

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	0.686 ± 0.128	0.679 ± 0.126	0.763 ± 0.092	0.745 ± 0.090	0.698 ± 0.094	0.695 ± 0.096
<i>ecoli-0-3-4-7-vs-5-6</i>	[—] 0.869 ± 0.097	¹ 0.900 ± 0.071	¹ 0.898 ± 0.071	^{all} 0.879 ± 0.074	^{1,2,3,6,7} 0.878 ± 0.078	¹ 0.895 ± 0.080	¹ 0.888 ± 0.075
<i>shuttle-c2-vs-c4</i>	[—] 0.585 ± 0.177	^{3,6,7} 0.995 ± 0.034	⁷ 0.995 ± 0.034	[—] 0.855 ± 0.218	[—] 0.875 ± 0.207	^{1,7} 0.775 ± 0.235	[—] 0.885 ± 0.201
<i>glass-0-1-4-6-vs-2</i>	[—] 0.518 ± 0.062	^{1,4,5,6,7} 0.707 ± 0.110	^{1,4,5,6,7} 0.699 ± 0.122	^{1,6} 0.750 ± 0.113	^{1,6} 0.740 ± 0.106	¹ 0.708 ± 0.106	^{1,6} 0.709 ± 0.104
<i>yeast-1-2-8-9-vs-7</i>	[—] 0.508 ± 0.024	¹ 0.640 ± 0.086	¹ 0.650 ± 0.087	^{1,5,6,7} 0.649 ± 0.091	^{1,3,6,7} 0.643 ± 0.095	¹ 0.682 ± 0.092	¹ 0.695 ± 0.093
<i>ecoli-0-1-4-6-vs-5</i>	[—] 0.886 ± 0.091	¹ 0.920 ± 0.075	¹ 0.918 ± 0.074	¹ 0.901 ± 0.080	¹ 0.903 ± 0.077	^{1,2,3,4,5} 0.902 ± 0.079	¹ 0.905 ± 0.079
<i>glass-0-1-6-vs-5</i>	[—] 0.668 ± 0.151	^{3,4,5,6,7} 0.884 ± 0.147	^{6,7} 0.879 ± 0.150	[—] 0.845 ± 0.160	⁶ 0.833 ± 0.159	⁴ 0.855 ± 0.153	^{4,5} 0.860 ± 0.154
<i>yeast-2-vs-4</i>	[—] 0.820 ± 0.066	^{1,4,5,7} 0.877 ± 0.063	^{1,5,7} 0.879 ± 0.061	¹ 0.839 ± 0.063	¹ 0.846 ± 0.065	^{1,5} 0.888 ± 0.060	^{1,6} 0.886 ± 0.054
<i>glass-0-6-vs-5</i>	[—] 0.714 ± 0.194	^{1,4,5} 0.920 ± 0.139	^{1,4,5} 0.930 ± 0.113	[—] 0.810 ± 0.175	¹ 0.817 ± 0.180	^{1,4,5,7} 0.816 ± 0.174	^{1,4,5} 0.861 ± 0.163
<i>ecoli-0-3-4-6-vs-5</i>	[—] 0.895 ± 0.094	^{1,4,5,6,7} 0.917 ± 0.087	^{1,4,5,6,7} 0.914 ± 0.087	¹ 0.896 ± 0.088	¹ 0.900 ± 0.090	¹ 0.902 ± 0.091	¹ 0.897 ± 0.090
<i>yeast-0-3-5-9-vs-7-8</i>	[—] 0.641 ± 0.058	^{3,4,5,6,7} 0.707 ± 0.060	^{4,5,6,7} 0.706 ± 0.059	¹ 0.652 ± 0.067	^{1,7} 0.650 ± 0.061	⁷ 0.713 ± 0.069	⁴ 0.717 ± 0.060
<i>glass-0-1-5-vs-2</i>	[—] 0.533 ± 0.066	^{1,3,4,5} 0.682 ± 0.145	^{1,4,5} 0.681 ± 0.142	[—] 0.728 ± 0.131	[—] 0.727 ± 0.108	^{1,4,5} 0.672 ± 0.110	^{1,4,5} 0.674 ± 0.107
<i>ecoli-0-6-7-vs-5</i>	[—] 0.840 ± 0.108	¹ 0.872 ± 0.098	¹ 0.874 ± 0.096	^{1,3,5,6,7} 0.869 ± 0.102	^{1,3,6,7} 0.865 ± 0.100	¹ 0.869 ± 0.099	¹ 0.863 ± 0.100
<i>ecoli-0-2-3-4-vs-5</i>	[—] 0.890 ± 0.083	^{4,7} 0.913 ± 0.080	⁷ 0.910 ± 0.079	⁶ 0.907 ± 0.080	[—] 0.908 ± 0.080	⁷ 0.908 ± 0.081	[—] 0.903 ± 0.079
<i>ecoli4</i>	[—] 0.894 ± 0.100	^{3,6,7} 0.919 ± 0.097	⁷ 0.918 ± 0.097	⁷ 0.924 ± 0.091	⁷ 0.938 ± 0.081	^{4,5,7} 0.932 ± 0.076	[—] 0.932 ± 0.073
<i>yeast5</i>	[—] 0.821 ± 0.064	[—] 0.935 ± 0.049	[—] 0.934 ± 0.053	^{2,3} 0.926 ± 0.061	^{1,2,3,6,7} 0.940 ± 0.052	^{1,4} 0.974 ± 0.017	^{1,6} 0.972 ± 0.018
<i>ecoli-0-4-6-vs-5</i>	[—] 0.901 ± 0.084	^{1,3} 0.916 ± 0.082	¹ 0.916 ± 0.081	¹ 0.902 ± 0.080	¹ 0.906 ± 0.083	^{all} 0.902 ± 0.083	^{1,2,3,4,5} 0.899 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	⁷ 0.635 ± 0.077	^{4,5,6,7} 0.899 ± 0.069	^{4,5,6,7} 0.878 ± 0.086	^{1,7} 0.615 ± 0.080	^{1,7} 0.651 ± 0.087	^{1,7} 0.877 ± 0.064	[—] 0.879 ± 0.051
<i>ecoli-0-1-vs-5</i>	⁴ 0.891 ± 0.089	^{1,4,5,6,7} 0.920 ± 0.074	^{1,4,5} 0.918 ± 0.074	[—] 0.903 ± 0.081	⁴ 0.908 ± 0.075	^{1,4,5} 0.916 ± 0.075	^{1,4,5} 0.917 ± 0.074
<i>ecoli-0-2-6-7-vs-3-5</i>	[—] 0.797 ± 0.125	[—] 0.856 ± 0.087	[—] 0.872 ± 0.081	[—] 0.831 ± 0.109	[—] 0.835 ± 0.103	[—] 0.834 ± 0.086	[—] 0.826 ± 0.082
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[—] 0.833 ± 0.100	^{1,6,7} 0.848 ± 0.082	^{1,4,5,6,7} 0.850 ± 0.081	[—] 0.861 ± 0.081	[—] 0.858 ± 0.081	^{1,7} 0.830 ± 0.080	[—] 0.828 ± 0.077
<i>shuttle-c0-vs-c4</i>	[—] 0.996 ± 0.008	^{6,7} 0.996 ± 0.008	^{6,7} 0.996 ± 0.008	^{2,3,6,7} 0.995 ± 0.008	^{2,3,6,7} 0.995 ± 0.008	⁷ 0.995 ± 0.008	[—] 0.995 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	[—] 0.792 ± 0.119	[—] 0.845 ± 0.104	[—] 0.861 ± 0.102	[—] 0.826 ± 0.104	[—] 0.829 ± 0.105	[—] 0.829 ± 0.097	[—] 0.831 ± 0.088
<i>vowel0</i>	[—] 0.970 ± 0.038	⁶ 0.999 ± 0.002	^{1,6,7} 0.999 ± 0.002	[—] 0.804 ± 0.068	[—] 0.895 ± 0.062	¹ 0.976 ± 0.029	¹ 0.966 ± 0.032
<i>glass4</i>	^{4,5} 0.750 ± 0.158	^{1,4,5,6,7} 0.909 ± 0.143	^{1,4,5,6,7} 0.909 ± 0.143	[—] 0.786 ± 0.141	⁴ 0.797 ± 0.148	^{4,5} 0.827 ± 0.119	^{4,5} 0.847 ± 0.128
<i>yeast-0-5-6-7-9-vs-4</i>	[—] 0.649 ± 0.074	^{1,4,5,6,7} 0.805 ± 0.060	^{1,4,5,6,7} 0.804 ± 0.059	[—] 0.785 ± 0.054	[—] 0.789 ± 0.050	¹ 0.796 ± 0.051	^{1,4} 0.794 ± 0.047
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[—] 0.756 ± 0.042	^{1,3,4,5} 0.795 ± 0.046	^{1,4} 0.790 ± 0.045	¹ 0.765 ± 0.052	¹ 0.776 ± 0.053	¹ 0.768 ± 0.042	¹ 0.768 ± 0.040
<i>ecoli-0-1-vs-2-3-5</i>	[—] 0.833 ± 0.093	^{all} 0.879 ± 0.093	^{1,4,5,6,7} 0.877 ± 0.091	[—] 0.855 ± 0.090	^{1,4} 0.859 ± 0.087	[—] 0.852 ± 0.090	[—] 0.841 ± 0.096
<i>ecoli-0-3-4-vs-5</i>	[—] 0.903 ± 0.105	^{1,7} 0.916 ± 0.100	^{1,7} 0.913 ± 0.098	^{6,7} 0.912 ± 0.104	^{1,6,7} 0.911 ± 0.104	⁷ 0.910 ± 0.103	[—] 0.906 ± 0.101
<i>glass5</i>	[—] 0.648 ± 0.165	^{3,6,7} 0.820 ± 0.198	⁷ 0.829 ± 0.199	^{6,7} 0.815 ± 0.180	⁷ 0.837 ± 0.180	⁷ 0.829 ± 0.167	¹ 0.859 ± 0.165
<i>yeast4</i>	[—] 0.555 ± 0.043	^{1,4} 0.724 ± 0.072	^{1,4} 0.728 ± 0.076	¹ 0.747 ± 0.071	^{1,3,6} 0.749 ± 0.071	^{1,3,4} 0.812 ± 0.065	¹ 0.820 ± 0.061
<i>glass-0-4-vs-5</i>	[—] 0.744 ± 0.204	¹ 0.971 ± 0.064	¹ 0.981 ± 0.045	^{1,2} 0.838 ± 0.156	^{1,2} 0.856 ± 0.159	^{1,2,3,4,5} 0.898 ± 0.135	^{1,2,3,4,5} 0.913 ± 0.127
<i>yeast6</i>	[—] 0.757 ± 0.091	^{1,4,5,6,7} 0.811 ± 0.097	^{1,4,5,6,7} 0.813 ± 0.098	[—] 0.839 ± 0.088	¹ 0.845 ± 0.082	¹ 0.879 ± 0.056	^{1,4,5} 0.875 ± 0.055
<i>page-blocks-1-3-vs-4</i>	[—] 0.818 ± 0.106	¹ 0.929 ± 0.073	¹ 0.930 ± 0.072	^{1,2,3} 0.758 ± 0.099	^{1,2,3} 0.794 ± 0.100	^{all} 0.927 ± 0.064	^{1,2,3,4,5} 0.913 ± 0.080
<i>yeast-1-vs-7</i>	⁴ 0.529 ± 0.043	^{1,4,5,7} 0.646 ± 0.099	^{1,4,5,7} 0.661 ± 0.105	[—] 0.637 ± 0.092	⁴ 0.622 ± 0.098	^{1,4,5} 0.680 ± 0.110	^{1,4,5} 0.690 ± 0.107
<i>ecoli-0-1-3-7-vs-2-6</i>	[—] 0.850 ± 0.200	¹ 0.840 ± 0.197	^{1,5} 0.841 ± 0.197	¹ 0.842 ± 0.208	¹ 0.837 ± 0.206	^{1,2,4,5} 0.700 ± 0.201	^{1,2,4,5} 0.821 ± 0.196
<i>yeast-1-4-5-8-vs-7</i>	^{all} 0.501 ± 0.010	^{6,7} 0.580 ± 0.079	^{6,7} 0.588 ± 0.086	^{5,6,7} 0.596 ± 0.086	^{6,7} 0.594 ± 0.091	⁶ 0.653 ± 0.104	⁶ 0.651 ± 0.098
<i>ecoli-0-1-4-7-vs-5-6</i>	[—] 0.865 ± 0.098	¹ 0.907 ± 0.070	¹ 0.908 ± 0.067	¹ 0.894 ± 0.078	¹ 0.889 ± 0.083	^{all} 0.897 ± 0.061	^{1,2,3,4,5} 0.894 ± 0.059
<i>yeast-2-vs-8</i>	[—] 0.774 ± 0.114	^{6,7} 0.784 ± 0.122	^{2,6,7} 0.790 ± 0.112	[—] 0.773 ± 0.116	[—] 0.776 ± 0.111	⁷ 0.783 ± 0.111	[—] 0.787 ± 0.105
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[—] 0.892 ± 0.042	^{1,4,5} 0.896 ± 0.039	^{2,6} 0.894 ± 0.041	[—] 0.897 ± 0.039	[—] 0.901 ± 0.038	[—] 0.889 ± 0.033	⁶ 0.882 ± 0.031
<i>glass2</i>	[—] 0.547 ± 0.083	^{3,7} 0.710 ± 0.131	⁷ 0.703 ± 0.111	⁷ 0.755 ± 0.106	^{1,3,6,7} 0.757 ± 0.103	⁷ 0.721 ± 0.095	[—] 0.721 ± 0.095
	[—]	¹	¹	^{1,2,3,6,7}	^{all}	¹	¹

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	5.232	5.207	3.402	3.988	4.329	4.280
	—	1,4,5,6	1,4,5	1	1,4	1,4	1

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	0.352 ± 0.163	0.337 ± 0.158	0.350 ± 0.090	0.316 ± 0.077	0.264 ± 0.067	0.261 ± 0.064
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,6,7} 0.813 ± 0.131	^{1,6,7} 0.773 ± 0.101	^{1,6,7} 0.753 ± 0.100	^{1,5,6,7} 0.795 ± 0.115	^{1,6,7} 0.787 ± 0.121	¹ 0.694 ± 0.136	¹ 0.651 ± 0.127
<i>shuttle-c2-vs-c4</i>	^{2,3,6,7} 0.180 ± 0.366	^{3,6,7} 0.993 ± 0.046	^{6,7} 0.993 ± 0.046	^{3,6,7} 0.720 ± 0.433	^{3,6,7} 0.760 ± 0.411	⁷ 0.567 ± 0.472	^{3,6,7} 0.780 ± 0.397
<i>glass-0-1-4-6-vs-2</i>	^{1,4,5,6,7} 0.074 ± 0.165	^{1,4,5,6,7} 0.358 ± 0.140	^{1,4,5,6,7} 0.350 ± 0.160	^{1,6} 0.334 ± 0.104	^{1,6} 0.313 ± 0.097	¹ 0.271 ± 0.088	^{1,6} 0.269 ± 0.079
<i>yeast-1-2-8-9-vs-7</i>	^{1,5,6,7} 0.026 ± 0.079	^{1,5,6,7} 0.249 ± 0.132	^{1,5,6,7} 0.250 ± 0.121	^{1,5,6,7} 0.175 ± 0.078	^{1,6,7} 0.162 ± 0.088	¹ 0.150 ± 0.050	¹ 0.153 ± 0.050
<i>ecoli-0-1-4-6-vs-5</i>	^{1,4,5,6,7} 0.845 ± 0.127	^{1,4,5,6,7} 0.855 ± 0.112	^{1,4,5,6,7} 0.832 ± 0.103	^{1,5,6,7} 0.823 ± 0.111	¹ 0.814 ± 0.108	¹ 0.771 ± 0.125	¹ 0.758 ± 0.114
<i>glass-0-1-6-vs-5</i>	^{5,6,7} 0.332 ± 0.282	^{3,5,6,7} 0.611 ± 0.253	^{6,7} 0.612 ± 0.264	^{6,7} 0.547 ± 0.250	^{6,7} 0.521 ± 0.244	¹ 0.564 ± 0.243	¹ 0.544 ± 0.241
<i>yeast-2-vs-4</i>	^{1,5,7} 0.752 ± 0.104	^{1,5,7} 0.766 ± 0.090	^{1,5,7} 0.762 ± 0.092	¹ 0.760 ± 0.096	¹ 0.764 ± 0.097	^{1,5,7} 0.666 ± 0.078	¹ 0.644 ± 0.080
<i>glass-0-6-vs-5</i>	^{6,7} 0.490 ± 0.393	^{6,7} 0.785 ± 0.266	^{6,7} 0.801 ± 0.219	^{6,7} 0.661 ± 0.314	^{6,7} 0.657 ± 0.329	⁷ 0.660 ± 0.321	⁷ 0.721 ± 0.285
<i>ecoli-0-3-4-6-vs-5</i>	^{1,4,5,6} 0.853 ± 0.140	^{1,4,5,6} 0.852 ± 0.131	^{1,4,5,6,7} 0.830 ± 0.130	¹ 0.778 ± 0.148	¹ 0.779 ± 0.153	¹ 0.764 ± 0.151	¹ 0.737 ± 0.147
<i>yeast-0-3-5-9-vs-7-8</i>	^{4,5,6,7} 0.397 ± 0.126	^{3,4,5,6,7} 0.403 ± 0.080	^{4,5,6,7} 0.393 ± 0.077	⁷ 0.401 ± 0.130	⁷ 0.396 ± 0.127	⁷ 0.338 ± 0.066	⁷ 0.331 ± 0.054
<i>glass-0-1-5-vs-2</i>	^{6,7} 0.113 ± 0.179	^{3,6,7} 0.346 ± 0.179	^{6,7} 0.336 ± 0.169	^{6,7} 0.335 ± 0.115	^{6,7} 0.321 ± 0.098	¹ 0.264 ± 0.075	¹ 0.265 ± 0.075
<i>ecoli-0-6-7-vs-5</i>	^{1,6,7} 0.774 ± 0.170	^{1,6,7} 0.727 ± 0.153	^{1,6,7} 0.719 ± 0.148	^{1,5,6,7} 0.782 ± 0.169	^{1,6,7} 0.769 ± 0.166	¹ 0.674 ± 0.164	¹ 0.620 ± 0.158
<i>ecoli-0-2-3-4-vs-5</i>	^{2,3,6,7} 0.852 ± 0.121	^{6,7} 0.825 ± 0.129	^{6,7} 0.806 ± 0.128	^{2,3,6,7} 0.826 ± 0.134	^{2,3,6,7} 0.819 ± 0.134	⁷ 0.796 ± 0.137	⁷ 0.764 ± 0.131
<i>ecoli4</i>	^{3,5,6,7} 0.853 ± 0.143	^{3,6,7} 0.802 ± 0.141	⁷ 0.794 ± 0.140	^{6,7} 0.867 ± 0.136	^{6,7} 0.870 ± 0.133	⁷ 0.740 ± 0.133	⁷ 0.706 ± 0.124
<i>yeast5</i>	^{2,3,6,7} 0.706 ± 0.114	^{6,7} 0.706 ± 0.078	^{6,7} 0.694 ± 0.081	^{2,3,6,7} 0.707 ± 0.091	^{2,3,6,7} 0.698 ± 0.080	⁷ 0.606 ± 0.064	⁷ 0.593 ± 0.059
<i>ecoli-0-4-6-vs-5</i>	^{6,7} 0.860 ± 0.134	^{3,6,7} 0.851 ± 0.141	^{6,7} 0.846 ± 0.134	^{6,7} 0.794 ± 0.133	^{6,7} 0.793 ± 0.142	⁷ 0.780 ± 0.146	⁷ 0.751 ± 0.145
<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} 0.672 ± 0.094	^{4,5,6,7} 0.661 ± 0.121	⁷ 0.324 ± 0.185	⁷ 0.389 ± 0.184	⁷ 0.593 ± 0.114	⁷ 0.525 ± 0.073
<i>ecoli-0-1-vs-5</i>	⁴ 0.855 ± 0.117	^{1,4,5,6,7} 0.865 ± 0.105	^{1,4,5,6,7} 0.847 ± 0.106	¹ 0.869 ± 0.108	⁴ 0.874 ± 0.102	^{1,4,5,7} 0.851 ± 0.116	^{1,4,5} 0.842 ± 0.114
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.699 ± 0.217	¹ 0.727 ± 0.135	¹ 0.723 ± 0.130	¹ 0.728 ± 0.186	^{3,6,7} 0.728 ± 0.174	¹ 0.620 ± 0.151	¹ 0.569 ± 0.140
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{6,7} 0.773 ± 0.159	^{6,7} 0.688 ± 0.123	^{6,7} 0.683 ± 0.117	^{6,7} 0.798 ± 0.119	^{6,7} 0.786 ± 0.121	⁷ 0.557 ± 0.127	⁷ 0.516 ± 0.110
<i>shuttle-c0-vs-c4</i>	^{2,3,6,7} 0.996 ± 0.008	^{6,7} 0.996 ± 0.008	^{6,7} 0.996 ± 0.008	^{2,3,6,7} 0.995 ± 0.008	^{2,3,6,7} 0.995 ± 0.008	⁷ 0.995 ± 0.008	⁷ 0.995 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.689 ± 0.199	¹ 0.708 ± 0.167	¹ 0.710 ± 0.164	¹ 0.719 ± 0.180	¹ 0.722 ± 0.177	¹ 0.617 ± 0.175	¹ 0.587 ± 0.161
<i>vowel0</i>	^{6,7} 0.963 ± 0.046	^{6,7} 0.989 ± 0.020	^{6,7} 0.990 ± 0.019	^{6,7} 0.706 ± 0.115	^{6,7} 0.827 ± 0.085	⁷ 0.871 ± 0.062	⁷ 0.878 ± 0.054
<i>glass4</i>	^{4,5,6,7} 0.572 ± 0.309	^{1,4,5,6,7} 0.709 ± 0.248	^{1,4,5,6,7} 0.704 ± 0.247	¹ 0.535 ± 0.231	⁴ 0.541 ± 0.245	^{4,5} 0.545 ± 0.198	^{4,5} 0.568 ± 0.201
<i>yeast-0-5-6-7-9-vs-4</i>	⁴ 0.405 ± 0.157	^{1,4,5,6,7} 0.564 ± 0.089	^{1,4,5,6,7} 0.557 ± 0.086	¹ 0.558 ± 0.082	¹ 0.548 ± 0.090	¹ 0.410 ± 0.051	¹ 0.399 ± 0.044
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,3,6,7} 0.626 ± 0.075	^{1,3,6,7} 0.554 ± 0.064	^{1,6,7} 0.536 ± 0.062	^{1,6,7} 0.621 ± 0.086	^{1,6,7} 0.625 ± 0.088	⁷ 0.396 ± 0.049	⁷ 0.383 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	^{2,3,6,7} 0.773 ± 0.150	^{3,6,7} 0.752 ± 0.141	^{6,7} 0.742 ± 0.137	^{2,3,6,7} 0.803 ± 0.136	^{2,3,6,7} 0.807 ± 0.131	⁷ 0.725 ± 0.151	⁷ 0.630 ± 0.157
<i>ecoli-0-3-4-vs-5</i>	^{6,7} 0.861 ± 0.162	⁷ 0.840 ± 0.156	⁷ 0.817 ± 0.154	^{2,3,6,7} 0.822 ± 0.162	^{1,2,3,6,7} 0.817 ± 0.164	⁷ 0.803 ± 0.171	⁷ 0.773 ± 0.161
<i>glass5</i>	^{3,4,5,6,7} 0.325 ± 0.332	^{3,6,7} 0.540 ± 0.320	⁷ 0.543 ± 0.321	^{6,7} 0.454 ± 0.250	⁷ 0.447 ± 0.229	⁷ 0.424 ± 0.200	⁷ 0.459 ± 0.211
<i>yeast4</i>	¹ 0.170 ± 0.122	^{1,4,5,6,7} 0.385 ± 0.101	^{1,4,5,6,7} 0.375 ± 0.100	^{1,6} 0.384 ± 0.093	^{1,6} 0.392 ± 0.091	¹ 0.307 ± 0.052	¹ 0.298 ± 0.044
<i>glass-0-4-vs-5</i>	^{1,3,6,7} 0.547 ± 0.415	^{1,3,6,7} 0.891 ± 0.147	^{1,6,7} 0.903 ± 0.138	^{1,6,7} 0.646 ± 0.272	^{1,6,7} 0.669 ± 0.276	^{1,7} 0.718 ± 0.248	¹ 0.727 ± 0.239
<i>yeast6</i>	¹ 0.553 ± 0.158	^{1,4,5,6,7} 0.473 ± 0.131	^{1,4,5,6,7} 0.470 ± 0.134	¹ 0.528 ± 0.117	¹ 0.506 ± 0.112	¹ 0.330 ± 0.051	^{1,4,5} 0.312 ± 0.044
<i>page-blocks-1-3-vs-4</i>	^{2,3,5,6,7} 0.648 ± 0.152	^{6,7} 0.703 ± 0.113	^{6,7} 0.709 ± 0.114	^{2,3,5,6,7} 0.532 ± 0.175	^{2,3,6,7} 0.615 ± 0.170	⁷ 0.613 ± 0.105	⁷ 0.615 ± 0.124
<i>yeast-1-vs-7</i>	⁴ 0.101 ± 0.143	^{1,4,5,6,7} 0.294 ± 0.141	^{1,4,5,6,7} 0.304 ± 0.139	¹ 0.230 ± 0.090	⁴ 0.227 ± 0.110	⁴ 0.224 ± 0.072	⁴ 0.225 ± 0.068
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.727 ± 0.386	^{1,4,5,6,7} 0.533 ± 0.314	^{1,4,5,6,7} 0.554 ± 0.334	¹ 0.668 ± 0.394	¹ 0.586 ± 0.353	¹ 0.279 ± 0.259	¹ 0.386 ± 0.260
<i>yeast-1-4-5-8-vs-7</i>	^{all} 0.004 ± 0.031	^{6,7} 0.164 ± 0.107	^{6,7} 0.169 ± 0.111	^{2,3,5,6,7} 0.140 ± 0.065	^{6,7} 0.133 ± 0.056	¹ 0.152 ± 0.052	⁶ 0.147 ± 0.046
<i>ecoli-0-1-4-7-vs-5-6</i>	¹ 0.812 ± 0.160	^{1,5} 0.787 ± 0.111	^{1,5} 0.773 ± 0.104	¹ 0.832 ± 0.108	¹ 0.820 ± 0.117	^{1,5,7} 0.677 ± 0.119	¹ 0.644 ± 0.116
<i>yeast-2-vs-8</i>	^{2,3,6,7} 0.661 ± 0.209	^{3,6,7} 0.551 ± 0.195	^{6,7} 0.536 ± 0.170	^{2,3,6,7} 0.661 ± 0.209	^{3,6,7} 0.665 ± 0.200	⁷ 0.359 ± 0.125	⁷ 0.330 ± 0.103
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{2,3,6,7} 0.829 ± 0.059	^{3,6,7} 0.750 ± 0.052	^{6,7} 0.736 ± 0.054	^{2,3,6,7} 0.823 ± 0.054	^{2,3,6,7} 0.822 ± 0.054	⁷ 0.626 ± 0.056	⁷ 0.583 ± 0.037
<i>glass2</i>	^{2,3,6,7} 0.152 ± 0.209	^{3,6,7} 0.366 ± 0.169	^{6,7} 0.356 ± 0.149	^{2,3,6,7} 0.337 ± 0.106	^{2,3,6,7} 0.328 ± 0.097	⁷ 0.268 ± 0.065	⁷ 0.268 ± 0.065
	¹	^{1,5,6,7}	^{1,5,6,7}	^{1,5,6,7}	^{1,6,7}	¹	¹

Table 3: Results for F1 metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.963	5.549	4.793	4.707	4.427	2.451	2.110
	^{6,7}	^{1,3,5,6,7}	^{6,7}	^{6,7}	^{6,7}	⁷	¹

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 ± 0.172	0.271 ± 0.142	0.228 ± 0.069	0.199 ± 0.055	0.159 ± 0.044	0.156 ± 0.041
<i>ecoli-0-3-4-7-vs-5-6</i>	— 0.944 ± 0.091	1,4,5,6,7 0.747 ± 0.149	1,4,5,6,7 0.710 ± 0.148	1,5,6,7 0.837 ± 0.145	1,6,7 0.815 ± 0.140	— 0.594 ± 0.152	— 0.537 ± 0.149
<i>shuttle-c2-vs-c4</i>	<i>all</i> 0.200 ± 0.400	3,6,7 1.000 ± 0.000	6,7 1.000 ± 0.000	2,3,6,7 0.740 ± 0.438	2,3,6,7 0.780 ± 0.414	7 0.600 ± 0.489	— 0.800 ± 0.400
<i>glass-0-1-4-6-vs-2</i>	— 0.133 ± 0.310	1,4,5,6,7 0.277 ± 0.118	1,4,5,6,7 0.272 ± 0.132	1 0.217 ± 0.074	1,6 0.198 ± 0.066	1 0.165 ± 0.062	1,6 0.162 ± 0.052
<i>yeast-1-2-8-9-vs-7</i>	— 0.070 ± 0.223	1,4,5,6,7 0.209 ± 0.115	1,4,5,6,7 0.200 ± 0.099	1,5,6,7 0.113 ± 0.051	1,6,7 0.109 ± 0.078	1 0.087 ± 0.030	1 0.088 ± 0.030
<i>ecoli-0-1-4-6-vs-5</i>	— 0.960 ± 0.100	<i>all</i> 0.883 ± 0.135	1,4,5,6,7 0.840 ± 0.136	1,5,6,7 0.867 ± 0.145	1,6,7 0.837 ± 0.141	1 0.751 ± 0.173	1 0.721 ± 0.158
<i>glass-0-1-6-vs-5</i>	<i>all</i> 0.373 ± 0.371	3,6,7 0.529 ± 0.267	6,7 0.530 ± 0.275	6,7 0.471 ± 0.253	6,7 0.445 ± 0.249	— 0.483 ± 0.247	— 0.453 ± 0.248
<i>yeast-2-vs-4</i>	— 0.922 ± 0.095	1,4,5,7 0.767 ± 0.111	1,5,7 0.753 ± 0.118	5,7 0.863 ± 0.101	— 0.850 ± 0.103	5,7 0.556 ± 0.089	— 0.520 ± 0.089
<i>glass-0-6-vs-5</i>	<i>all</i> 0.600 ± 0.469	6,7 0.768 ± 0.304	6,7 0.782 ± 0.266	2,3,6,7 0.768 ± 0.364	2,3,6,7 0.728 ± 0.377	7 0.748 ± 0.369	— 0.768 ± 0.327
<i>ecoli-0-3-4-6-vs-5</i>	— 0.946 ± 0.119	1 0.880 ± 0.146	1 0.839 ± 0.156	1 0.752 ± 0.167	— 0.746 ± 0.174	1 0.717 ± 0.178	1 0.674 ± 0.175
<i>yeast-0-3-5-9-vs-7-8</i>	<i>all</i> 0.605 ± 0.176	3,4,5,6,7 0.326 ± 0.070	4,5,6,7 0.310 ± 0.069	6,7 0.556 ± 0.181	6,7 0.516 ± 0.183	7 0.226 ± 0.048	— 0.215 ± 0.039
<i>glass-0-1-5-vs-2</i>	<i>all</i> 0.186 ± 0.333	3,6,7 0.281 ± 0.175	6,7 0.260 ± 0.132	2,3,5,6,7 0.219 ± 0.080	2,3,6,7 0.204 ± 0.072	7 0.159 ± 0.048	— 0.160 ± 0.049
<i>ecoli-0-6-7-vs-5</i>	— 0.953 ± 0.114	1,4,5,6,7 0.723 ± 0.193	1,4,5,6,7 0.696 ± 0.187	1,5,6,7 0.838 ± 0.191	1,6,7 0.815 ± 0.188	— 0.614 ± 0.207	— 0.528 ± 0.182
<i>ecoli-0-2-3-4-vs-5</i>	<i>all</i> 0.960 ± 0.092	6,7 0.835 ± 0.176	6,7 0.801 ± 0.182	2,3,6,7 0.846 ± 0.177	2,3,6,7 0.825 ± 0.174	7 0.779 ± 0.188	— 0.727 ± 0.187
<i>ecoli4</i>	<i>all</i> 0.973 ± 0.073	3,6,7 0.810 ± 0.180	7 0.791 ± 0.178	6,7 0.905 ± 0.132	6,7 0.876 ± 0.151	7 0.660 ± 0.181	— 0.611 ± 0.178
<i>yeast5</i>	<i>all</i> 0.794 ± 0.140	6,7 0.591 ± 0.089	6,7 0.576 ± 0.089	2,3,6,7 0.602 ± 0.100	2,3,6,7 0.575 ± 0.085	7 0.440 ± 0.066	— 0.427 ± 0.060
<i>ecoli-0-4-6-vs-5</i>	<i>all</i> 0.935 ± 0.135	3,5,6,7 0.873 ± 0.169	6,7 0.866 ± 0.165	5,6,7 0.780 ± 0.176	6,7 0.766 ± 0.179	7 0.749 ± 0.191	— 0.696 ± 0.184
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<i>all</i> 0.782 ± 0.304	4,5,6,7 0.559 ± 0.098	4,5,6,7 0.569 ± 0.124	6,7 0.544 ± 0.310	7 0.502 ± 0.262	7 0.468 ± 0.125	— 0.377 ± 0.077
<i>ecoli-0-1-vs-5</i>	<i>all</i> 0.972 ± 0.076	6,7 0.904 ± 0.124	2,6,7 0.871 ± 0.140	7 0.965 ± 0.090	7 0.960 ± 0.094	7 0.879 ± 0.143	— 0.863 ± 0.157
<i>ecoli-0-2-6-7-vs-3-5</i>	2,3,6,7 0.933 ± 0.175	— 0.751 ± 0.190	— 0.708 ± 0.195	2,3,6,7 0.808 ± 0.198	2,3,6,7 0.802 ± 0.200	— 0.556 ± 0.192	— 0.479 ± 0.173
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<i>all</i> 0.979 ± 0.065	3,6,7 0.681 ± 0.163	6,7 0.666 ± 0.155	3,6,7 0.914 ± 0.116	3,6,7 0.893 ± 0.135	7 0.465 ± 0.160	— 0.402 ± 0.118
<i>shuttle-c0-vs-c4</i>	<i>all</i> 1.000 ± 0.000	6,7 1.000 ± 0.000	6,7 1.000 ± 0.000	2,3,6,7 1.000 ± 0.000	2,3,6,7 1.000 ± 0.000	7 1.000 ± 0.000	— 1.000 ± 0.000
<i>ecoli-0-6-7-vs-3-5</i>	— 0.907 ± 0.169	— 0.738 ± 0.204	— 0.697 ± 0.198	— 0.811 ± 0.202	— 0.810 ± 0.201	— 0.557 ± 0.212	— 0.500 ± 0.190
<i>vowel0</i>	<i>all</i> 0.989 ± 0.027	6,7 0.979 ± 0.038	6,7 0.981 ± 0.036	2,3,6,7 0.840 ± 0.110	2,3,6,7 0.867 ± 0.090	7 0.787 ± 0.081	— 0.818 ± 0.078
<i>glass4</i>	4,5,6,7 0.728 ± 0.384	4,5,6,7 0.640 ± 0.271	4,5,6,7 0.632 ± 0.267	6 0.516 ± 0.276	4,6,7 0.502 ± 0.270	— 0.477 ± 0.231	6 0.496 ± 0.242
<i>yeast-0-5-6-7-9-vs-4</i>	<i>all</i> 0.647 ± 0.237	4,5,6,7 0.488 ± 0.106	4,5,6,7 0.475 ± 0.097	— 0.511 ± 0.109	— 0.486 ± 0.126	— 0.273 ± 0.040	— 0.262 ± 0.034
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<i>all</i> 0.779 ± 0.092	3,6,7 0.475 ± 0.061	6,7 0.450 ± 0.060	3,5,6,7 0.721 ± 0.088	6,7 0.689 ± 0.102	7 0.269 ± 0.045	— 0.254 ± 0.035
<i>ecoli-0-1-vs-2-3-5</i>	<i>all</i> 0.968 ± 0.081	3,6,7 0.749 ± 0.164	6,7 0.732 ± 0.171	2,3,5,6,7 0.947 ± 0.114	2,3,6,7 0.943 ± 0.115	7 0.748 ± 0.190	— 0.578 ± 0.211
<i>ecoli-0-3-4-vs-5</i>	2,3,6,7 0.958 ± 0.111	7 0.874 ± 0.160	7 0.830 ± 0.165	2,3,6,7 0.830 ± 0.164	2,3,6,7 0.821 ± 0.172	7 0.788 ± 0.188	— 0.740 ± 0.183
<i>glass5</i>	<i>all</i> 0.377 ± 0.406	3,6,7 0.478 ± 0.309	7 0.476 ± 0.309	6,7 0.365 ± 0.242	7 0.344 ± 0.209	7 0.311 ± 0.161	— 0.346 ± 0.196
<i>yeast4</i>	— 0.358 ± 0.276	4,5,6,7 0.329 ± 0.098	4,5,6,7 0.308 ± 0.085	6 0.304 ± 0.080	6 0.316 ± 0.088	— 0.195 ± 0.034	— 0.186 ± 0.029
<i>glass-0-4-vs-5</i>	6,7 0.660 ± 0.473	3,4,6,7 0.853 ± 0.204	6,7 0.850 ± 0.200	6,7 0.646 ± 0.320	6,7 0.668 ± 0.331	7 0.661 ± 0.286	— 0.665 ± 0.285
<i>yeast6</i>	— 0.626 ± 0.178	1,4,5,6,7 0.383 ± 0.117	1,4,5,6,7 0.376 ± 0.117	— 0.434 ± 0.109	— 0.400 ± 0.106	— 0.207 ± 0.037	— 0.193 ± 0.032
<i>page-blocks-1-3-vs-4</i>	<i>all</i> 0.686 ± 0.174	6,7 0.584 ± 0.111	6,7 0.595 ± 0.121	2,3,5,6,7 0.552 ± 0.202	6,7 0.659 ± 0.197	7 0.467 ± 0.118	— 0.483 ± 0.139
<i>yeast-1-vs-7</i>	2,3,4,6,7 0.330 ± 0.464	6,7 0.261 ± 0.137	6,7 0.256 ± 0.124	6,7 0.158 ± 0.063	2,3,4,6,7 0.171 ± 0.095	— 0.135 ± 0.044	— 0.134 ± 0.041
<i>ecoli-0-1-3-7-vs-2-6</i>	— 0.790 ± 0.401	4,5,6,7 0.504 ± 0.356	4,5,6,7 0.536 ± 0.376	6,7 0.679 ± 0.417	6,7 0.569 ± 0.391	— 0.255 ± 0.311	— 0.341 ± 0.322
<i>yeast-1-4-5-8-vs-7</i>	<i>all</i> 0.007 ± 0.046	6,7 0.133 ± 0.094	6,7 0.132 ± 0.093	2,3,5,6,7 0.087 ± 0.042	6,7 0.081 ± 0.034	— 0.087 ± 0.031	6 0.084 ± 0.027
<i>ecoli-0-1-4-7-vs-5-6</i>	— 0.967 ± 0.091	1,4,5,6,7 0.769 ± 0.163	1,4,5,6,7 0.743 ± 0.162	1 0.895 ± 0.120	1 0.885 ± 0.135	1,7 0.579 ± 0.146	1 0.534 ± 0.157
<i>yeast-2-vs-8</i>	<i>all</i> 0.908 ± 0.200	3,6,7 0.576 ± 0.247	6,7 0.526 ± 0.217	2,3,6,7 0.908 ± 0.200	2,3,6,7 0.911 ± 0.190	7 0.257 ± 0.102	— 0.225 ± 0.084
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	2,3,6,7 0.871 ± 0.068	3,6,7 0.686 ± 0.065	6,7 0.663 ± 0.064	2,3,6,7 0.840 ± 0.063	2,3,6,7 0.829 ± 0.067	7 0.491 ± 0.070	— 0.436 ± 0.044
<i>glass2</i>	<i>all</i> 0.260 ± 0.387	3,6,7 0.290 ± 0.147	6,7 0.280 ± 0.132	2,3,6,7 0.221 ± 0.083	2,3,6,7 0.211 ± 0.075	7 0.162 ± 0.044	— 0.162 ± 0.044
	—	3,4,5,6,7	4,5,6,7	5,6,7	6,7	—	—

Table 5: Results for Precision metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	5.598	5.159	4.378	4.866	4.146	2.146	1.707
	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>glass-0-1-6-vs-2</i>	0.065 ± 0.123	0.513 ± 0.242	0.497 ± 0.251	0.802 ± 0.191	0.815 ± 0.193	0.827 ± 0.194	0.827 ± 0.194
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.744 ± 0.196	¹ 0.836 ± 0.148	¹ 0.840 ± 0.149	^{1,2,3} 0.776 ± 0.147	^{1,2,3} 0.776 ± 0.153	^{1,2,3} 0.860 ± 0.150	^{1,2,3} 0.868 ± 0.147
<i>shuttle-c2-vs-c4</i>	^{1,4,5} 0.170 ± 0.355	^{1,4,5} 0.990 ± 0.069	^{1,4,5} 0.990 ± 0.069	^{1,4,5} 0.710 ± 0.436	^{1,4,5} 0.750 ± 0.415	^{1,4,5} 0.550 ± 0.471	^{1,4,5} 0.770 ± 0.402
<i>glass-0-1-4-6-vs-2</i>	^{1,4,5,6,7} 0.055 ± 0.122	^{1,4,5,6,7} 0.545 ± 0.231	^{1,4,5,6,7} 0.525 ± 0.252	^{1,6} 0.760 ± 0.215	^{1,6} 0.772 ± 0.210	¹ 0.807 ± 0.192	^{1,6} 0.813 ± 0.193
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.017 ± 0.049	¹ 0.320 ± 0.172	¹ 0.347 ± 0.172	^{1,2,3} 0.400 ± 0.185	^{1,2,3} 0.400 ± 0.208	^{1,2,3} 0.560 ± 0.184	^{1,2,3} 0.593 ± 0.186
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.775 ± 0.182	¹ 0.850 ± 0.150	¹ 0.850 ± 0.150	^{1,2,3} 0.815 ± 0.164	^{1,2} 0.820 ± 0.158	^{1,2,3,4,5} 0.830 ± 0.161	^{all} 0.840 ± 0.164
<i>glass-0-1-6-vs-5</i>	¹ 0.360 ± 0.316	¹ 0.810 ± 0.298	¹ 0.800 ± 0.300	¹ 0.740 ± 0.320	¹ 0.720 ± 0.318	¹ 0.760 ± 0.303	¹ 0.780 ± 0.302
<i>yeast-2-vs-4</i>	¹ 0.647 ± 0.132	¹ 0.782 ± 0.129	¹ 0.789 ± 0.126	¹ 0.691 ± 0.126	¹ 0.707 ± 0.131	¹ 0.855 ± 0.131	¹ 0.863 ± 0.113
<i>glass-0-6-vs-5</i>	^{1,4,5} 0.440 ± 0.382	^{1,4,5} 0.870 ± 0.279	^{1,4,5} 0.890 ± 0.229	¹ 0.640 ± 0.346	¹ 0.660 ± 0.352	^{1,2,3,4,5} 0.650 ± 0.350	^{1,2,3,4,5} 0.750 ± 0.320
<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 0.825 ± 0.167	¹ 0.835 ± 0.170	¹ 0.845 ± 0.172	^{1,6} 0.845 ± 0.172
<i>yeast-0-3-5-9-vs-7-8</i>	¹ 0.306 ± 0.115	¹ 0.540 ± 0.121	¹ 0.550 ± 0.118	¹ 0.338 ± 0.141	¹ 0.338 ± 0.121	¹ 0.688 ± 0.145	¹ 0.730 ± 0.123
<i>glass-0-1-5-vs-2</i>	^{1,4,5} 0.090 ± 0.139	^{1,4,5} 0.513 ± 0.286	^{1,4,5} 0.515 ± 0.288	¹ 0.745 ± 0.266	¹ 0.798 ± 0.221	^{1,2,3,4,5} 0.812 ± 0.228	^{all} 0.817 ± 0.224
<i>ecoli-0-6-7-vs-5</i>	¹ 0.685 ± 0.216	¹ 0.780 ± 0.197	¹ 0.790 ± 0.195	^{1,2,3} 0.755 ± 0.196	^{1,2,3} 0.750 ± 0.193	^{1,2,3} 0.800 ± 0.187	^{1,2,3} 0.815 ± 0.192
<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 0.835 ± 0.155	¹ 0.840 ± 0.156	^{1,5} 0.850 ± 0.158	^{1,4,5} 0.850 ± 0.158
<i>ecoli4</i>	¹ 0.790 ± 0.202	¹ 0.855 ± 0.200	¹ 0.855 ± 0.200	¹ 0.855 ± 0.180	¹ 0.885 ± 0.159	¹ 0.900 ± 0.158	¹ 0.910 ± 0.156
<i>yeast5</i>	¹ 0.647 ± 0.127	¹ 0.889 ± 0.098	¹ 0.889 ± 0.106	¹ 0.871 ± 0.122	¹ 0.901 ± 0.104	^{1,2,3,4} 0.989 ± 0.033	^{1,2,3,4} 0.987 ± 0.036
<i>ecoli-0-4-6-vs-5</i>	¹ 0.810 ± 0.162	¹ 0.850 ± 0.158	¹ 0.850 ± 0.158	¹ 0.835 ± 0.155	^{1,4} 0.845 ± 0.157	^{1,2,3,4,5} 0.840 ± 0.156	^{1,2,3,4,5} 0.845 ± 0.157
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	¹ 0.279 ± 0.155	¹ 0.863 ± 0.140	¹ 0.816 ± 0.173	¹ 0.250 ± 0.161	¹ 0.336 ± 0.170	¹ 0.850 ± 0.125	¹ 0.904 ± 0.115
<i>ecoli-0-1-vs-5</i>	^{1,3,4,5} 0.785 ± 0.180	^{1,3,4,5} 0.850 ± 0.150	^{1,4,5} 0.850 ± 0.150	¹ 0.810 ± 0.162	^{1,4} 0.820 ± 0.150	^{1,4,5} 0.845 ± 0.149	^{all} 0.850 ± 0.150
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.597 ± 0.251	¹ 0.746 ± 0.180	¹ 0.788 ± 0.170	¹ 0.680 ± 0.210	¹ 0.691 ± 0.199	¹ 0.745 ± 0.169	¹ 0.759 ± 0.160
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,4,5} 0.668 ± 0.202	^{1,4,5} 0.733 ± 0.167	^{1,4,5} 0.741 ± 0.168	¹ 0.730 ± 0.164	¹ 0.727 ± 0.163	^{1,4,5} 0.760 ± 0.163	^{1,4,5} 0.782 ± 0.161
<i>shuttle-c0-vs-c4</i>	¹ 0.992 ± 0.016	¹ 0.992 ± 0.016	¹ 0.992 ± 0.016	¹ 0.990 ± 0.017	¹ 0.990 ± 0.017	^{1,4,5} 0.990 ± 0.017	^{1,2,3,4,5} 0.990 ± 0.017
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.593 ± 0.237	¹ 0.724 ± 0.205	¹ 0.765 ± 0.203	¹ 0.672 ± 0.201	¹ 0.678 ± 0.204	¹ 0.736 ± 0.180	¹ 0.760 ± 0.164
<i>vowel0</i>	^{1,4,5} 0.941 ± 0.077	^{1,4,5} 1.000 ± 0.000	^{1,2,4,5} 1.000 ± 0.000	¹ 0.621 ± 0.137	¹ 0.803 ± 0.125	^{1,4,5} 0.979 ± 0.054	^{1,4,5} 0.953 ± 0.065
<i>glass4</i>	^{4,5} 0.513 ± 0.310	^{1,4,5,6,7} 0.857 ± 0.278	^{1,4,5,6,7} 0.857 ± 0.278	¹ 0.620 ± 0.272	⁴ 0.643 ± 0.286	^{1,4,5,7} 0.717 ± 0.233	^{4,5} 0.757 ± 0.252
<i>yeast-0-5-6-7-9-vs-4</i>	¹ 0.317 ± 0.153	^{1,4,5,6,7} 0.693 ± 0.123	^{1,4,5,6,7} 0.695 ± 0.123	¹ 0.642 ± 0.115	¹ 0.661 ± 0.107	^{1,4} 0.834 ± 0.106	^{1,4,5} 0.847 ± 0.102
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,4,5} 0.529 ± 0.083	^{1,4,5} 0.673 ± 0.093	^{1,4,5} 0.671 ± 0.091	¹ 0.555 ± 0.106	¹ 0.582 ± 0.108	^{1,2,3,4,5} 0.774 ± 0.097	^{1,2,3,4,5} 0.798 ± 0.091
<i>ecoli-0-1-vs-2-3-5</i>	^{1,4,5} 0.670 ± 0.187	^{1,4,5} 0.791 ± 0.188	^{1,4,5} 0.791 ± 0.184	¹ 0.715 ± 0.179	^{1,4} 0.723 ± 0.173	^{1,2,3,4,5} 0.736 ± 0.178	^{all} 0.757 ± 0.191
<i>ecoli-0-3-4-vs-5</i>	^{1,4,5,6} 0.810 ± 0.209	^{1,4,5,6} 0.850 ± 0.200	^{1,4,5,6} 0.850 ± 0.200	¹ 0.845 ± 0.205	¹ 0.845 ± 0.205	¹ 0.850 ± 0.200	¹ 0.850 ± 0.200
<i>glass5</i>	¹ 0.310 ± 0.330	¹ 0.670 ± 0.395	¹ 0.690 ± 0.398	¹ 0.690 ± 0.359	¹ 0.740 ± 0.363	¹ 0.730 ± 0.334	¹ 0.790 ± 0.333
<i>yeast4</i>	¹ 0.117 ± 0.088	¹ 0.484 ± 0.146	¹ 0.497 ± 0.156	¹ 0.540 ± 0.143	¹ 0.542 ± 0.146	¹ 0.732 ± 0.135	¹ 0.760 ± 0.129
<i>glass-0-4-vs-5</i>	¹ 0.490 ± 0.406	¹ 0.970 ± 0.118	¹ 0.990 ± 0.069	^{1,2} 0.730 ± 0.319	^{1,2} 0.770 ± 0.319	^{1,2,3,4,5} 0.860 ± 0.265	^{all} 0.890 ± 0.250
<i>yeast6</i>	^{1,4,5,6} 0.523 ± 0.184	^{1,4,5,6} 0.649 ± 0.196	^{1,4,5,6} 0.654 ± 0.198	¹ 0.700 ± 0.178	¹ 0.717 ± 0.165	^{1,4} 0.837 ± 0.117	^{1,4,5} 0.837 ± 0.117
<i>page-blocks-1-3-vs-4</i>	¹ 0.657 ± 0.217	¹ 0.901 ± 0.144	¹ 0.901 ± 0.144	^{1,2} 0.545 ± 0.200	^{1,2,3} 0.610 ± 0.200	^{1,2,3,4,5} 0.924 ± 0.125	^{1,2,3,4,5} 0.893 ± 0.161
<i>yeast-1-vs-7</i>	⁴ 0.060 ± 0.086	^{1,4,5} 0.373 ± 0.195	^{1,4,5} 0.413 ± 0.208	¹ 0.447 ± 0.183	¹ 0.390 ± 0.212	^{1,4,5} 0.660 ± 0.213	^{1,4,5} 0.700 ± 0.210
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.700 ± 0.400	¹ 0.700 ± 0.400	^{1,2} 0.700 ± 0.400	^{1,2,5} 0.700 ± 0.400	¹ 0.700 ± 0.400	^{1,2,3,4,5} 0.460 ± 0.397	^{all} 0.700 ± 0.400
<i>yeast-1-4-5-8-vs-7</i>	⁶ 0.003 ± 0.023	⁶ 0.230 ± 0.159	⁶ 0.253 ± 0.173	⁶ 0.373 ± 0.171	⁶ 0.390 ± 0.193	¹ 0.593 ± 0.197	⁶ 0.607 ± 0.187
<i>ecoli-0-1-4-7-vs-5-6</i>	¹ 0.732 ± 0.198	¹ 0.840 ± 0.144	¹ 0.844 ± 0.140	^{1,2,3} 0.796 ± 0.157	^{1,2,3} 0.788 ± 0.166	^{1,2,3,4,5} 0.852 ± 0.125	^{1,2,3,4,5} 0.860 ± 0.121
<i>yeast-2-vs-8</i>	^{1,4,5} 0.550 ± 0.229	^{1,4,5} 0.590 ± 0.248	^{1,4,5} 0.610 ± 0.230	¹ 0.550 ± 0.229	¹ 0.555 ± 0.219	^{1,4,5} 0.655 ± 0.228	^{1,4,5} 0.685 ± 0.222
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	¹ 0.797 ± 0.084	¹ 0.835 ± 0.081	^{1,4,5} 0.834 ± 0.084	¹ 0.812 ± 0.078	¹ 0.821 ± 0.076	^{1,2,4,5} 0.883 ± 0.074	^{1,2,3,4,5} 0.893 ± 0.076
<i>glass2</i>	^{1,4,5} 0.117 ± 0.164	^{1,4,5} 0.537 ± 0.265	^{1,4,5} 0.528 ± 0.227	¹ 0.757 ± 0.193	¹ 0.778 ± 0.191	^{1,2,3,4,5} 0.818 ± 0.170	^{all} 0.818 ± 0.170
	¹	¹	¹	^{1,2,3}	^{1,2,3}	^{1,2,3,4}	^{1,2,3,4}

Table 7: Results for Recall metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.341	4.488	4.866	2.671	3.488	5.134	6.012
	—	1,4,5	1,2,4,5	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>glass-0-1-6-vs-2</i>	0.522 ± 0.062	0.686 ± 0.128	0.679 ± 0.126	0.763 ± 0.092	0.745 ± 0.090	0.698 ± 0.094	0.695 ± 0.096
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.869 ± 0.097	¹ 0.900 ± 0.071	¹ 0.898 ± 0.071	^{all} 0.879 ± 0.074	^{1,2,3,6,7} 0.878 ± 0.078	¹ 0.895 ± 0.080	¹ 0.888 ± 0.075
<i>shuttle-c2-vs-c4</i>	^{3,6,7} 0.585 ± 0.177	^{3,6,7} 0.995 ± 0.034	⁷ 0.995 ± 0.034	⁷ 0.855 ± 0.218	⁷ 0.875 ± 0.207	^{1,7} 0.775 ± 0.235	⁷ 0.885 ± 0.201
<i>glass-0-1-4-6-vs-2</i>	^{1,4,5,6,7} 0.518 ± 0.062	^{1,4,5,6,7} 0.707 ± 0.110	^{1,4,5,6,7} 0.699 ± 0.122	^{1,6} 0.750 ± 0.113	^{1,6} 0.740 ± 0.106	¹ 0.708 ± 0.106	^{1,6} 0.709 ± 0.104
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.508 ± 0.024	¹ 0.640 ± 0.086	¹ 0.650 ± 0.087	^{1,5,6,7} 0.649 ± 0.091	^{1,3,6,7} 0.643 ± 0.095	¹ 0.682 ± 0.092	¹ 0.695 ± 0.093
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.886 ± 0.091	¹ 0.920 ± 0.075	¹ 0.918 ± 0.074	¹ 0.901 ± 0.080	¹ 0.903 ± 0.077	^{1,2,3,4,5} 0.902 ± 0.079	^{1,2,3,4,5} 0.905 ± 0.079
<i>glass-0-1-6-vs-5</i>	^{3,4,5,6,7} 0.668 ± 0.151	^{3,4,5,6,7} 0.884 ± 0.147	^{6,7} 0.879 ± 0.150	⁶ 0.845 ± 0.160	⁶ 0.833 ± 0.159	⁴ 0.855 ± 0.153	^{4,5} 0.860 ± 0.154
<i>yeast-2-vs-4</i>	^{1,4,5,7} 0.820 ± 0.066	^{1,4,5,7} 0.877 ± 0.063	^{1,5,7} 0.879 ± 0.061	¹ 0.839 ± 0.063	¹ 0.846 ± 0.065	^{1,5} 0.888 ± 0.060	^{1,6} 0.886 ± 0.054
<i>glass-0-6-vs-5</i>	^{1,4,5} 0.714 ± 0.194	^{1,4,5} 0.920 ± 0.139	^{1,4,5} 0.930 ± 0.113	⁷ 0.810 ± 0.175	¹ 0.817 ± 0.180	^{1,4,5,7} 0.816 ± 0.174	^{1,4,5} 0.861 ± 0.163
<i>ecoli-0-3-4-6-vs-5</i>	^{1,4,5,6,7} 0.895 ± 0.094	^{1,4,5,6,7} 0.917 ± 0.087	^{1,4,5,6,7} 0.914 ± 0.087	¹ 0.896 ± 0.088	¹ 0.900 ± 0.090	¹ 0.902 ± 0.091	¹ 0.897 ± 0.090
<i>yeast-0-3-5-9-vs-7-8</i>	^{3,4,5,6,7} 0.641 ± 0.058	^{3,4,5,6,7} 0.707 ± 0.060	^{4,5,6,7} 0.706 ± 0.059	¹ 0.652 ± 0.067	^{1,7} 0.650 ± 0.061	⁷ 0.713 ± 0.069	⁴ 0.717 ± 0.060
<i>glass-0-1-5-vs-2</i>	^{1,3,4,5} 0.533 ± 0.066	^{1,3,4,5} 0.682 ± 0.145	^{1,4,5} 0.681 ± 0.142	⁷ 0.728 ± 0.131	⁷ 0.727 ± 0.108	^{1,4,5} 0.672 ± 0.110	^{1,4,5} 0.674 ± 0.107
<i>ecoli-0-6-7-vs-5</i>	¹ 0.840 ± 0.108	¹ 0.872 ± 0.098	¹ 0.874 ± 0.096	^{1,3,5,6,7} 0.869 ± 0.102	^{1,3,6,7} 0.865 ± 0.100	¹ 0.869 ± 0.099	¹ 0.863 ± 0.100
<i>ecoli-0-2-3-4-vs-5</i>	⁷ 0.890 ± 0.083	⁷ 0.913 ± 0.080	⁷ 0.910 ± 0.079	⁶ 0.907 ± 0.080	⁷ 0.908 ± 0.080	⁷ 0.908 ± 0.081	⁷ 0.903 ± 0.079
<i>ecoli4</i>	^{3,6,7} 0.894 ± 0.100	^{3,6,7} 0.919 ± 0.097	⁷ 0.918 ± 0.097	⁷ 0.924 ± 0.091	⁷ 0.938 ± 0.081	^{4,5,7} 0.932 ± 0.076	⁷ 0.932 ± 0.073
<i>yeast5</i>	^{2,3} 0.821 ± 0.064	^{2,3} 0.935 ± 0.049	^{2,3} 0.934 ± 0.053	^{2,3} 0.926 ± 0.061	^{1,2,3,6,7} 0.940 ± 0.052	^{1,4} 0.974 ± 0.017	^{1,6} 0.972 ± 0.018
<i>ecoli-0-4-6-vs-5</i>	^{1,3} 0.901 ± 0.084	^{1,3} 0.916 ± 0.082	¹ 0.916 ± 0.081	¹ 0.902 ± 0.080	¹ 0.906 ± 0.083	^{all} 0.902 ± 0.083	^{1,2,3,4,5} 0.899 ± 0.083
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	⁷ 0.635 ± 0.077	^{4,5,6,7} 0.899 ± 0.069	^{4,5,6,7} 0.878 ± 0.086	^{1,7} 0.615 ± 0.080	^{1,7} 0.651 ± 0.087	^{1,7} 0.877 ± 0.064	⁷ 0.879 ± 0.051
<i>ecoli-0-1-vs-5</i>	⁴ 0.891 ± 0.089	^{1,4,5,6,7} 0.920 ± 0.074	^{1,4,5} 0.918 ± 0.074	⁷ 0.903 ± 0.081	⁴ 0.908 ± 0.075	^{1,4,5} 0.916 ± 0.075	^{1,4,5} 0.917 ± 0.074
<i>ecoli-0-2-6-7-vs-3-5</i>	⁷ 0.797 ± 0.125	⁷ 0.856 ± 0.087	⁷ 0.872 ± 0.081	⁷ 0.831 ± 0.109	⁷ 0.835 ± 0.103	⁷ 0.834 ± 0.086	⁷ 0.826 ± 0.082
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,6,7} 0.833 ± 0.100	^{1,6,7} 0.848 ± 0.082	^{1,4,5,6,7} 0.850 ± 0.081	⁷ 0.861 ± 0.081	⁷ 0.858 ± 0.081	^{1,7} 0.830 ± 0.080	⁷ 0.828 ± 0.077
<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	⁷ 0.995 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	⁷ 0.792 ± 0.119	⁷ 0.845 ± 0.104	⁷ 0.861 ± 0.102	⁷ 0.826 ± 0.104	⁷ 0.829 ± 0.105	⁷ 0.829 ± 0.097	⁷ 0.831 ± 0.088
<i>vowel0</i>	⁶ 0.970 ± 0.038	⁶ 0.999 ± 0.002	^{1,6,7} 0.999 ± 0.002	⁷ 0.804 ± 0.068	⁷ 0.895 ± 0.062	¹ 0.976 ± 0.029	^{1,6} 0.966 ± 0.032
<i>glass4</i>	^{4,5} 0.750 ± 0.158	^{1,4,5,6,7} 0.909 ± 0.143	^{1,4,5,6,7} 0.909 ± 0.143	⁷ 0.786 ± 0.141	⁴ 0.797 ± 0.148	^{4,5} 0.827 ± 0.119	^{4,5} 0.847 ± 0.128
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,4,5,6,7} 0.649 ± 0.074	^{1,4,5,6,7} 0.805 ± 0.060	^{1,4,5,6,7} 0.804 ± 0.059	⁷ 0.785 ± 0.054	⁷ 0.789 ± 0.050	¹ 0.796 ± 0.051	^{1,4} 0.794 ± 0.047
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,3,4,5} 0.756 ± 0.042	^{1,3,4,5} 0.795 ± 0.046	^{1,4,5} 0.790 ± 0.045	¹ 0.765 ± 0.052	¹ 0.776 ± 0.053	¹ 0.768 ± 0.042	¹ 0.768 ± 0.040
<i>ecoli-0-1-vs-2-3-5</i>	^{all} 0.833 ± 0.093	^{all} 0.879 ± 0.093	^{1,4,5,6,7} 0.877 ± 0.091	⁷ 0.855 ± 0.090	^{1,4} 0.859 ± 0.087	⁷ 0.852 ± 0.090	⁷ 0.841 ± 0.096
<i>ecoli-0-3-4-vs-5</i>	^{1,7} 0.903 ± 0.105	^{1,7} 0.916 ± 0.100	^{1,7} 0.913 ± 0.098	^{6,7} 0.912 ± 0.104	^{1,6,7} 0.911 ± 0.104	⁷ 0.910 ± 0.103	⁷ 0.906 ± 0.101
<i>glass5</i>	^{3,6,7} 0.648 ± 0.165	^{3,6,7} 0.820 ± 0.198	⁷ 0.829 ± 0.199	^{6,7} 0.815 ± 0.180	⁷ 0.837 ± 0.180	⁷ 0.829 ± 0.167	¹ 0.859 ± 0.165
<i>yeast4</i>	^{1,4} 0.555 ± 0.043	^{1,4} 0.724 ± 0.072	^{1,4} 0.728 ± 0.076	¹ 0.747 ± 0.071	^{1,3,6} 0.749 ± 0.071	^{1,3,4} 0.812 ± 0.065	¹ 0.820 ± 0.061
<i>glass-0-4-vs-5</i>	¹ 0.744 ± 0.204	¹ 0.971 ± 0.064	¹ 0.981 ± 0.045	^{1,2} 0.838 ± 0.156	^{1,2} 0.856 ± 0.159	^{1,2,3,4,5} 0.898 ± 0.135	^{1,2,3,4,5} 0.913 ± 0.127
<i>yeast6</i>	^{1,4,5,6,7} 0.757 ± 0.091	^{1,4,5,6,7} 0.811 ± 0.097	^{1,4,5,6,7} 0.813 ± 0.098	⁷ 0.839 ± 0.088	¹ 0.845 ± 0.082	¹ 0.879 ± 0.056	^{1,4,5} 0.875 ± 0.055
<i>page-blocks-1-3-vs-4</i>	¹ 0.818 ± 0.106	¹ 0.929 ± 0.073	¹ 0.930 ± 0.072	^{1,2,3} 0.758 ± 0.099	^{1,2,3} 0.794 ± 0.100	^{all} 0.927 ± 0.064	^{1,2,3,4,5} 0.913 ± 0.080
<i>yeast-1-vs-7</i>	⁴ 0.529 ± 0.043	^{1,4,5,7} 0.646 ± 0.099	^{1,4,5,7} 0.661 ± 0.105	⁷ 0.637 ± 0.092	⁴ 0.622 ± 0.098	^{1,4,5} 0.680 ± 0.110	^{1,4,5} 0.690 ± 0.107
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.850 ± 0.200	¹ 0.840 ± 0.197	^{1,5} 0.841 ± 0.197	¹ 0.842 ± 0.208	¹ 0.837 ± 0.206	^{1,2,4,5} 0.700 ± 0.201	^{1,2,4,5} 0.821 ± 0.196
<i>yeast-1-4-5-8-vs-7</i>	^{all} 0.501 ± 0.010	^{6,7} 0.580 ± 0.079	^{6,7} 0.588 ± 0.086	^{5,6,7} 0.596 ± 0.086	^{6,7} 0.594 ± 0.091	⁷ 0.653 ± 0.104	⁶ 0.651 ± 0.098
<i>ecoli-0-1-4-7-vs-5-6</i>	¹ 0.865 ± 0.098	¹ 0.907 ± 0.070	¹ 0.908 ± 0.067	¹ 0.894 ± 0.078	¹ 0.889 ± 0.083	^{all} 0.897 ± 0.061	^{1,2,3,4,5} 0.894 ± 0.059
<i>yeast-2-vs-8</i>	^{6,7} 0.774 ± 0.114	^{6,7} 0.784 ± 0.122	^{2,6,7} 0.790 ± 0.112	⁷ 0.773 ± 0.116	⁷ 0.776 ± 0.111	⁷ 0.783 ± 0.111	⁷ 0.787 ± 0.105
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,4,5} 0.892 ± 0.042	^{1,4,5} 0.896 ± 0.039	^{2,6} 0.894 ± 0.041	⁷ 0.897 ± 0.039	⁷ 0.901 ± 0.038	⁷ 0.889 ± 0.033	⁶ 0.882 ± 0.031
<i>glass2</i>	^{3,7} 0.547 ± 0.083	^{3,7} 0.710 ± 0.131	⁷ 0.703 ± 0.111	⁷ 0.755 ± 0.106	^{1,3,6,7} 0.757 ± 0.103	⁷ 0.721 ± 0.095	⁷ 0.721 ± 0.095
	¹	¹	¹	^{1,2,3,6,7}	^{all}	¹	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	5.232	5.207	3.402	3.988	4.329	4.280
	—	1,4,5,6	1,4,5	1	1,4	1,4	1

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	0.637 ± 0.192	0.618 ± 0.208	0.753 ± 0.095	0.733 ± 0.092	0.678 ± 0.090	0.674 ± 0.092
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.852 ± 0.116	¹ 0.894 ± 0.079	¹ 0.892 ± 0.078	^{all} 0.869 ± 0.085	^{1,2,3,6,7} 0.867 ± 0.088	¹ 0.891 ± 0.085	¹ 0.884 ± 0.080
<i>shuttle-c2-vs-c4</i>	^{3,7} 0.182 ± 0.369	^{3,7} 0.994 ± 0.041	⁷ 0.994 ± 0.041	^{1,6} 0.722 ± 0.433	^{1,6} 0.762 ± 0.410	^{1,7} 0.571 ± 0.473	^{1,6} 0.782 ± 0.397
<i>glass-0-1-4-6-vs-2</i>	^{1,4,5,6,7} 0.098 ± 0.210	^{1,4,5,6,7} 0.660 ± 0.183	^{1,4,5,6,7} 0.636 ± 0.225	^{1,6} 0.739 ± 0.120	^{1,6} 0.724 ± 0.141	¹ 0.693 ± 0.103	^{1,6} 0.693 ± 0.102
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.041 ± 0.122	¹ 0.515 ± 0.205	¹ 0.545 ± 0.183	^{1,3,5,6,7} 0.573 ± 0.173	^{1,2,3,6,7} 0.550 ± 0.217	¹ 0.660 ± 0.118	¹ 0.677 ± 0.115
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.873 ± 0.105	¹ 0.913 ± 0.083	¹ 0.911 ± 0.082	^{1,2} 0.892 ± 0.092	¹ 0.894 ± 0.088	^{1,2,3,4,5} 0.894 ± 0.089	^{1,2,3,4,5} 0.898 ± 0.089
<i>glass-0-1-6-vs-5</i>	^{3,4,5,6,7} 0.459 ± 0.368	^{3,4,5,6,7} 0.844 ± 0.247	^{6,7} 0.839 ± 0.248	¹ 0.794 ± 0.269	¹ 0.780 ± 0.266	^{4,5} 0.813 ± 0.246	^{4,5} 0.821 ± 0.245
<i>yeast-2-vs-4</i>	^{1,5,7} 0.797 ± 0.083	^{1,5,7} 0.868 ± 0.072	^{1,5,7} 0.871 ± 0.070	¹ 0.822 ± 0.076	¹ 0.831 ± 0.078	^{1,5} 0.884 ± 0.066	^{1,6} 0.883 ± 0.057
<i>glass-0-6-vs-5</i>	^{1,4,5} 0.521 ± 0.407	^{1,4,5} 0.885 ± 0.244	^{1,4,5} 0.912 ± 0.171	¹ 0.725 ± 0.320	¹ 0.734 ± 0.325	^{all} 0.730 ± 0.323	^{1,4,5} 0.810 ± 0.273
<i>ecoli-0-3-4-6-vs-5</i>	^{1,4,5,6} 0.883 ± 0.108	^{1,4,5,6} 0.910 ± 0.098	^{1,4,5,6,7} 0.907 ± 0.098	¹ 0.889 ± 0.098	¹ 0.893 ± 0.100	¹ 0.895 ± 0.100	¹ 0.891 ± 0.099
<i>yeast-0-3-5-9-vs-7-8</i>	^{3,4,5,6,7} 0.533 ± 0.123	^{3,4,5,6,7} 0.682 ± 0.080	^{4,5,6,7} 0.684 ± 0.078	¹ 0.554 ± 0.136	^{1,7} 0.556 ± 0.125	⁷ 0.707 ± 0.076	⁴ 0.713 ± 0.060
<i>glass-0-1-5-vs-2</i>	^{1,4,5} 0.161 ± 0.246	^{1,4,5} 0.612 ± 0.248	^{1,2,4,5} 0.610 ± 0.247	¹ 0.706 ± 0.166	¹ 0.707 ± 0.140	^{1,2,3,4,5} 0.639 ± 0.130	^{1,2,3,4,5} 0.641 ± 0.128
<i>ecoli-0-6-7-vs-5</i>	¹ 0.814 ± 0.139	¹ 0.858 ± 0.116	¹ 0.862 ± 0.114	^{1,2,3,6,7} 0.854 ± 0.120	^{all} 0.850 ± 0.118	¹ 0.860 ± 0.109	¹ 0.855 ± 0.110
<i>ecoli-0-2-3-4-vs-5</i>	^{4,7} 0.878 ± 0.100	^{4,7} 0.906 ± 0.089	⁷ 0.903 ± 0.088	¹ 0.900 ± 0.088	¹ 0.901 ± 0.089	^{4,7} 0.902 ± 0.089	¹ 0.897 ± 0.087
<i>ecoli4</i>	^{3,6,7} 0.879 ± 0.124	^{3,6,7} 0.908 ± 0.116	⁷ 0.908 ± 0.116	⁷ 0.916 ± 0.104	⁷ 0.932 ± 0.091	^{4,5,7} 0.927 ± 0.086	¹ 0.927 ± 0.082
<i>yeast5</i>	^{2,3} 0.798 ± 0.083	^{1,2,3,6,7} 0.932 ± 0.053	¹ 0.931 ± 0.057	¹ 0.922 ± 0.067	¹ 0.937 ± 0.056	^{1,4} 0.974 ± 0.017	^{1,6} 0.972 ± 0.018
<i>ecoli-0-4-6-vs-5</i>	¹ 0.892 ± 0.095	¹ 0.910 ± 0.091	¹ 0.909 ± 0.090	¹ 0.896 ± 0.088	¹ 0.900 ± 0.091	^{all} 0.896 ± 0.090	^{1,2,3,4,5} 0.893 ± 0.090
<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} 0.895 ± 0.075	^{4,5,6,7} 0.870 ± 0.099	^{1,7} 0.450 ± 0.205	^{1,7} 0.542 ± 0.176	^{1,7} 0.873 ± 0.068	¹ 0.876 ± 0.052
<i>ecoli-0-1-vs-5</i>	⁴ 0.879 ± 0.104	^{1,4,5,6,7} 0.913 ± 0.083	^{1,4,5} 0.912 ± 0.082	¹ 0.894 ± 0.092	⁴ 0.900 ± 0.084	^{1,4,5} 0.910 ± 0.083	^{1,4,5} 0.911 ± 0.082
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,6,7} 0.747 ± 0.192	^{1,6,7} 0.841 ± 0.106	^{1,4,5,6,7} 0.861 ± 0.093	¹ 0.807 ± 0.136	¹ 0.813 ± 0.127	^{1,7} 0.823 ± 0.100	¹ 0.817 ± 0.093
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	⁶ 0.805 ± 0.133	⁶ 0.833 ± 0.098	^{6,7} 0.836 ± 0.098	^{2,3,6,7} 0.845 ± 0.099	^{2,3,6,7} 0.842 ± 0.099	⁷ 0.821 ± 0.091	¹ 0.820 ± 0.086
<i>shuttle-c0-vs-c4</i>	⁶ 0.996 ± 0.008	⁶ 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	¹ 0.995 ± 0.008
<i>ecoli-0-6-7-vs-3-5</i>	^{1,6,7} 0.750 ± 0.159	^{1,6,7} 0.826 ± 0.127	^{1,4,5,6,7} 0.847 ± 0.120	¹ 0.802 ± 0.129	¹ 0.805 ± 0.130	^{1,7} 0.817 ± 0.112	¹ 0.821 ± 0.101
<i>vowel0</i>	⁶ 0.969 ± 0.041	⁶ 0.999 ± 0.002	^{1,6,7} 0.999 ± 0.002	¹ 0.778 ± 0.091	¹ 0.887 ± 0.072	¹ 0.975 ± 0.030	^{1,6} 0.965 ± 0.033
<i>glass4</i>	^{4,5} 0.641 ± 0.310	^{1,4,5,6,7} 0.875 ± 0.243	^{1,4,5,6,7} 0.875 ± 0.243	¹ 0.735 ± 0.230	⁴ 0.741 ± 0.254	^{4,5} 0.808 ± 0.139	^{4,5} 0.824 ± 0.175
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,4,5,6,7} 0.532 ± 0.164	^{1,4,5,6,7} 0.793 ± 0.071	^{1,4,5,6,7} 0.793 ± 0.070	¹ 0.768 ± 0.066	¹ 0.775 ± 0.060	¹ 0.793 ± 0.050	^{1,4} 0.789 ± 0.045
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,3,4,5} 0.719 ± 0.058	^{1,3,4,5} 0.784 ± 0.055	^{1,4,5} 0.779 ± 0.053	¹ 0.732 ± 0.072	¹ 0.748 ± 0.071	^{1,4,7} 0.765 ± 0.043	¹ 0.765 ± 0.039
<i>ecoli-0-1-vs-2-3-5</i>	^{1,4,5,6,7} 0.807 ± 0.125	^{all} 0.867 ± 0.111	^{1,4,5,6,7} 0.866 ± 0.108	¹ 0.836 ± 0.110	^{1,4} 0.842 ± 0.106	^{1,4} 0.837 ± 0.108	^{1,4} 0.829 ± 0.111
<i>ecoli-0-3-4-vs-5</i>	^{1,7} 0.888 ± 0.132	^{1,7} 0.905 ± 0.122	^{1,7} 0.902 ± 0.121	⁷ 0.901 ± 0.126	^{1,6,7} 0.900 ± 0.126	^{4,7} 0.900 ± 0.124	¹ 0.896 ± 0.121
<i>glass5</i>	^{3,6,7} 0.394 ± 0.387	^{3,6,7} 0.713 ± 0.376	⁷ 0.723 ± 0.379	^{6,7} 0.738 ± 0.324	⁷ 0.762 ± 0.328	⁷ 0.770 ± 0.288	¹ 0.804 ± 0.291
<i>yeast4</i>	¹ 0.288 ± 0.183	¹ 0.674 ± 0.108	¹ 0.681 ± 0.113	^{1,3} 0.711 ± 0.098	^{1,3} 0.713 ± 0.097	^{1,4,5} 0.804 ± 0.075	¹ 0.814 ± 0.071
<i>glass-0-4-vs-5</i>	¹ 0.560 ± 0.419	¹ 0.969 ± 0.072	¹ 0.981 ± 0.048	^{1,2} 0.784 ± 0.267	^{1,2} 0.807 ± 0.269	^{1,2,3,4,5} 0.871 ± 0.213	^{1,2,3,4,5} 0.888 ± 0.207
<i>yeast6</i>	^{1,4,5,6,7} 0.707 ± 0.136	^{1,4,5,6,7} 0.784 ± 0.129	^{1,4,5,6,7} 0.787 ± 0.130	¹ 0.819 ± 0.115	¹ 0.829 ± 0.101	¹ 0.875 ± 0.061	^{1,4,5} 0.872 ± 0.060
<i>page-blocks-1-3-vs-4</i>	¹ 0.789 ± 0.138	¹ 0.925 ± 0.081	¹ 0.926 ± 0.081	^{1,2,3} 0.708 ± 0.164	^{1,2,3} 0.761 ± 0.132	^{all} 0.924 ± 0.068	^{1,2,3,4,5} 0.908 ± 0.091
<i>yeast-1-vs-7</i>	⁴ 0.142 ± 0.199	^{1,4,5,7} 0.553 ± 0.192	^{1,4,5,7} 0.583 ± 0.187	¹ 0.594 ± 0.129	⁴ 0.545 ± 0.174	^{1,4,5} 0.669 ± 0.115	^{1,4,5} 0.681 ± 0.111
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.741 ± 0.387	¹ 0.733 ± 0.382	^{1,5} 0.734 ± 0.383	¹ 0.738 ± 0.387	¹ 0.734 ± 0.383	^{1,2,3,4,5} 0.519 ± 0.404	^{1,2,3,4,5} 0.718 ± 0.373
<i>yeast-1-4-5-8-vs-7</i>	^{all} 0.008 ± 0.056	^{6,7} 0.416 ± 0.200	^{6,7} 0.434 ± 0.211	^{2,3,5,6,7} 0.530 ± 0.156	^{6,7} 0.531 ± 0.160	¹ 0.637 ± 0.137	⁶ 0.637 ± 0.130
<i>ecoli-0-1-4-7-vs-5-6</i>	¹ 0.844 ± 0.132	¹ 0.901 ± 0.078	¹ 0.902 ± 0.074	^{1,2,3} 0.884 ± 0.088	^{1,2,3} 0.878 ± 0.094	^{all} 0.893 ± 0.065	^{1,2,3,4,5} 0.891 ± 0.062
<i>yeast-2-vs-8</i>	^{6,7} 0.718 ± 0.181	^{6,7} 0.735 ± 0.187	^{2,6,7} 0.754 ± 0.151	¹ 0.718 ± 0.181	¹ 0.728 ± 0.154	⁷ 0.753 ± 0.168	¹ 0.767 ± 0.131
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,4,5} 0.885 ± 0.047	^{1,4,5} 0.893 ± 0.043	^{2,6} 0.890 ± 0.045	¹ 0.892 ± 0.043	¹ 0.896 ± 0.042	¹ 0.888 ± 0.034	^{1,4,5,6} 0.881 ± 0.032
<i>glass2</i>	^{3,7} 0.201 ± 0.271	^{3,7} 0.651 ± 0.217	⁷ 0.653 ± 0.184	⁷ 0.748 ± 0.109	^{1,7} 0.749 ± 0.105	⁷ 0.708 ± 0.093	¹ 0.708 ± 0.093
	¹	¹	¹	^{1,2,3,6,7}	^{all}	^{1,3}	^{1,3}

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	5.037	5.037	3.341	3.939	4.671	4.524
	—	1,4,5	1,4,5	1	1,4	1,4,5	1,4

Table 12: Results for mean ranks according to GMEAN metric