

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.750 ± 0.158	0.909 ± 0.143	0.907 ± 0.143	0.783 ± 0.142	0.809 ± 0.154	0.813 ± 0.122	0.859 ± 0.129
<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	0.910 ± 0.082	0.904 ± 0.079
<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	0.721 ± 0.098	0.716 ± 0.099
<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	0.920 ± 0.075	0.915 ± 0.074
<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	0.640 ± 0.103	0.639 ± 0.097
<i>ecoli4</i>	0.894 ± 0.100	0.919 ± 0.098	0.918 ± 0.097	0.922 ± 0.090	0.935 ± 0.084	0.930 ± 0.076	0.932 ± 0.073
<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	0.884 ± 0.067	0.878 ± 0.056
<i>glass5</i>	0.648 ± 0.165	0.814 ± 0.203	0.834 ± 0.194	0.810 ± 0.179	0.847 ± 0.174	0.804 ± 0.178	0.876 ± 0.156
<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	0.905 ± 0.092	0.898 ± 0.090
<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	0.789 ± 0.054	0.799 ± 0.046
<i>yeast6</i>	0.757 ± 0.091	0.823 ± 0.090	0.829 ± 0.086	0.835 ± 0.084	0.843 ± 0.087	0.880 ± 0.056	0.878 ± 0.056
<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	0.868 ± 0.098	0.867 ± 0.099
<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	0.842 ± 0.152	0.845 ± 0.161
<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	0.703 ± 0.201	0.824 ± 0.196
<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	0.772 ± 0.049	0.773 ± 0.040
<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	0.899 ± 0.064	0.898 ± 0.060
<i>yeast5</i>	0.821 ± 0.064	0.937 ± 0.045	0.933 ± 0.048	0.922 ± 0.062	0.936 ± 0.052	0.963 ± 0.032	0.972 ± 0.020
<i>shuttle-c2-vs-c4</i>	0.585 ± 0.177	0.995 ± 0.034	0.995 ± 0.034	0.855 ± 0.218	0.895 ± 0.194	0.780 ± 0.232	0.895 ± 0.194
<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	0.839 ± 0.084	0.837 ± 0.078
<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	0.706 ± 0.069	0.714 ± 0.058
<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	0.669 ± 0.110	0.683 ± 0.104
<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	0.658 ± 0.102	0.690 ± 0.088
<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	0.908 ± 0.079
<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	0.681 ± 0.117	0.688 ± 0.107
<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	0.875 ± 0.058	0.886 ± 0.055
<i>glass-0-6-vs-5</i>	0.714 ± 0.194	0.920 ± 0.139	0.935 ± 0.111	0.791 ± 0.195	0.818 ± 0.173	0.802 ± 0.182	0.842 ± 0.176
<i>glass2</i>	0.547 ± 0.083	0.708 ± 0.109	0.695 ± 0.114	0.759 ± 0.118	0.757 ± 0.113	0.722 ± 0.109	0.733 ± 0.095
<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	0.785 ± 0.115	0.788 ± 0.104
<i>vowel0</i>	0.970 ± 0.038	0.996 ± 0.019	0.997 ± 0.019	0.805 ± 0.063	0.913 ± 0.062	0.974 ± 0.029	0.957 ± 0.034
<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	0.859 ± 0.163	0.900 ± 0.142
<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	0.724 ± 0.104	0.728 ± 0.105
<i>yeast4</i>	0.555 ± 0.043	0.725 ± 0.078	0.727 ± 0.077	0.736 ± 0.067	0.744 ± 0.070	0.799 ± 0.068	0.815 ± 0.065
<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	0.904 ± 0.082	0.901 ± 0.083
<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	0.929 ± 0.057	0.911 ± 0.073
<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	0.897 ± 0.035	0.888 ± 0.032
<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	0.860 ± 0.091	0.847 ± 0.096
<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	0.838 ± 0.089	0.836 ± 0.089
<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	0.892 ± 0.082	0.883 ± 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	0.836 ± 0.082	0.830 ± 0.081
<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-0-3-4-vs-5</i>	0.903 ± 0.105	0.915 ± 0.100	0.914 ± 0.099	0.914 ± 0.102	0.913 ± 0.102	0.913 ± 0.103	0.907 ± 0.101

Table 1: Results for BAC metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.561	5.000	4.805	3.268	4.293	4.537	4.537
	—	1,4	1,4	1	1,4	1,4	1,4

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>glass4</i>	0.572 ± 0.309	0.707 ± 0.249	0.689 ± 0.242	0.527 ± 0.221	0.553 ± 0.247	0.531 ± 0.194	0.582 ± 0.197
<i>ecoli-0-2-3-4-vs-5</i>	⁴ 0.852 ± 0.121	^{1,4,5,6,7} 0.822 ± 0.130	^{1,4,5,6,7} 0.821 ± 0.128	[—] 0.828 ± 0.139	[—] 0.816 ± 0.135	[—] 0.809 ± 0.139	^{4,6} 0.772 ± 0.133
<i>glass-0-1-6-vs-2</i>	^{5,6,7} 0.088 ± 0.169	⁷ 0.334 ± 0.169	⁷ 0.332 ± 0.168	⁷ 0.342 ± 0.115	⁷ 0.326 ± 0.086	⁷ 0.287 ± 0.076	[—] 0.281 ± 0.072
<i>ecoli-0-1-vs-5</i>	[—] 0.855 ± 0.117	^{1,6,7} 0.862 ± 0.100	^{1,6,7} 0.858 ± 0.104	^{1,6,7} 0.874 ± 0.099	^{1,6,7} 0.875 ± 0.102	^{1,6,7} 0.863 ± 0.110	¹ 0.843 ± 0.114
<i>yeast-1-4-5-8-vs-7</i>	[—] 0.004 ± 0.031	[—] 0.142 ± 0.109	[—] 0.145 ± 0.106	⁷ 0.135 ± 0.084	⁷ 0.131 ± 0.065	[—] 0.150 ± 0.060	[—] 0.145 ± 0.048
<i>ecoli4</i>	[—] 0.853 ± 0.143	¹ 0.807 ± 0.146	¹ 0.791 ± 0.148	¹ 0.868 ± 0.133	¹ 0.862 ± 0.136	^{1,5,7} 0.763 ± 0.131	¹ 0.725 ± 0.118
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{2,3,6,7} 0.388 ± 0.185	^{6,7} 0.678 ± 0.098	^{6,7} 0.639 ± 0.163	^{2,3,6,7} 0.314 ± 0.189	^{2,3,6,7} 0.405 ± 0.182	⁷ 0.654 ± 0.125	[—] 0.532 ± 0.072
<i>glass5</i>	⁴ 0.325 ± 0.332	^{1,4,5,7} 0.519 ± 0.318	^{1,4,5,7} 0.558 ± 0.307	[—] 0.476 ± 0.273	⁴ 0.462 ± 0.224	^{1,4,5,7} 0.433 ± 0.250	^{1,4,5} 0.487 ± 0.206
<i>ecoli-0-3-4-6-vs-5</i>	[—] 0.853 ± 0.140	^{1,5,6} 0.833 ± 0.135	^{1,4,5,6,7} 0.833 ± 0.126	^{1,6} 0.778 ± 0.148	¹ 0.782 ± 0.157	[—] 0.781 ± 0.154	¹ 0.741 ± 0.146
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.405 ± 0.157	^{4,5,6,7} 0.555 ± 0.077	^{4,5,6,7} 0.549 ± 0.078	⁷ 0.561 ± 0.085	⁷ 0.560 ± 0.089	⁷ 0.414 ± 0.055	[—] 0.412 ± 0.046
<i>yeast6</i>	[—] 0.553 ± 0.158	^{1,6,7} 0.494 ± 0.123	^{1,6,7} 0.494 ± 0.120	^{1,6,7} 0.540 ± 0.117	^{1,6,7} 0.513 ± 0.122	[—] 0.352 ± 0.060	[—] 0.327 ± 0.050
<i>ecoli-0-6-7-vs-5</i>	^{2,3,5,6,7} 0.774 ± 0.170	^{6,7} 0.727 ± 0.153	^{6,7} 0.710 ± 0.146	^{2,3,5,6,7} 0.785 ± 0.170	^{6,7} 0.775 ± 0.169	⁷ 0.699 ± 0.164	[—] 0.641 ± 0.152
<i>glass-0-1-6-vs-5</i>	^{2,3,6,7} 0.332 ± 0.282	^{6,7} 0.626 ± 0.242	⁷ 0.620 ± 0.280	^{2,3,6,7} 0.550 ± 0.249	^{2,3,6,7} 0.499 ± 0.253	⁷ 0.558 ± 0.234	[—] 0.519 ± 0.247
<i>ecoli-0-1-3-7-vs-2-6</i>	[—] 0.727 ± 0.386	^{1,4,5,7} 0.530 ± 0.314	^{1,4,5,7} 0.608 ± 0.357	^{1,5,7} 0.677 ± 0.389	¹ 0.643 ± 0.380	^{1,5,7} 0.292 ± 0.266	¹ 0.401 ± 0.267
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{2,3,5,6,7} 0.626 ± 0.075	^{6,7} 0.550 ± 0.060	^{2,6,7} 0.537 ± 0.064	^{2,6,7} 0.625 ± 0.085	^{2,6,7} 0.626 ± 0.085	[—] 0.419 ± 0.062	⁶ 0.398 ± 0.043
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3,6,7} 0.812 ± 0.160	^{3,6,7} 0.775 ± 0.122	^{6,7} 0.771 ± 0.116	^{2,3,6,7} 0.828 ± 0.109	^{2,3,6,7} 0.813 ± 0.121	⁷ 0.702 ± 0.127	[—] 0.674 ± 0.124
<i>yeast5</i>	^{2,3,6,7} 0.706 ± 0.114	^{6,7} 0.707 ± 0.074	^{6,7} 0.697 ± 0.080	^{2,3,6,7} 0.709 ± 0.086	^{2,6,7} 0.702 ± 0.077	[—] 0.609 ± 0.067	[—] 0.608 ± 0.059
<i>shuttle-c2-vs-c4</i>	^{6,7} 0.180 ± 0.366	^{3,6,7} 0.993 ± 0.046	^{6,7} 0.993 ± 0.046	^{6,7} 0.720 ± 0.433	^{6,7} 0.800 ± 0.382	[—] 0.580 ± 0.465	[—] 0.800 ± 0.382
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[—] 0.773 ± 0.159	^{1,4,5,6,7} 0.687 ± 0.128	^{1,4,5,6,7} 0.679 ± 0.111	¹ 0.798 ± 0.114	^{1,6} 0.783 ± 0.132	¹ 0.605 ± 0.133	^{1,6} 0.553 ± 0.118
<i>yeast-0-3-5-9-vs-7-8</i>	^{2,3,6,7} 0.397 ± 0.126	^{6,7} 0.407 ± 0.084	^{6,7} 0.400 ± 0.079	^{2,3,6,7} 0.401 ± 0.125	^{2,3,6,7} 0.392 ± 0.127	⁷ 0.348 ± 0.071	[—] 0.334 ± 0.052
<i>yeast-1-vs-7</i>	^{6,7} 0.101 ± 0.143	^{6,7} 0.292 ± 0.155	^{6,7} 0.281 ± 0.144	^{6,7} 0.246 ± 0.088	^{6,7} 0.237 ± 0.110	⁷ 0.224 ± 0.077	[—] 0.225 ± 0.066
<i>yeast-1-2-8-9-vs-7</i>	[—] 0.026 ± 0.079	^{all} 0.235 ± 0.125	^{1,5,6,7} 0.229 ± 0.119	¹ 0.173 ± 0.100	¹ 0.164 ± 0.095	¹ 0.145 ± 0.061	¹ 0.157 ± 0.050
<i>ecoli-0-1-4-6-vs-5</i>	[—] 0.845 ± 0.127	^{all} 0.843 ± 0.110	^{1,4,5,6,7} 0.839 ± 0.112	^{1,6} 0.829 ± 0.105	¹ 0.827 ± 0.108	¹ 0.791 ± 0.114	¹ 0.785 ± 0.114
<i>glass-0-1-5-vs-2</i>	^{6,7} 0.113 ± 0.179	^{6,7} 0.327 ± 0.175	^{6,7} 0.322 ± 0.156	^{6,7} 0.347 ± 0.126	^{6,7} 0.325 ± 0.093	[—] 0.277 ± 0.088	[—] 0.278 ± 0.077
<i>yeast-2-vs-4</i>	[—] 0.752 ± 0.104	^{1,6,7} 0.748 ± 0.086	^{1,6,7} 0.757 ± 0.090	^{1,5,6,7} 0.754 ± 0.095	^{1,6,7} 0.762 ± 0.100	¹ 0.668 ± 0.075	¹ 0.656 ± 0.083
<i>glass-0-6-vs-5</i>	^{6,7} 0.490 ± 0.393	^{6,7} 0.787 ± 0.265	^{6,7} 0.807 ± 0.220	^{6,7} 0.615 ± 0.364	^{6,7} 0.668 ± 0.315	[—] 0.630 ± 0.341	[—] 0.692 ± 0.316
<i>glass2</i>	[—] 0.152 ± 0.209	^{1,4,5,6,7} 0.369 ± 0.148	^{1,4,5,6,7} 0.344 ± 0.149	¹ 0.351 ± 0.125	¹ 0.331 ± 0.107	¹ 0.276 ± 0.078	¹ 0.285 ± 0.068
<i>yeast-2-vs-8</i>	[—] 0.661 ± 0.209	^{1,3,5,6,7} 0.528 ± 0.180	^{1,6,7} 0.504 ± 0.158	^{1,5,6,7} 0.661 ± 0.209	^{1,6,7} 0.665 ± 0.200	¹ 0.394 ± 0.151	¹ 0.346 ± 0.105
<i>vowel0</i>	^{2,3,6,7} 0.963 ± 0.046	^{3,6,7} 0.990 ± 0.026	^{6,7} 0.991 ± 0.025	^{2,3,6,7} 0.710 ± 0.102	^{2,3,6,7} 0.852 ± 0.086	⁷ 0.880 ± 0.061	[—] 0.879 ± 0.059
<i>glass-0-4-vs-5</i>	^{4,5,6,7} 0.547 ± 0.415	^{1,4,5,6,7} 0.908 ± 0.141	^{1,4,5,6,7} 0.909 ± 0.135	[—] 0.622 ± 0.281	⁴ 0.689 ± 0.296	^{4,5} 0.654 ± 0.283	⁴ 0.724 ± 0.261
<i>glass-0-1-4-6-vs-2</i>	[—] 0.074 ± 0.165	^{1,4,5,6,7} 0.354 ± 0.148	^{1,4,5,6,7} 0.340 ± 0.161	[—] 0.324 ± 0.133	¹ 0.322 ± 0.103	[—] 0.292 ± 0.095	^{1,4} 0.289 ± 0.085
<i>yeast4</i>	[—] 0.170 ± 0.122	^{1,6,7} 0.385 ± 0.108	^{1,6,7} 0.374 ± 0.100	^{1,6,7} 0.394 ± 0.096	^{1,6,7} 0.399 ± 0.094	¹ 0.311 ± 0.054	¹ 0.306 ± 0.048
<i>ecoli-0-4-6-vs-5</i>	[—] 0.860 ± 0.134	^{1,3,6,7} 0.850 ± 0.140	^{1,6,7} 0.850 ± 0.135	^{1,6,7} 0.801 ± 0.137	^{1,6,7} 0.792 ± 0.143	¹ 0.793 ± 0.144	¹ 0.764 ± 0.149
<i>page-blocks-1-3-vs-4</i>	^{4,5,6,7} 0.648 ± 0.152	^{4,5,6,7} 0.691 ± 0.116	^{4,5,6,7} 0.685 ± 0.124	⁷ 0.525 ± 0.213	⁷ 0.612 ± 0.160	⁷ 0.617 ± 0.095	[—] 0.623 ± 0.113
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁴ 0.829 ± 0.059	^{4,5,6,7} 0.744 ± 0.053	^{4,5,6,7} 0.733 ± 0.056	[—] 0.822 ± 0.058	⁴ 0.823 ± 0.055	⁴ 0.672 ± 0.056	⁴ 0.605 ± 0.042
<i>ecoli-0-1-vs-2-3-5</i>	^{2,3,4,6,7} 0.773 ± 0.150	^{3,6,7} 0.744 ± 0.131	^{6,7} 0.743 ± 0.141	^{2,3,6,7} 0.802 ± 0.135	^{2,3,6,7} 0.810 ± 0.136	⁷ 0.772 ± 0.145	[—] 0.661 ± 0.147
<i>ecoli-0-6-7-vs-3-5</i>	⁷ 0.689 ± 0.199	⁷ 0.718 ± 0.169	⁷ 0.717 ± 0.169	^{2,3,6,7} 0.728 ± 0.181	^{1,2,3,6,7} 0.722 ± 0.181	⁷ 0.653 ± 0.165	[—] 0.613 ± 0.162
<i>ecoli-0-3-4-7-vs-5-6</i>	⁷ 0.813 ± 0.131	^{6,7} 0.768 ± 0.116	^{6,7} 0.752 ± 0.115	^{6,7} 0.803 ± 0.115	^{6,7} 0.785 ± 0.127	⁷ 0.712 ± 0.141	[—] 0.660 ± 0.129
<i>ecoli-0-2-6-7-vs-3-5</i>	^{2,3,6,7} 0.699 ± 0.217	^{3,6,7} 0.721 ± 0.135	^{6,7} 0.727 ± 0.131	^{2,3,5,6,7} 0.732 ± 0.178	^{6,7} 0.731 ± 0.173	⁷ 0.649 ± 0.144	[—] 0.591 ± 0.136
<i>shuttle-c0-vs-c4</i>	^{6,7} 0.996 ± 0.008	^{6,7} 0.996 ± 0.008	^{6,7} 0.996 ± 0.008	^{6,7} 0.995 ± 0.008	^{6,7} 0.995 ± 0.008	⁷ 0.995 ± 0.008	[—] 0.995 ± 0.008
<i>ecoli-0-3-4-vs-5</i>	[—] 0.861 ± 0.162	[—] 0.836 ± 0.158	[—] 0.829 ± 0.156	[—] 0.828 ± 0.161	[—] 0.818 ± 0.161	[—] 0.820 ± 0.171	[—] 0.779 ± 0.162
	^{all}	⁷	⁷	⁷	⁷	⁷	[—]

Table 3: Results for F1 metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.817	5.280	4.720	4.829	4.463	2.695	2.195
	^{6,7}	^{1,3,5,6,7}	^{6,7}	^{1,6,7}	^{6,7}	⁷	[—]

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>glass4</i>	0.728 ± 0.384	0.637 ± 0.272	0.609 ± 0.261	0.503 ± 0.249	0.511 ± 0.270	0.472 ± 0.230	0.508 ± 0.239
<i>ecoli-0-2-3-4-vs-5</i>	0.960 ± 0.092	0.829 ± 0.180	0.829 ± 0.181	0.846 ± 0.184	0.824 ± 0.183	0.802 ± 0.189	0.741 ± 0.188
<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	0.175 ± 0.051	0.171 ± 0.048
<i>ecoli-0-1-vs-5</i>	0.972 ± 0.076	0.902 ± 0.122	0.896 ± 0.138	0.973 ± 0.073	0.956 ± 0.097	0.899 ± 0.131	0.870 ± 0.155
<i>yeast-1-4-5-8-vs-7</i>	0.007 ± 0.046	0.115 ± 0.089	0.112 ± 0.081	0.088 ± 0.056	0.082 ± 0.041	0.088 ± 0.035	0.084 ± 0.028
<i>ecoli4</i>	0.973 ± 0.073	0.812 ± 0.179	0.788 ± 0.189	0.913 ± 0.127	0.870 ± 0.151	0.705 ± 0.189	0.645 ± 0.183
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.782 ± 0.304	0.570 ± 0.106	0.578 ± 0.134	0.548 ± 0.324	0.518 ± 0.254	0.553 ± 0.141	0.388 ± 0.079
<i>glass5</i>	0.377 ± 0.406	0.451 ± 0.298	0.494 ± 0.301	0.401 ± 0.273	0.355 ± 0.205	0.346 ± 0.237	0.369 ± 0.195
<i>ecoli-0-3-4-6-vs-5</i>	0.946 ± 0.119	0.844 ± 0.160	0.842 ± 0.145	0.761 ± 0.170	0.753 ± 0.183	0.742 ± 0.176	0.680 ± 0.172
<i>yeast-0-5-6-7-9-vs-4</i>	0.647 ± 0.237	0.476 ± 0.087	0.469 ± 0.087	0.531 ± 0.101	0.500 ± 0.127	0.282 ± 0.045	0.275 ± 0.037
<i>yeast6</i>	0.626 ± 0.178	0.402 ± 0.111	0.395 ± 0.110	0.454 ± 0.112	0.410 ± 0.114	0.225 ± 0.045	0.205 ± 0.036
<i>ecoli-0-6-7-vs-5</i>	0.953 ± 0.114	0.732 ± 0.191	0.704 ± 0.181	0.852 ± 0.187	0.813 ± 0.188	0.664 ± 0.213	0.558 ± 0.175
<i>glass-0-1-6-vs-5</i>	0.373 ± 0.371	0.543 ± 0.253	0.536 ± 0.286	0.486 ± 0.262	0.418 ± 0.245	0.488 ± 0.240	0.426 ± 0.241
<i>ecoli-0-1-3-7-vs-2-6</i>	0.790 ± 0.401	0.494 ± 0.349	0.600 ± 0.389	0.697 ± 0.412	0.650 ± 0.411	0.278 ± 0.329	0.355 ± 0.324
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.779 ± 0.092	0.473 ± 0.059	0.453 ± 0.061	0.728 ± 0.089	0.686 ± 0.097	0.296 ± 0.060	0.268 ± 0.037
<i>ecoli-0-1-4-7-vs-5-6</i>	0.967 ± 0.091	0.768 ± 0.175	0.751 ± 0.177	0.902 ± 0.122	0.877 ± 0.146	0.620 ± 0.166	0.578 ± 0.175
<i>yeast5</i>	0.794 ± 0.140	0.591 ± 0.087	0.580 ± 0.090	0.609 ± 0.093	0.585 ± 0.085	0.448 ± 0.069	0.443 ± 0.062
<i>shuttle-c2-vs-c4</i>	0.200 ± 0.400	1.000 ± 0.000	1.000 ± 0.000	0.740 ± 0.438	0.820 ± 0.384	0.620 ± 0.485	0.820 ± 0.384
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.979 ± 0.065	0.673 ± 0.169	0.650 ± 0.148	0.923 ± 0.111	0.891 ± 0.133	0.530 ± 0.163	0.452 ± 0.141
<i>yeast-0-3-5-9-vs-7-8</i>	0.605 ± 0.176	0.334 ± 0.075	0.319 ± 0.069	0.584 ± 0.197	0.497 ± 0.177	0.244 ± 0.056	0.220 ± 0.038
<i>yeast-1-vs-7</i>	0.330 ± 0.464	0.262 ± 0.146	0.243 ± 0.133	0.182 ± 0.072	0.180 ± 0.101	0.138 ± 0.049	0.136 ± 0.041
<i>yeast-1-2-8-9-vs-7</i>	0.070 ± 0.223	0.197 ± 0.107	0.184 ± 0.100	0.122 ± 0.072	0.112 ± 0.085	0.086 ± 0.037	0.091 ± 0.030
<i>ecoli-0-1-4-6-vs-5</i>	0.960 ± 0.100	0.866 ± 0.144	0.852 ± 0.142	0.885 ± 0.135	0.859 ± 0.139	0.792 ± 0.160	0.770 ± 0.162
<i>glass-0-1-5-vs-2</i>	0.186 ± 0.333	0.255 ± 0.137	0.250 ± 0.124	0.233 ± 0.088	0.208 ± 0.068	0.171 ± 0.060	0.170 ± 0.050
<i>yeast-2-vs-4</i>	0.922 ± 0.095	0.741 ± 0.113	0.747 ± 0.117	0.862 ± 0.108	0.848 ± 0.107	0.576 ± 0.093	0.540 ± 0.095
<i>glass-0-6-vs-5</i>	0.600 ± 0.469	0.772 ± 0.302	0.782 ± 0.266	0.698 ± 0.411	0.755 ± 0.366	0.712 ± 0.390	0.752 ± 0.359
<i>glass2</i>	0.260 ± 0.387	0.295 ± 0.137	0.279 ± 0.163	0.235 ± 0.096	0.215 ± 0.080	0.169 ± 0.052	0.175 ± 0.046
<i>yeast-2-vs-8</i>	0.908 ± 0.200	0.563 ± 0.234	0.500 ± 0.203	0.908 ± 0.200	0.911 ± 0.190	0.302 ± 0.150	0.241 ± 0.086
<i>vowel0</i>	0.989 ± 0.027	0.987 ± 0.027	0.989 ± 0.026	0.850 ± 0.110	0.880 ± 0.087	0.807 ± 0.082	0.836 ± 0.084
<i>glass-0-4-vs-5</i>	0.660 ± 0.473	0.860 ± 0.203	0.860 ± 0.195	0.646 ± 0.342	0.695 ± 0.345	0.619 ± 0.320	0.685 ± 0.307
<i>glass-0-1-4-6-vs-2</i>	0.133 ± 0.310	0.277 ± 0.123	0.264 ± 0.131	0.219 ± 0.093	0.206 ± 0.071	0.182 ± 0.068	0.177 ± 0.057
<i>yeast4</i>	0.358 ± 0.276	0.328 ± 0.103	0.309 ± 0.088	0.328 ± 0.090	0.331 ± 0.094	0.201 ± 0.036	0.194 ± 0.031
<i>ecoli-0-4-6-vs-5</i>	0.935 ± 0.135	0.871 ± 0.172	0.873 ± 0.168	0.787 ± 0.178	0.764 ± 0.181	0.772 ± 0.188	0.720 ± 0.193
<i>page-blocks-1-3-vs-4</i>	0.686 ± 0.174	0.577 ± 0.117	0.590 ± 0.140	0.556 ± 0.230	0.629 ± 0.186	0.469 ± 0.100	0.495 ± 0.131
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.871 ± 0.068	0.679 ± 0.067	0.660 ± 0.071	0.841 ± 0.066	0.828 ± 0.068	0.550 ± 0.068	0.461 ± 0.051
<i>ecoli-0-1-vs-2-3-5</i>	0.968 ± 0.081	0.746 ± 0.169	0.731 ± 0.167	0.951 ± 0.112	0.943 ± 0.115	0.839 ± 0.158	0.627 ± 0.196
<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	0.619 ± 0.208	0.541 ± 0.191
<i>ecoli-0-3-4-7-vs-5-6</i>	0.944 ± 0.091	0.748 ± 0.150	0.726 ± 0.162	0.853 ± 0.135	0.816 ± 0.147	0.631 ± 0.165	0.557 ± 0.157
<i>ecoli-0-2-6-7-vs-3-5</i>	0.933 ± 0.175	0.734 ± 0.182	0.726 ± 0.196	0.813 ± 0.193	0.804 ± 0.194	0.610 ± 0.191	0.512 ± 0.166
<i>shuttle-c0-vs-c4</i>	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-0-3-4-vs-5</i>	0.958 ± 0.111	0.868 ± 0.168	0.857 ± 0.171	0.835 ± 0.165	0.817 ± 0.170	0.819 ± 0.182	0.750 ± 0.186

Table 5: Results for Precision metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	5.524	5.000	4.390	4.915	4.232	2.244	1.695
	4,5,6,7	3,5,6,7	6,7	5,6,7	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>glass4</i>	0.513 ± 0.310	0.857 ± 0.278	0.857 ± 0.278	0.613 ± 0.275	0.667 ± 0.298	0.687 ± 0.239	0.780 ± 0.254
<i>ecoli-0-2-3-4-vs-5</i>	— 0.785 ± 0.165	^{1,4,5,6,7} 0.850 ± 0.158	^{1,4,5,6,7} 0.850 ± 0.158	¹ 0.840 ± 0.156	¹ 0.840 ± 0.156	^{1,4} 0.850 ± 0.158	^{1,4,5,6} 0.850 ± 0.158
<i>glass-0-1-6-vs-2</i>	— 0.065 ± 0.123	¹ 0.480 ± 0.251	¹ 0.477 ± 0.241	¹ 0.705 ± 0.240	¹ 0.802 ± 0.202	¹ 0.827 ± 0.194	¹ 0.827 ± 0.194
<i>ecoli-0-1-vs-5</i>	— 0.785 ± 0.180	¹ 0.850 ± 0.150	¹ 0.850 ± 0.150	^{1,2,3} 0.810 ± 0.154	^{1,2,3,4} 0.825 ± 0.152	^{1,2,3,4} 0.850 ± 0.150	^{1,2,3,4} 0.845 ± 0.149
<i>yeast-1-4-5-8-vs-7</i>	— 0.003 ± 0.023	¹ 0.197 ± 0.165	¹ 0.217 ± 0.174	— 0.303 ± 0.190	— 0.363 ± 0.196	¹ 0.533 ± 0.202	¹ 0.560 ± 0.184
<i>ecoli4</i>	— 0.790 ± 0.202	¹ 0.855 ± 0.200	¹ 0.855 ± 0.200	^{1,2,3} 0.850 ± 0.180	^{1,2,3,4} 0.880 ± 0.167	^{1,2,3,4,5} 0.890 ± 0.159	^{1,2,3,4,5} 0.905 ± 0.157
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	— 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 0.839 ± 0.132	^{1,2,3,4} 0.894 ± 0.131
<i>glass5</i>	⁴ 0.310 ± 0.330	^{1,3,4,5} 0.660 ± 0.405	^{1,4,5} 0.700 ± 0.387	— 0.670 ± 0.355	^{1,4} 0.760 ± 0.349	^{1,4,5} 0.670 ± 0.355	<i>all</i> 0.820 ± 0.312
<i>ecoli-0-3-4-6-vs-5</i>	— 0.795 ± 0.185	¹ 0.850 ± 0.173	¹ 0.850 ± 0.173	¹ 0.815 ± 0.164	^{1,6} 0.835 ± 0.170	¹ 0.845 ± 0.172	^{1,2,4,6} 0.845 ± 0.172
<i>yeast-0-5-6-7-9-vs-4</i>	— 0.317 ± 0.153	¹ 0.685 ± 0.116	¹ 0.683 ± 0.116	— 0.619 ± 0.127	— 0.665 ± 0.099	¹ 0.801 ± 0.114	¹ 0.839 ± 0.099
<i>yeast6</i>	— 0.523 ± 0.184	^{1,4} 0.671 ± 0.183	^{1,4} 0.686 ± 0.173	¹ 0.691 ± 0.169	^{1,4} 0.711 ± 0.174	^{1,2,3,4,5} 0.831 ± 0.116	<i>all</i> 0.837 ± 0.117
<i>ecoli-0-6-7-vs-5</i>	— 0.685 ± 0.216	¹ 0.770 ± 0.205	¹ 0.770 ± 0.211	¹ 0.750 ± 0.200	^{1,2} 0.765 ± 0.202	^{1,2,3,4,5} 0.785 ± 0.187	^{1,2,3,4,5} 0.810 ± 0.197
<i>glass-0-1-6-vs-5</i>	— 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 0.730 ± 0.303	^{1,4} 0.750 ± 0.320
<i>ecoli-0-1-3-7-vs-2-6</i>	— 0.700 ± 0.400	^{1,5} 0.700 ± 0.400	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	¹ 0.460 ± 0.397	¹ 0.700 ± 0.400
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	⁶ 0.529 ± 0.083	⁶ 0.664 ± 0.093	⁶ 0.667 ± 0.094	⁶ 0.556 ± 0.102	⁶ 0.587 ± 0.106	— 0.747 ± 0.103	⁶ 0.786 ± 0.094
<i>ecoli-0-1-4-7-vs-5-6</i>	— 0.732 ± 0.198	^{1,4,5} 0.820 ± 0.150	^{1,4,5} 0.832 ± 0.140	¹ 0.784 ± 0.154	^{1,4} 0.780 ± 0.161	^{1,2,3,4,5} 0.848 ± 0.129	<i>all</i> 0.856 ± 0.120
<i>yeast5</i>	— 0.647 ± 0.127	^{1,5} 0.894 ± 0.090	^{1,4,5} 0.887 ± 0.097	— 0.862 ± 0.124	— 0.892 ± 0.104	^{1,4,5} 0.964 ± 0.065	^{1,4,5} 0.982 ± 0.040
<i>shuttle-c2-vs-c4</i>	— 0.170 ± 0.355	¹ 0.990 ± 0.069	¹ 0.990 ± 0.069	¹ 0.710 ± 0.436	^{1,4} 0.790 ± 0.388	^{1,2,3,4,5} 0.560 ± 0.465	^{1,2,3,4,5} 0.790 ± 0.388
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	— 0.668 ± 0.202	^{1,4,5,6,7} 0.740 ± 0.169	^{1,4,5,6,7} 0.751 ± 0.166	¹ 0.729 ± 0.168	^{1,6} 0.726 ± 0.177	¹ 0.753 ± 0.167	^{1,6} 0.779 ± 0.162
<i>yeast-0-3-5-9-vs-7-8</i>	— 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 0.634 ± 0.149	^{1,2,4,5} 0.706 ± 0.125
<i>yeast-1-vs-7</i>	— 0.060 ± 0.086	^{1,4,5} 0.360 ± 0.203	^{1,4,5} 0.363 ± 0.201	— 0.413 ± 0.177	¹ 0.403 ± 0.213	^{1,2,3,4,5} 0.610 ± 0.217	<i>all</i> 0.667 ± 0.208
<i>yeast-1-2-8-9-vs-7</i>	— 0.017 ± 0.049	¹ 0.303 ± 0.165	¹ 0.313 ± 0.162	¹ 0.307 ± 0.180	¹ 0.377 ± 0.199	^{1,2,3,4,5} 0.490 ± 0.203	<i>all</i> 0.567 ± 0.176
<i>ecoli-0-1-4-6-vs-5</i>	— 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	^{1,2,3,4,5} 0.825 ± 0.160	<i>all</i> 0.840 ± 0.164
<i>glass-0-1-5-vs-2</i>	— 0.090 ± 0.139	¹ 0.492 ± 0.289	¹ 0.490 ± 0.271	— 0.707 ± 0.267	¹ 0.787 ± 0.218	¹ 0.782 ± 0.236	¹ 0.805 ± 0.222
<i>yeast-2-vs-4</i>	— 0.647 ± 0.132	¹ 0.774 ± 0.125	¹ 0.786 ± 0.122	^{1,2,3} 0.682 ± 0.123	^{1,2,3,4} 0.705 ± 0.133	^{1,2,3,4} 0.820 ± 0.127	^{1,2,3,4} 0.855 ± 0.117
<i>glass-0-6-vs-5</i>	— 0.440 ± 0.382	^{1,4,5} 0.870 ± 0.279	^{1,4,5} 0.900 ± 0.223	¹ 0.600 ± 0.387	^{1,4} 0.660 ± 0.338	^{1,2,3,4,5} 0.620 ± 0.368	<i>all</i> 0.710 ± 0.347
<i>glass2</i>	— 0.117 ± 0.164	^{1,4,5,6,7} 0.533 ± 0.224	^{1,4,5,6,7} 0.512 ± 0.238	¹ 0.738 ± 0.228	¹ 0.765 ± 0.219	¹ 0.788 ± 0.205	¹ 0.802 ± 0.173
<i>yeast-2-vs-8</i>	— 0.550 ± 0.229	¹ 0.560 ± 0.232	¹ 0.575 ± 0.230	^{1,2,3} 0.550 ± 0.229	^{1,2,3} 0.555 ± 0.219	^{1,2,3,4} 0.645 ± 0.235	^{1,2,3,4} 0.675 ± 0.219
<i>vowel0</i>	— 0.941 ± 0.077	— 0.994 ± 0.038	— 0.994 ± 0.038	— 0.621 ± 0.127	— 0.839 ± 0.125	^{1,2,3,4,5} 0.972 ± 0.054	^{1,2,3,4,5} 0.933 ± 0.068
<i>glass-0-4-vs-5</i>	^{4,5} 0.490 ± 0.406	^{1,4,5,6,7} 0.990 ± 0.069	^{1,4,5,6,7} 0.990 ± 0.069	— 0.690 ± 0.330	⁴ 0.780 ± 0.334	^{1,4,5,7} 0.780 ± 0.334	^{4,5} 0.860 ± 0.283
<i>glass-0-1-4-6-vs-2</i>	— 0.055 ± 0.122	^{1,4,5,6,7} 0.528 ± 0.239	^{1,4,5,6,7} 0.502 ± 0.245	¹ 0.655 ± 0.280	¹ 0.767 ± 0.213	¹ 0.793 ± 0.190	^{1,4} 0.813 ± 0.193
<i>yeast4</i>	— 0.117 ± 0.088	¹ 0.487 ± 0.158	¹ 0.495 ± 0.157	^{1,2,3} 0.511 ± 0.135	^{1,2,3,4} 0.529 ± 0.143	^{1,2,3,4} 0.697 ± 0.142	^{1,2,3,4} 0.740 ± 0.138
<i>ecoli-0-4-6-vs-5</i>	— 0.810 ± 0.162	¹ 0.850 ± 0.158	¹ 0.850 ± 0.158	¹ 0.840 ± 0.156	¹ 0.845 ± 0.157	^{1,2,3,4,5} 0.840 ± 0.156	<i>all</i> 0.845 ± 0.157
<i>page-blocks-1-3-vs-4</i>	— 0.657 ± 0.217	— 0.887 ± 0.155	— 0.851 ± 0.166	— 0.530 ± 0.233	— 0.631 ± 0.200	— 0.927 ± 0.113	— 0.885 ± 0.149
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁴ 0.797 ± 0.084	^{1,3,4,5} 0.832 ± 0.083	^{1,4,5} 0.833 ± 0.082	— 0.809 ± 0.080	⁴ 0.823 ± 0.075	^{1,3,4,5} 0.876 ± 0.074	^{1,4,5} 0.892 ± 0.076
<i>ecoli-0-1-vs-2-3-5</i>	— 0.670 ± 0.187	^{1,4} 0.787 ± 0.186	^{1,4} 0.791 ± 0.184	¹ 0.711 ± 0.175	^{1,4} 0.728 ± 0.180	^{1,2,3,4,5} 0.736 ± 0.178	<i>all</i> 0.753 ± 0.192
<i>ecoli-0-6-7-vs-3-5</i>	— 0.593 ± 0.237	^{1,4,5,6} 0.746 ± 0.199	^{1,4,5,6,7} 0.767 ± 0.208	¹ 0.672 ± 0.201	¹ 0.673 ± 0.205	¹ 0.737 ± 0.173	^{1,4} 0.755 ± 0.168
<i>ecoli-0-3-4-7-vs-5-6</i>	— 0.744 ± 0.196	^{1,4,5} 0.824 ± 0.163	^{1,4,5} 0.824 ± 0.168	¹ 0.776 ± 0.153	¹ 0.772 ± 0.154	^{1,4,5} 0.844 ± 0.156	^{1,4,5} 0.848 ± 0.141
<i>ecoli-0-2-6-7-vs-3-5</i>	— 0.597 ± 0.251	^{1,4,5} 0.749 ± 0.186	^{1,4,5} 0.774 ± 0.166	— 0.685 ± 0.203	— 0.691 ± 0.199	^{1,4,5} 0.732 ± 0.162	^{1,4,5} 0.755 ± 0.161
<i>shuttle-c0-vs-c4</i>	— 0.992 ± 0.016	^{1,4,5} 0.992 ± 0.016	^{1,4,5} 0.992 ± 0.016	¹ 0.991 ± 0.016	¹ 0.991 ± 0.016	^{1,4} 0.991 ± 0.016	^{1,4,5} 0.991 ± 0.016
<i>ecoli-0-3-4-vs-5</i>	— 0.810 ± 0.209	— 0.850 ± 0.200	— 0.850 ± 0.200	— 0.850 ± 0.200	— 0.850 ± 0.200	— 0.850 ± 0.200	— 0.850 ± 0.200

Table 7: Results for Recall metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.366	4.549	4.841	2.671	3.610	4.988	5.976
	—	^{1,4,5}	^{1,4,5}	1	^{1,4}	^{1,4,5}	<i>all</i>

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>glass4</i>	0.750 ± 0.158	0.909 ± 0.143	0.907 ± 0.143	0.783 ± 0.142	0.809 ± 0.154	0.813 ± 0.122	0.859 ± 0.129
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.890 ± 0.083	^{1,4,5,6,7} 0.912 ± 0.080	^{1,4,5,6,7} 0.912 ± 0.079	[−] 0.909 ± 0.081	[−] 0.907 ± 0.080	[−] 0.910 ± 0.082	^{1,4,6} 0.904 ± 0.079
<i>glass-0-1-6-vs-2</i>	[−] 0.522 ± 0.062	⁷ 0.672 ± 0.127	⁷ 0.670 ± 0.122	⁷ 0.735 ± 0.121	⁷ 0.749 ± 0.093	⁷ 0.721 ± 0.098	[−] 0.716 ± 0.099
<i>ecoli-0-1-vs-5</i>	[−] 0.891 ± 0.089	¹ 0.920 ± 0.074	¹ 0.919 ± 0.074	^{1,2,3} 0.904 ± 0.076	^{1,2,3,6,7} 0.910 ± 0.075	^{1,2,3} 0.920 ± 0.075	^{1,3} 0.915 ± 0.074
<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	[−] 0.640 ± 0.103	⁵ 0.639 ± 0.097
<i>ecoli4</i>	[−] 0.894 ± 0.100	¹ 0.919 ± 0.098	^{1,2} 0.918 ± 0.097	¹ 0.922 ± 0.090	¹ 0.935 ± 0.084	^{1,2,3,4,5} 0.930 ± 0.076	^{1,2,3,4,5} 0.932 ± 0.073
<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	^{2,3} 0.609 ± 0.081	^{2,3,6,7} 0.661 ± 0.090	[−] 0.884 ± 0.067	^{1,6} 0.878 ± 0.056
<i>glass5</i>	⁴ 0.648 ± 0.165	^{1,4,5,7} 0.814 ± 0.203	^{1,4,5} 0.834 ± 0.194	[−] 0.810 ± 0.179	^{1,4} 0.847 ± 0.174	^{1,4,5} 0.804 ± 0.178	^{1,4,5} 0.876 ± 0.156
<i>ecoli-0-3-4-6-vs-5</i>	[−] 0.895 ± 0.094	^{1,6} 0.915 ± 0.087	^{1,4,6} 0.915 ± 0.086	^{1,6} 0.892 ± 0.087	^{1,3} 0.901 ± 0.091	¹ 0.905 ± 0.092	¹ 0.898 ± 0.090
<i>yeast-0-5-6-7-9-vs-4</i>	⁴ 0.649 ± 0.074	^{4,5,6,7} 0.800 ± 0.055	^{4,5,6,7} 0.798 ± 0.055	[−] 0.778 ± 0.060	^{1,7} 0.793 ± 0.048	⁷ 0.789 ± 0.054	[−] 0.799 ± 0.046
<i>yeast6</i>	[−] 0.757 ± 0.091	^{1,4,6} 0.823 ± 0.090	^{1,4} 0.829 ± 0.086	¹ 0.835 ± 0.084	¹ 0.843 ± 0.087	¹ 0.880 ± 0.056	¹ 0.878 ± 0.056
<i>ecoli-0-6-7-vs-5</i>	[−] 0.840 ± 0.108	¹ 0.868 ± 0.101	¹ 0.865 ± 0.102	^{1,2} 0.867 ± 0.103	^{1,2} 0.872 ± 0.104	^{all} 0.868 ± 0.098	^{1,2,3,4,5} 0.867 ± 0.099
<i>glass-0-1-6-vs-5</i>	[−] 0.668 ± 0.151	⁴ 0.889 ± 0.138	[−] 0.884 ± 0.157	³ 0.837 ± 0.159	^{2,3,6,7} 0.822 ± 0.165	⁷ 0.842 ± 0.152	[−] 0.845 ± 0.161
<i>ecoli-0-1-3-7-vs-2-6</i>	[−] 0.850 ± 0.200	^{1,4,5,6,7} 0.839 ± 0.197	^{1,4,5,6,7} 0.843 ± 0.200	^{1,5} 0.844 ± 0.206	¹ 0.840 ± 0.208	^{1,5} 0.703 ± 0.201	^{1,4,6} 0.824 ± 0.196
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{all} 0.756 ± 0.042	^{6,7} 0.791 ± 0.045	^{2,6,7} 0.789 ± 0.047	^{2,6,7} 0.766 ± 0.051	^{6,7} 0.778 ± 0.052	[−] 0.772 ± 0.049	⁶ 0.773 ± 0.040
<i>ecoli-0-1-4-7-vs-5-6</i>	[−] 0.865 ± 0.098	^{1,3,4,6,7} 0.897 ± 0.074	^{1,4,6,7} 0.902 ± 0.067	¹ 0.888 ± 0.077	^{1,4} 0.885 ± 0.080	¹ 0.899 ± 0.064	¹ 0.898 ± 0.060
<i>yeast5</i>	[−] 0.821 ± 0.064	[−] 0.937 ± 0.045	⁷ 0.933 ± 0.048	[−] 0.922 ± 0.062	[−] 0.936 ± 0.052	[−] 0.963 ± 0.032	^{1,2} 0.972 ± 0.020
<i>shuttle-c2-vs-c4</i>	[−] 0.585 ± 0.177	^{1,3} 0.995 ± 0.034	¹ 0.995 ± 0.034	¹ 0.855 ± 0.218	¹ 0.895 ± 0.194	^{1,2,3,4,5} 0.780 ± 0.232	^{1,2,3,4,5} 0.895 ± 0.194
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.833 ± 0.100	^{1,4,5,6,7} 0.850 ± 0.084	^{1,4,5,6,7} 0.854 ± 0.079	¹ 0.861 ± 0.082	^{1,6} 0.858 ± 0.087	¹ 0.839 ± 0.084	^{1,6} 0.837 ± 0.078
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.641 ± 0.058	^{6,7} 0.707 ± 0.062	^{6,7} 0.709 ± 0.060	^{2,3,6,7} 0.649 ± 0.061	^{2,3,6,7} 0.649 ± 0.063	[−] 0.706 ± 0.069	[−] 0.714 ± 0.058
<i>yeast-1-vs-7</i>	[−] 0.529 ± 0.043	^{1,4,5} 0.641 ± 0.104	^{1,4,5} 0.638 ± 0.103	[−] 0.639 ± 0.084	[−] 0.631 ± 0.098	^{1,4,5} 0.669 ± 0.110	^{1,4,5} 0.683 ± 0.104
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.508 ± 0.024	^{1,3} 0.631 ± 0.082	¹ 0.633 ± 0.082	¹ 0.617 ± 0.090	¹ 0.636 ± 0.091	^{1,5} 0.658 ± 0.102	^{1,2,3,4,5} 0.690 ± 0.088
<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	^{1,2,3,4,5} 0.908 ± 0.079
<i>glass-0-1-5-vs-2</i>	[−] 0.533 ± 0.066	^{6,7} 0.673 ± 0.141	^{6,7} 0.670 ± 0.131	[−] 0.727 ± 0.135	⁶ 0.728 ± 0.105	⁴ 0.681 ± 0.117	^{4,5} 0.688 ± 0.107
<i>yeast-2-vs-4</i>	[−] 0.820 ± 0.066	¹ 0.871 ± 0.061	¹ 0.877 ± 0.059	^{1,2,3,6,7} 0.834 ± 0.062	^{1,2,3,6,7} 0.845 ± 0.067	¹ 0.875 ± 0.058	¹ 0.886 ± 0.055
<i>glass-0-6-vs-5</i>	[−] 0.714 ± 0.194	^{1,4,5} 0.920 ± 0.139	^{1,4,5} 0.935 ± 0.111	[−] 0.791 ± 0.195	¹ 0.818 ± 0.173	^{1,4,5} 0.802 ± 0.182	^{1,4,5} 0.842 ± 0.176
<i>glass2</i>	[−] 0.547 ± 0.083	^{1,4,5,6,7} 0.708 ± 0.109	^{1,4,5,6,7} 0.695 ± 0.114	¹ 0.759 ± 0.118	¹ 0.757 ± 0.113	¹ 0.722 ± 0.109	¹ 0.733 ± 0.095
<i>yeast-2-vs-8</i>	[−] 0.774 ± 0.114	¹ 0.768 ± 0.113	¹ 0.773 ± 0.111	^{all} 0.773 ± 0.116	^{1,2,3,6,7} 0.776 ± 0.111	¹ 0.785 ± 0.115	^{1,2,3} 0.788 ± 0.104
<i>vowel0</i>	^{2,3} 0.970 ± 0.038	[−] 0.996 ± 0.019	² 0.997 ± 0.019	^{2,3} 0.805 ± 0.063	^{2,3} 0.913 ± 0.062	[−] 0.974 ± 0.029	⁶ 0.957 ± 0.034
<i>glass-0-4-vs-5</i>	^{4,5,7} 0.744 ± 0.204	^{1,4,5,6,7} 0.982 ± 0.045	^{1,4,5,6,7} 0.983 ± 0.044	[−] 0.819 ± 0.160	⁴ 0.864 ± 0.166	^{4,5,7} 0.859 ± 0.163	^{4,5} 0.900 ± 0.142
<i>glass-0-1-4-6-vs-2</i>	[−] 0.518 ± 0.062	^{1,4,5,6,7} 0.702 ± 0.113	^{1,4,5,6,7} 0.688 ± 0.121	[−] 0.720 ± 0.138	¹ 0.745 ± 0.108	¹ 0.724 ± 0.104	^{1,4} 0.728 ± 0.105
<i>yeast4</i>	[−] 0.555 ± 0.043	¹ 0.725 ± 0.078	¹ 0.727 ± 0.077	¹ 0.736 ± 0.067	^{1,2,3,6,7} 0.744 ± 0.070	^{1,3} 0.799 ± 0.068	^{1,3} 0.815 ± 0.065
<i>ecoli-0-4-6-vs-5</i>	[−] 0.901 ± 0.084	¹ 0.916 ± 0.082	¹ 0.916 ± 0.081	¹ 0.905 ± 0.082	¹ 0.906 ± 0.083	^{1,2,3,4,5} 0.904 ± 0.082	^{1,2,3,4,5} 0.901 ± 0.083
<i>page-blocks-1-3-vs-4</i>	⁷ 0.818 ± 0.106	^{4,5,6,7} 0.922 ± 0.078	^{4,5,6,7} 0.905 ± 0.083	^{1,7} 0.752 ± 0.115	^{1,7} 0.802 ± 0.100	^{1,7} 0.929 ± 0.057	[−] 0.911 ± 0.073
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁴ 0.892 ± 0.042	^{1,4,5,7} 0.894 ± 0.040	^{1,4,5} 0.892 ± 0.040	[−] 0.896 ± 0.040	⁴ 0.902 ± 0.038	^{1,4,5} 0.897 ± 0.035	^{1,4,5} 0.888 ± 0.032
<i>ecoli-0-1-vs-2-3-5</i>	[−] 0.833 ± 0.093	³ 0.876 ± 0.090	[−] 0.877 ± 0.091	[−] 0.853 ± 0.088	^{1,2,3,7} 0.862 ± 0.090	⁷ 0.860 ± 0.091	[−] 0.847 ± 0.096
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.792 ± 0.119	^{1,7} 0.854 ± 0.102	^{1,7} 0.863 ± 0.105	⁷ 0.827 ± 0.104	^{1,6,7} 0.827 ± 0.106	^{4,7} 0.838 ± 0.089	[−] 0.836 ± 0.089
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.869 ± 0.097	^{1,7} 0.895 ± 0.080	^{1,4,5,6,7} 0.892 ± 0.080	[−] 0.880 ± 0.077	[−] 0.876 ± 0.080	¹ 0.892 ± 0.082	¹ 0.883 ± 0.073
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.797 ± 0.125	^{3,7} 0.857 ± 0.090	⁷ 0.867 ± 0.080	[−] 0.834 ± 0.105	[−] 0.836 ± 0.103	⁷ 0.836 ± 0.082	[−] 0.830 ± 0.081
<i>shuttle-c0-vs-c4</i>	[−] 0.996 ± 0.008	^{1,6,7} 0.996 ± 0.008	^{1,4,5,6,7} 0.996 ± 0.008	[−] 0.996 ± 0.008	[−] 0.996 ± 0.008	^{1,7} 0.996 ± 0.008	¹ 0.996 ± 0.008
<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	[−] 0.913 ± 0.103	[−] 0.907 ± 0.101
	[−]	⁷	⁷	⁷	⁷	⁷	¹

Table 9: Results for AUC metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.561	5.000	4.805	3.268	4.293	4.537	4.537
	−	1,4	1,4	1	1,4	1,4	1,4

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>glass4</i>	0.641 ± 0.310	0.875 ± 0.244	0.873 ± 0.243	0.730 ± 0.231	0.754 ± 0.260	0.790 ± 0.144	0.837 ± 0.177
<i>ecoli-0-2-3-4-vs-5</i>	^{1,4,5,6,7} 0.878 ± 0.100	^{1,4,5,6,7} 0.906 ± 0.089	^{1,4,5,6,7} 0.905 ± 0.088	^{1,4,5,6,7} 0.902 ± 0.089	^{1,4,5,6,7} 0.901 ± 0.089	^{1,4,5,6,7} 0.904 ± 0.090	^{1,4,5,6,7} 0.898 ± 0.088
<i>glass-0-1-6-vs-2</i>	⁷ 0.118 ± 0.222	⁷ 0.603 ± 0.222	⁷ 0.602 ± 0.219	⁷ 0.720 ± 0.135	⁷ 0.737 ± 0.097	⁷ 0.705 ± 0.096	⁷ 0.699 ± 0.096
<i>ecoli-0-1-vs-5</i>	^{1,2,3} 0.879 ± 0.104	^{1,2,3,6,7} 0.913 ± 0.082	^{1,2,3} 0.913 ± 0.082	^{1,2,3} 0.894 ± 0.087	^{1,2,3,6,7} 0.902 ± 0.085	^{1,2,3} 0.913 ± 0.083	^{1,2,3} 0.908 ± 0.082
<i>yeast-1-4-5-8-vs-7</i>	⁵ 0.008 ± 0.056	⁵ 0.358 ± 0.234	⁵ 0.382 ± 0.231	⁵ 0.464 ± 0.210	⁵ 0.506 ± 0.190	⁵ 0.609 ± 0.165	⁵ 0.621 ± 0.132
<i>ecoli4</i>	^{1,2,3,4,5} 0.879 ± 0.124	^{1,2,3,4,5} 0.909 ± 0.117	^{1,2,3,4,5} 0.907 ± 0.116	^{1,2,3,4,5} 0.913 ± 0.103	^{1,2,3,4,5} 0.928 ± 0.095	^{1,2,3,4,5} 0.924 ± 0.086	^{1,2,3,4,5} 0.927 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,6} 0.494 ± 0.179	^{1,6} 0.894 ± 0.075	^{1,6} 0.839 ± 0.161	^{1,6} 0.434 ± 0.212	^{1,6} 0.563 ± 0.165	^{1,6} 0.879 ± 0.074	^{1,6} 0.874 ± 0.061
<i>glass5</i>	^{1,4,5,7} 0.394 ± 0.387	^{1,4,5,7} 0.698 ± 0.388	^{1,4,5,7} 0.738 ± 0.365	^{1,4,5,7} 0.730 ± 0.323	^{1,4,5,7} 0.782 ± 0.311	^{1,4,5,7} 0.725 ± 0.320	^{1,4,5,7} 0.831 ± 0.268
<i>ecoli-0-3-4-6-vs-5</i>	^{1,3} 0.883 ± 0.108	^{1,3} 0.907 ± 0.098	^{1,3} 0.907 ± 0.098	^{1,3} 0.884 ± 0.097	^{1,3} 0.894 ± 0.100	^{1,3} 0.898 ± 0.101	^{1,3} 0.892 ± 0.099
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,5,6,7} 0.532 ± 0.164	^{4,5,6,7} 0.788 ± 0.066	^{4,5,6,7} 0.786 ± 0.066	^{4,5,6,7} 0.757 ± 0.078	^{4,5,6,7} 0.780 ± 0.057	^{4,5,6,7} 0.786 ± 0.054	^{4,5,6,7} 0.795 ± 0.044
<i>yeast6</i>	^{1,4} 0.707 ± 0.136	^{1,4} 0.800 ± 0.119	^{1,4} 0.810 ± 0.108	^{1,4} 0.815 ± 0.110	^{1,4} 0.825 ± 0.113	^{1,4} 0.876 ± 0.062	^{1,4} 0.875 ± 0.061
<i>ecoli-0-6-7-vs-5</i>	^{1,2} 0.814 ± 0.139	^{1,2} 0.853 ± 0.120	^{1,2} 0.851 ± 0.121	^{1,2} 0.852 ± 0.122	^{1,2} 0.858 ± 0.123	^{all} 0.857 ± 0.109	^{1,2,3,4,5} 0.858 ± 0.111
<i>glass-0-1-6-vs-5</i>	³ 0.459 ± 0.368	³ 0.859 ± 0.217	³ 0.837 ± 0.274	³ 0.784 ± 0.268	^{2,3,6,7} 0.760 ± 0.286	³ 0.798 ± 0.244	⁶ 0.795 ± 0.269
<i>ecoli-0-1-3-7-vs-2-6</i>	^{1,4,5,7} 0.741 ± 0.387	^{1,4,5,7} 0.733 ± 0.382	^{1,4,5,7} 0.737 ± 0.385	^{1,5} 0.739 ± 0.387	¹ 0.737 ± 0.385	^{1,5,7} 0.521 ± 0.405	^{1,4} 0.720 ± 0.374
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{2,3,5,6,7} 0.719 ± 0.058	^{6,7} 0.778 ± 0.055	^{2,6,7} 0.777 ± 0.056	^{2,6,7} 0.733 ± 0.069	^{2,6,7} 0.751 ± 0.070	⁶ 0.768 ± 0.050	⁶ 0.770 ± 0.040
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,3,4,5,6} 0.844 ± 0.132	^{1,3,4,5,6} 0.890 ± 0.083	^{1,4,5} 0.895 ± 0.074	¹ 0.878 ± 0.086	^{1,4} 0.874 ± 0.092	^{1,4} 0.894 ± 0.069	^{1,4} 0.894 ± 0.063
<i>yeast5</i>	⁷ 0.798 ± 0.083	⁷ 0.935 ± 0.048	⁷ 0.931 ± 0.053	⁷ 0.917 ± 0.069	⁷ 0.933 ± 0.056	⁷ 0.962 ± 0.033	^{1,2} 0.971 ± 0.020
<i>shuttle-c2-vs-c4</i>	^{1,3} 0.182 ± 0.369	^{1,3} 0.994 ± 0.041	¹ 0.994 ± 0.041	¹ 0.722 ± 0.433	¹ 0.802 ± 0.382	^{1,2,3,4,5} 0.585 ± 0.466	^{1,2,3,4,5} 0.802 ± 0.382
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,4,5,6,7} 0.805 ± 0.133	^{1,4,5,6,7} 0.836 ± 0.104	^{1,4,5,6,7} 0.842 ± 0.094	¹ 0.844 ± 0.101	^{1,6} 0.840 ± 0.111	¹ 0.829 ± 0.096	^{1,6} 0.828 ± 0.088
<i>yeast-0-3-5-9-vs-7-8</i>	⁶ 0.533 ± 0.123	⁶ 0.680 ± 0.083	^{5,6,7} 0.686 ± 0.079	^{2,3,6,7} 0.548 ± 0.129	^{2,6} 0.557 ± 0.126	⁷ 0.696 ± 0.080	⁷ 0.710 ± 0.061
<i>yeast-1-vs-7</i>	^{1,4,5} 0.142 ± 0.199	^{1,4,5} 0.538 ± 0.209	^{1,4,5} 0.538 ± 0.206	^{1,4,5} 0.583 ± 0.123	^{1,4,5} 0.557 ± 0.176	^{1,4,5} 0.653 ± 0.126	^{1,2,3,4,5} 0.673 ± 0.110
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,3,4,5} 0.041 ± 0.122	^{1,2,3,4,5} 0.504 ± 0.191	^{1,2} 0.517 ± 0.179	¹ 0.488 ± 0.215	¹ 0.531 ± 0.224	^{1,2,3,4,5} 0.613 ± 0.171	^{1,2,3,4,5} 0.669 ± 0.110
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.873 ± 0.105	¹ 0.910 ± 0.082	^{1,2} 0.912 ± 0.083	¹ 0.890 ± 0.090	¹ 0.898 ± 0.089	^{1,2,3,4} 0.894 ± 0.088	^{1,2,3,4,5} 0.901 ± 0.089
<i>glass-0-1-5-vs-2</i>	^{6,7} 0.161 ± 0.246	^{6,7} 0.591 ± 0.258	^{6,7} 0.601 ± 0.226	^{1,2,3,6,7} 0.705 ± 0.172	⁶ 0.710 ± 0.139	⁴ 0.656 ± 0.138	^{4,5} 0.662 ± 0.130
<i>yeast-2-vs-4</i>	¹ 0.797 ± 0.083	¹ 0.863 ± 0.070	¹ 0.869 ± 0.068	^{1,2,3,6,7} 0.817 ± 0.074	^{1,2,3,6,7} 0.830 ± 0.079	¹ 0.870 ± 0.065	^{1,3} 0.882 ± 0.059
<i>glass-0-6-vs-5</i>	^{1,4,5} 0.521 ± 0.407	^{1,4,5} 0.885 ± 0.244	^{1,4,5} 0.918 ± 0.168	¹ 0.669 ± 0.377	¹ 0.743 ± 0.306	^{1,4,5} 0.696 ± 0.351	^{1,2,4,5} 0.771 ± 0.313
<i>glass2</i>	^{1,4,5,6,7} 0.201 ± 0.271	^{1,4,5,6,7} 0.660 ± 0.182	^{1,4,5,6,7} 0.636 ± 0.204	¹ 0.742 ± 0.158	¹ 0.741 ± 0.149	¹ 0.705 ± 0.139	¹ 0.723 ± 0.093
<i>yeast-2-vs-8</i>	^{1,3} 0.718 ± 0.181	^{1,3} 0.716 ± 0.180	¹ 0.729 ± 0.154	^{all} 0.718 ± 0.181	^{1,2,3,6,7} 0.728 ± 0.154	^{1,2,3} 0.752 ± 0.174	^{1,2,3} 0.767 ± 0.131
<i>vowel0</i>	² 0.969 ± 0.041	² 0.996 ± 0.020	^{1,2,4,5} 0.996 ± 0.020	² 0.779 ± 0.082	² 0.907 ± 0.071	² 0.974 ± 0.030	^{1,4,5,6} 0.956 ± 0.036
<i>glass-0-4-vs-5</i>	^{4,5,7} 0.560 ± 0.419	^{1,4,5,6,7} 0.981 ± 0.049	^{1,4,5,6,7} 0.982 ± 0.048	⁴ 0.754 ± 0.284	⁴ 0.806 ± 0.293	^{4,5,7} 0.801 ± 0.292	^{4,5} 0.865 ± 0.242
<i>glass-0-1-4-6-vs-2</i>	^{1,4,5,6,7} 0.098 ± 0.210	^{1,4,5,6,7} 0.645 ± 0.205	^{1,4,5,6,7} 0.622 ± 0.222	¹ 0.682 ± 0.212	¹ 0.729 ± 0.144	¹ 0.713 ± 0.103	^{1,4} 0.715 ± 0.104
<i>yeast4</i>	^{1,3} 0.288 ± 0.183	^{1,3} 0.675 ± 0.116	¹ 0.680 ± 0.112	^{1,3} 0.694 ± 0.094	^{1,2,3,6,7} 0.705 ± 0.095	^{1,3} 0.787 ± 0.081	^{1,3} 0.807 ± 0.076
<i>ecoli-0-4-6-vs-5</i>	^{1,2} 0.892 ± 0.095	^{1,2} 0.910 ± 0.091	^{1,2} 0.909 ± 0.090	¹ 0.899 ± 0.090	^{1,2} 0.900 ± 0.091	^{1,2,3,4,5} 0.898 ± 0.090	^{1,2,3,4,5} 0.895 ± 0.090
<i>page-blocks-1-3-vs-4</i>	^{4,5,6,7} 0.789 ± 0.138	^{4,5,6,7} 0.917 ± 0.087	^{4,5,6,7} 0.899 ± 0.094	^{1,7} 0.683 ± 0.221	^{1,7} 0.773 ± 0.130	^{1,7} 0.927 ± 0.060	¹ 0.906 ± 0.082
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁴ 0.885 ± 0.047	^{1,4,5,7} 0.891 ± 0.044	^{1,4,5} 0.889 ± 0.043	⁴ 0.891 ± 0.045	⁴ 0.898 ± 0.042	^{1,4,5} 0.896 ± 0.037	^{1,4,5} 0.886 ± 0.033
<i>ecoli-0-1-vs-2-3-5</i>	³ 0.807 ± 0.125	³ 0.864 ± 0.108	³ 0.866 ± 0.109	³ 0.835 ± 0.108	^{1,3,7} 0.844 ± 0.110	⁷ 0.844 ± 0.109	⁷ 0.834 ± 0.112
<i>ecoli-0-6-7-vs-3-5</i>	^{1,7} 0.750 ± 0.159	^{1,7} 0.839 ± 0.121	^{1,7} 0.848 ± 0.127	⁷ 0.803 ± 0.129	^{1,6,7} 0.803 ± 0.131	^{4,7} 0.825 ± 0.107	⁷ 0.825 ± 0.104
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.852 ± 0.116	¹ 0.887 ± 0.090	^{1,4,5,7} 0.884 ± 0.090	¹ 0.869 ± 0.088	¹ 0.865 ± 0.090	¹ 0.887 ± 0.090	¹ 0.878 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	^{3,7} 0.747 ± 0.192	^{3,7} 0.842 ± 0.108	⁷ 0.856 ± 0.092	⁷ 0.811 ± 0.129	⁷ 0.814 ± 0.127	⁷ 0.823 ± 0.096	⁷ 0.821 ± 0.094
<i>shuttle-c0-vs-c4</i>	^{1,6,7} 0.996 ± 0.008	^{1,6,7} 0.996 ± 0.008	^{1,4,6,7} 0.996 ± 0.008	¹ 0.995 ± 0.008	¹ 0.995 ± 0.008	^{1,7} 0.995 ± 0.008	¹ 0.995 ± 0.008
<i>ecoli-0-3-4-vs-5</i>	⁷ 0.888 ± 0.132	⁷ 0.905 ± 0.122	⁷ 0.904 ± 0.121	⁷ 0.904 ± 0.123	⁷ 0.903 ± 0.123	⁷ 0.903 ± 0.124	¹ 0.897 ± 0.121

Table 11: Results for GMEAN metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.451	4.744	4.841	3.268	4.171	4.744	4.780
	—	1,4	1,4	1	1,4	1,4	1,4

Table 12: Results for mean ranks according to GMEAN metric