 0.088	^{1,2,3} 0.865 ± 0.090	^{1,2,3} 0.882 ± 0.089	^{1,2,3} 0.870 ± 0.089
<i>shuttle-c2-vs-c4</i>	³ 0.182 ± 0.369	³ 0.994 ± 0.041	^{1,4,6} 0.994 ± 0.041	^{1,4,6} 0.722 ± 0.433	^{1,4,6} 0.868 ± 0.325	^{1,4,6} 0.742 ± 0.422	⁴ 0.868 ± 0.325
<i>glass-0-1-4-6-vs-2</i>	^{1,4,6} 0.098 ± 0.210	^{1,4,6} 0.645 ± 0.205	^{1,4,6} 0.622 ± 0.222	^{1,4,6} 0.682 ± 0.212	^{1,4,6} 0.729 ± 0.144	^{1,4,6} 0.712 ± 0.114	^{1,4,6} 0.737 ± 0.108
<i>yeast-1-2-8-9-vs-7</i>	^{1,3} 0.041 ± 0.122	^{1,3} 0.504 ± 0.191	^{1,3} 0.517 ± 0.179	^{1,3} 0.488 ± 0.215	^{1,2,3} 0.531 ± 0.224	^{1,2,3} 0.584 ± 0.174	^{1,2,3} 0.641 ± 0.114
<i>ecoli-0-1-4-6-vs-5</i>	^{1,2,3,4} 0.873 ± 0.105	^{1,2,3,4} 0.910 ± 0.082	^{1,2,3,4} 0.912 ± 0.083	^{1,2,3,4} 0.890 ± 0.090	^{1,2,3,4} 0.898 ± 0.089	^{1,2,3,4} 0.893 ± 0.087	^{all} 0.898 ± 0.089
<i>glass-0-1-6-vs-5</i>	^{1,4,5,7} 0.459 ± 0.368	^{1,4,5,7} 0.859 ± 0.217	^{1,4,5,7} 0.837 ± 0.274	^{1,4,5,7} 0.784 ± 0.268	^{1,4,5,7} 0.760 ± 0.286	^{1,4,5,7} 0.759 ± 0.286	^{1,4,5,7} 0.779 ± 0.267
<i>yeast-2-vs-4</i>	^{1,4,5,6,7} 0.797 ± 0.083	^{1,4,5,6,7} 0.863 ± 0.070	^{1,4,5,6,7} 0.869 ± 0.068	^{1,4,5,6,7} 0.817 ± 0.074	^{1,4,5,6,7} 0.830 ± 0.079	^{1,4,5,6,7} 0.825 ± 0.077	^{1,4,5,6,7} 0.837 ± 0.077
<i>glass-0-6-vs-5</i>	^{1,4,5,6,7} 0.521 ± 0.407	^{1,4,5,6,7} 0.885 ± 0.244	^{1,4,5,6,7} 0.918 ± 0.168	^{1,4,5,6,7} 0.655 ± 0.388	^{1,4,5,6,7} 0.703 ± 0.334	^{1,4,5,6,7} 0.736 ± 0.324	^{1,4,5,6,7} 0.727 ± 0.322
<i>ecoli-0-3-4-6-vs-5</i>	^{1,4,5,6,7} 0.883 ± 0.108	^{1,4,5,6,7} 0.907 ± 0.098	^{1,4,5,6,7} 0.907 ± 0.098	^{1,4,5,6,7} 0.884 ± 0.097	^{1,4,5,6,7} 0.894 ± 0.100	^{1,4,5,6,7} 0.890 ± 0.098	^{1,4,5,6,7} 0.891 ± 0.100
<i>yeast-0-3-5-9-vs-7-8</i>	^{4,5,6,7} 0.533 ± 0.123	^{4,5,6,7} 0.680 ± 0.083	^{4,5,6,7} 0.686 ± 0.079	^{4,5,6,7} 0.548 ± 0.129	^{4,5,6,7} 0.557 ± 0.126	^{4,5,6,7} 0.574 ± 0.126	^{4,5,6,7} 0.576 ± 0.125
<i>glass-0-1-5-vs-2</i>	^{1,4,5,6,7} 0.161 ± 0.246	^{1,4,5,6,7} 0.591 ± 0.258	^{1,4,5,6,7} 0.601 ± 0.226	^{1,4,5,6,7} 0.705 ± 0.172	^{1,4,5,6,7} 0.710 ± 0.139	^{1,4,5,6,7} 0.689 ± 0.154	^{1,4,5,6,7} 0.704 ± 0.137
<i>ecoli-0-6-7-vs-5</i>	^{1,2,3,6} 0.814 ± 0.139	^{1,2,3,6} 0.853 ± 0.120	^{1,2,3,6} 0.851 ± 0.121	^{1,2,3,6} 0.852 ± 0.122	^{1,2,3,6} 0.858 ± 0.123	^{1,2,3,6} 0.855 ± 0.117	^{1,2,3,6} 0.857 ± 0.124
<i>ecoli-0-2-3-4-vs-5</i>	³ 0.878 ± 0.100	³ 0.906 ± 0.089	³ 0.905 ± 0.088	³ 0.902 ± 0.089	³ 0.901 ± 0.089	³ 0.902 ± 0.089	³ 0.903 ± 0.089
<i>ecoli4</i>	^{2,3} 0.879 ± 0.124	^{2,3} 0.909 ± 0.117	^{2,3} 0.907 ± 0.116	^{2,3} 0.913 ± 0.103	^{2,3} 0.928 ± 0.095	^{2,3} 0.913 ± 0.116	^{2,3} 0.922 ± 0.098
<i>yeast5</i>	^{2,3,7} 0.798 ± 0.083	^{2,3,7} 0.935 ± 0.048	^{2,3,7} 0.931 ± 0.053	^{2,3,7} 0.917 ± 0.069	^{2,3,7} 0.933 ± 0.056	^{2,3,7} 0.933 ± 0.063	^{2,3,7} 0.929 ± 0.052
<i>ecoli-0-4-6-vs-5</i>	^{1,3} 0.892 ± 0.095	^{1,3} 0.910 ± 0.091	^{1,3} 0.909 ± 0.090	^{1,3} 0.899 ± 0.090	^{1,3} 0.900 ± 0.091	^{1,3} 0.896 ± 0.093	^{1,3} 0.899 ± 0.091
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{4,5,6,7} 0.494 ± 0.179	^{4,5,6,7} 0.894 ± 0.075	^{4,5,6,7} 0.839 ± 0.161	^{4,5,6,7} 0.434 ± 0.212	^{4,5,6,7} 0.563 ± 0.165	^{4,5,6,7} 0.862 ± 0.113	^{4,5,6,7} 0.855 ± 0.156
<i>ecoli-0-1-vs-5</i>	⁴ 0.879 ± 0.104	⁴ 0.913 ± 0.082	⁴ 0.913 ± 0.082	⁴ 0.894 ± 0.087	⁴ 0.902 ± 0.085	⁴ 0.900 ± 0.084	⁴ 0.907 ± 0.081
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.747 ± 0.192	¹ 0.842 ± 0.108	¹ 0.856 ± 0.092	¹ 0.811 ± 0.129	¹ 0.814 ± 0.127	¹ 0.826 ± 0.111	¹ 0.823 ± 0.116
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,4} 0.805 ± 0.133	^{1,4} 0.836 ± 0.104	^{1,4} 0.842 ± 0.094	^{1,4} 0.844 ± 0.101	^{1,4} 0.840 ± 0.111	^{1,4} 0.847 ± 0.095	^{1,4} 0.843 ± 0.106
<i>shuttle-c0-vs-c4</i>	⁵ 0.996 ± 0.008	⁵ 0.996 ± 0.008	⁵ 0.996 ± 0.008	⁵ 0.995 ± 0.008	⁵ 0.995 ± 0.008	⁵ 0.995 ± 0.008	⁵ 0.995 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	^{2,3,7} 0.750 ± 0.159	^{2,3,7} 0.839 ± 0.121	^{2,3,7} 0.848 ± 0.127	^{2,3,7} 0.803 ± 0.129	^{2,3,7} 0.803 ± 0.131	^{2,3,7} 0.805 ± 0.128	^{2,3,7} 0.809 ± 0.122
<i>vowel0</i>	⁴ 0.969 ± 0.041	⁴ 0.996 ± 0.020	⁴ 0.996 ± 0.020	⁴ 0.779 ± 0.082	⁴ 0.907 ± 0.071	⁴ 0.919 ± 0.065	⁴ 0.917 ± 0.063
<i>glass4</i>	^{4,5,6,7} 0.641 ± 0.310	^{4,5,6,7} 0.873 ± 0.244	^{4,5,6,7} 0.873 ± 0.243	^{4,5,6,7} 0.730 ± 0.231	^{4,5,6,7} 0.760 ± 0.262	^{4,5,6,7} 0.717 ± 0.254	^{4,5,6,7} 0.783 ± 0.243
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,4,5,6,7} 0.532 ± 0.164	^{1,4,5,6,7} 0.788 ± 0.066	^{1,4,5,6,7} 0.786 ± 0.066	^{1,4,5,6,7} 0.757 ± 0.078	^{1,4,5,6,7} 0.780 ± 0.057	^{1,4,5,6,7} 0.774 ± 0.070	^{1,4,5,6,7} 0.797 ± 0.061
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,4,6} 0.719 ± 0.058	^{1,4,6} 0.778 ± 0.055	^{1,4,6} 0.777 ± 0.056	^{1,4,6} 0.733 ± 0.069	^{1,4,6} 0.751 ± 0.070	^{1,4,6} 0.728 ± 0.075	^{1,4,6} 0.743 ± 0.070
<i>ecoli-0-1-vs-2-3-5</i>	^{1,4,5,6,7} 0.807 ± 0.125	^{1,4,5,6,7} 0.864 ± 0.108	^{1,4,5,6,7} 0.866 ± 0.109	^{1,4,5,6,7} 0.835 ± 0.108	^{1,4,5,6,7} 0.844 ± 0.110	^{1,4,5,6,7} 0.841 ± 0.108	^{1,4,5,6,7} 0.841 ± 0.104
<i>ecoli-0-3-4-vs-5</i>	^{1,7} 0.888 ± 0.132	^{1,7} 0.905 ± 0.122	^{1,7} 0.904 ± 0.121	^{1,7} 0.904 ± 0.123	^{1,7} 0.903 ± 0.123	^{1,7} 0.902 ± 0.123	^{1,7} 0.897 ± 0.126
<i>glass5</i>	^{1,3} 0.394 ± 0.387	^{1,3} 0.698 ± 0.388	^{1,3} 0.738 ± 0.365	^{1,3} 0.730 ± 0.323	^{1,3} 0.782 ± 0.311	^{1,3} 0.716 ± 0.318	^{1,3} 0.789 ± 0.313
<i>yeast4</i>	^{1,2} 0.288 ± 0.183	^{1,2} 0.675 ± 0.116	^{1,2} 0.680 ± 0.112	^{1,2} 0.694 ± 0.094	^{1,2} 0.705 ± 0.095	^{1,2} 0.728 ± 0.114	^{1,2} 0.760 ± 0.100
<i>glass-0-4-vs-5</i>	^{1,2,3} 0.560 ± 0.419	^{1,2,3} 0.981 ± 0.049	^{1,2,3} 0.982 ± 0.048	^{1,2,3} 0.754 ± 0.284	^{1,2,3} 0.806 ± 0.293	^{1,2,3} 0.778 ± 0.289	^{all} 0.767 ± 0.288
<i>yeast6</i>	^{1,4,5,6,7} 0.707 ± 0.136	^{1,4,5,6,7} 0.800 ± 0.119	^{1,4,5,6,7} 0.810 ± 0.108	^{1,4,5,6,7} 0.815 ± 0.110	^{1,4,5,6,7} 0.825 ± 0.113	^{1,4,5,6,7} 0.828 ± 0.100	^{1,4,5,6,7} 0.842 ± 0.106
<i>page-blocks-1-3-vs-4</i>	^{1,2} 0.789 ± 0.138	^{1,2} 0.917 ± 0.087	^{1,2} 0.899 ± 0.094	^{1,2} 0.683 ± 0.221	^{1,2} 0.773 ± 0.130	^{1,2} 0.761 ± 0.209	^{1,2} 0.769 ± 0.140
<i>yeast-1-vs-7</i>	^{4,7} 0.142 ± 0.199	^{4,7} 0.538 ± 0.209	^{4,7} 0.538 ± 0.206	^{4,7} 0.583 ± 0.123	^{4,7} 0.557 ± 0.176	^{4,7} 0.609 ± 0.131	^{4,7} 0.624 ± 0.151
<i>ecoli-0-1-3-7-vs-2-6</i>	^{1,2,3,4,5} 0.741 ± 0.387	^{1,2,3,4,5} 0.733 ± 0.382	^{1,2,3,4,5} 0.737 ± 0.385	^{1,2,3,4,5} 0.739 ± 0.387	^{1,2,3,4,5} 0.737 ± 0.385	^{1,2,3,4,5} 0.726 ± 0.378	^{1,2,3,4,5} 0.734 ± 0.383
<i>yeast-1-4-5-8-vs-7</i>	⁶ 0.008 ± 0.056	⁶ 0.358 ± 0.234	⁶ 0.382 ± 0.231	⁶ 0.464 ± 0.210	⁶ 0.506 ± 0.190	⁶ 0.557 ± 0.174	⁶ 0.561 ± 0.159
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,2,3,4} 0.844 ± 0.132	^{1,2,3,4} 0.890 ± 0.083	^{1,2,3,4} 0.895 ± 0.074	^{1,2,3,4} 0.878 ± 0.086	^{1,2,3,4} 0.874 ± 0.092	^{1,2,3,4} 0.886 ± 0.082	^{1,2,3,4} 0.881 ± 0.092
<i>yeast-2-vs-8</i>	⁴ 0.718 ± 0.181	⁴ 0.716 ± 0.180	⁴ 0.729 ± 0.154	⁴ 0.718 ± 0.181	⁴ 0.728 ± 0.154	⁴ 0.718 ± 0.181	⁴ 0.727 ± 0.154
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	² 0.885 ± 0.047	² 0.891 ± 0.044	² 0.889 ± 0.043	² 0.891 ± 0.045	² 0.898 ± 0.042	² 0.890 ± 0.046	² 0.895 ± 0.044
<i>glass2</i>	³ 0.201 ± 0.271	³ 0.660 ± 0.182	³ 0.636 ± 0.204	³ 0.742 ± 0.158	³ 0.741 ± 0.149	³ 0.729 ± 0.139	³ 0.735 ± 0.146
	^{1,3}	^{1,3}	¹	^{all}	^{1,2,3,6}	^{1,2,3}	^{1,2,3,6}

Table 11: Results for GMEAN metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.549	4.939	5.037	3.268	4.439	3.915	4.854
	—	1,4,6	1,4,6	1	1,4	1,4	1,4,6

Table 12: Results for mean ranks according to GMEAN metric