

Dataset	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.750 ± 0.158	0.904 ± 0.142	0.905 ± 0.142	0.779 ± 0.148	0.843 ± 0.163	0.772 ± 0.147	0.854 ± 0.163
<i>ecoli-0-2-3-4-vs-5</i>	[—] 0.890 ± 0.083	^{1,4,5,6,7} 0.910 ± 0.078	^{1,4,5,6,7} 0.908 ± 0.078	⁶ 0.908 ± 0.079	^{1,6} 0.907 ± 0.078	[—] 0.904 ± 0.082	^{1,4,6} 0.909 ± 0.080
<i>glass-0-1-6-vs-2</i>	0.522 ± 0.062	0.676 ± 0.132	0.643 ± 0.124	0.712 ± 0.136	0.739 ± 0.101	0.739 ± 0.121	⁴ 0.750 ± 0.105
<i>ecoli-0-1-vs-5</i>	[—] 0.891 ± 0.089	^{1,3} 0.918 ± 0.074	¹ 0.916 ± 0.073	^{1,3} 0.906 ± 0.078	^{1,2,3} 0.914 ± 0.077	^{1,2,3} 0.910 ± 0.080	^{1,2,3,5} 0.918 ± 0.074
<i>yeast-1-4-5-8-vs-7</i>	[—] 0.501 ± 0.010	³ 0.547 ± 0.075	^{4,5,6} 0.553 ± 0.077	[—] 0.556 ± 0.081	[—] 0.593 ± 0.081	[—] 0.583 ± 0.091	³ 0.614 ± 0.086
<i>ecoli4</i>	[—] 0.894 ± 0.100	¹ 0.918 ± 0.094	¹ 0.917 ± 0.094	¹ 0.925 ± 0.090	^{1,2,3,4} 0.933 ± 0.086	^{1,2,3,4} 0.925 ± 0.097	^{1,2,3,4,6} 0.931 ± 0.086
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[—] 0.635 ± 0.077	[—] 0.899 ± 0.066	[—] 0.857 ± 0.121	^{2,3,6} 0.585 ± 0.091	^{2,3,4,7} 0.657 ± 0.088	^{2,3} 0.842 ± 0.102	^{2,3,4,6} 0.837 ± 0.142
<i>glass5</i>	⁴ 0.648 ± 0.165	^{1,3,4,5,6} 0.823 ± 0.196	^{1,4,5} 0.823 ± 0.203	[—] 0.824 ± 0.187	^{1,4} 0.870 ± 0.172	^{1,4,5} 0.787 ± 0.192	^{1,4,5} 0.871 ± 0.173
<i>ecoli-0-3-4-6-vs-5</i>	[—] 0.895 ± 0.094	^{1,6} 0.908 ± 0.089	^{1,6} 0.906 ± 0.089	^{1,6} 0.893 ± 0.087	¹ 0.901 ± 0.093	¹ 0.891 ± 0.094	¹ 0.898 ± 0.093
<i>yeast-0-5-6-7-9-vs-4</i>	^{4,6} 0.649 ± 0.074	[—] 0.793 ± 0.065	[—] 0.797 ± 0.061	[—] 0.764 ± 0.062	¹ 0.795 ± 0.053	[—] 0.774 ± 0.066	¹ 0.803 ± 0.055
<i>yeast6</i>	[—] 0.757 ± 0.091	^{1,4,6} 0.821 ± 0.087	^{1,4,6} 0.818 ± 0.083	¹ 0.821 ± 0.083	^{1,4,6} 0.835 ± 0.086	¹ 0.835 ± 0.084	^{1,4,6} 0.843 ± 0.079
<i>ecoli-0-6-7-vs-5</i>	[—] 0.840 ± 0.108	^{1,3} 0.876 ± 0.101	¹ 0.865 ± 0.100	^{1,3} 0.865 ± 0.098	^{1,2,3} 0.869 ± 0.105	^{1,3} 0.868 ± 0.096	^{1,3} 0.867 ± 0.104
<i>glass-0-1-6-vs-5</i>	[—] 0.668 ± 0.151	³ 0.868 ± 0.157	[—] 0.853 ± 0.165	[—] 0.794 ± 0.175	^{3,4,6,7} 0.898 ± 0.145	^{3,7} 0.795 ± 0.175	^{3,4} 0.897 ± 0.145
<i>ecoli-0-1-3-7-vs-2-6</i>	[—] 0.850 ± 0.200	^{1,4} 0.841 ± 0.197	¹ 0.843 ± 0.198	¹ 0.849 ± 0.200	^{1,4} 0.840 ± 0.205	¹ 0.844 ± 0.203	¹ 0.837 ± 0.202
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{2,3,5,6,7} 0.756 ± 0.042	⁷ 0.790 ± 0.041	⁷ 0.788 ± 0.042	^{2,3,5,6,7} 0.759 ± 0.052	[—] 0.789 ± 0.047	⁷ 0.751 ± 0.054	[—] 0.782 ± 0.049
<i>ecoli-0-1-4-7-vs-5-6</i>	[—] 0.865 ± 0.098	^{1,4,6} 0.894 ± 0.085	^{1,4,6} 0.894 ± 0.076	[—] 0.888 ± 0.081	^{1,4,6} 0.900 ± 0.076	[—] 0.892 ± 0.077	^{1,4,6} 0.899 ± 0.078
<i>yeast5</i>	[—] 0.821 ± 0.064	[—] 0.929 ± 0.052	[—] 0.929 ± 0.048	[—] 0.906 ± 0.064	^{2,3,6,7} 0.938 ± 0.052	⁴ 0.910 ± 0.061	^{2,3} 0.930 ± 0.053
<i>shuttle-c2-vs-c4</i>	[—] 0.585 ± 0.177	^{1,6} 0.995 ± 0.034	^{1,6} 0.995 ± 0.034	¹ 0.715 ± 0.229	^{1,4,6} 0.950 ± 0.141	^{1,4} 0.725 ± 0.230	^{1,4,6} 0.950 ± 0.141
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[—] 0.833 ± 0.100	^{1,4,6} 0.852 ± 0.077	^{1,4,6} 0.857 ± 0.076	¹ 0.855 ± 0.082	^{1,4,6} 0.858 ± 0.082	¹ 0.856 ± 0.083	^{1,4,6} 0.857 ± 0.078
<i>yeast-0-3-5-9-vs-7-8</i>	[—] 0.641 ± 0.058	[—] 0.707 ± 0.064	¹ 0.697 ± 0.070	² 0.629 ± 0.053	^{2,3,4,7} 0.659 ± 0.062	² 0.641 ± 0.051	^{2,3,4} 0.666 ± 0.065
<i>yeast-1-vs-7</i>	[—] 0.529 ± 0.043	^{all} 0.631 ± 0.098	^{1,4,5,6,7} 0.634 ± 0.099	[—] 0.620 ± 0.087	^{1,4,6} 0.632 ± 0.101	[—] 0.642 ± 0.092	^{1,4,6} 0.652 ± 0.101
<i>yeast-1-2-8-9-vs-7</i>	[—] 0.508 ± 0.024	¹ 0.623 ± 0.085	^{1,2} 0.634 ± 0.088	¹ 0.574 ± 0.075	¹ 0.643 ± 0.092	^{1,4} 0.610 ± 0.093	^{1,4} 0.676 ± 0.083
<i>ecoli-0-1-4-6-vs-5</i>	[—] 0.886 ± 0.091	^{1,4} 0.914 ± 0.073	^{1,4} 0.913 ± 0.077	¹ 0.899 ± 0.087	^{1,4,6} 0.909 ± 0.075	^{1,4} 0.898 ± 0.088	^{1,2,3,4,6} 0.909 ± 0.075
<i>glass-0-1-5-vs-2</i>	[—] 0.533 ± 0.066	[—] 0.670 ± 0.135	[—] 0.658 ± 0.131	[—] 0.708 ± 0.138	[—] 0.739 ± 0.108	[—] 0.715 ± 0.119	[—] 0.733 ± 0.111
<i>yeast-2-vs-4</i>	[—] 0.820 ± 0.066	^{1,3} 0.873 ± 0.061	¹ 0.873 ± 0.062	^{1,2,3} 0.835 ± 0.063	^{1,2,3} 0.852 ± 0.064	^{1,2,3} 0.844 ± 0.066	^{1,2,3} 0.856 ± 0.065
<i>glass-0-6-vs-5</i>	[—] 0.714 ± 0.194	^{1,4,5,6,7} 0.950 ± 0.086	^{1,4,5,6,7} 0.945 ± 0.103	[—] 0.767 ± 0.183	¹ 0.900 ± 0.133	[—] 0.791 ± 0.169	^{1,4} 0.905 ± 0.131
<i>glass2</i>	[—] 0.547 ± 0.083	^{1,4,5,6} 0.707 ± 0.129	^{1,4,6} 0.712 ± 0.116	[—] 0.735 ± 0.129	^{1,4,6} 0.760 ± 0.118	[—] 0.735 ± 0.126	^{1,4,6} 0.748 ± 0.119
<i>yeast-2-vs-8</i>	[—] 0.774 ± 0.114	¹ 0.774 ± 0.106	¹ 0.786 ± 0.105	¹ 0.773 ± 0.115	^{1,2,3,6} 0.771 ± 0.116	^{1,2,3} 0.773 ± 0.115	^{1,2,3} 0.772 ± 0.114
<i>vowel0</i>	^{2,5,7} 0.970 ± 0.038	^{4,5,6,7} 0.990 ± 0.026	[—] 0.991 ± 0.026	^{5,7} 0.836 ± 0.060	[—] 0.948 ± 0.058	^{5,7} 0.914 ± 0.061	[—] 0.952 ± 0.054
<i>glass-0-4-vs-5</i>	^{4,5,6,7} 0.744 ± 0.204	^{1,4,5,6,7} 0.956 ± 0.096	^{1,4,5,6,7} 0.959 ± 0.091	[—] 0.835 ± 0.164	^{4,6} 0.957 ± 0.075	⁴ 0.842 ± 0.177	^{4,5,6} 0.941 ± 0.088
<i>glass-0-1-4-6-vs-2</i>	[—] 0.518 ± 0.062	^{1,4,6,7} 0.700 ± 0.131	^{1,4,6,7} 0.691 ± 0.140	[—] 0.697 ± 0.133	^{1,4,6} 0.739 ± 0.125	[—] 0.723 ± 0.113	^{1,4} 0.728 ± 0.128
<i>yeast4</i>	[—] 0.555 ± 0.043	¹ 0.717 ± 0.076	¹ 0.718 ± 0.080	¹ 0.716 ± 0.060	^{1,3} 0.740 ± 0.069	¹ 0.736 ± 0.075	¹ 0.770 ± 0.065
<i>ecoli-0-4-6-vs-5</i>	[—] 0.901 ± 0.084	¹ 0.916 ± 0.081	^{1,2} 0.912 ± 0.082	¹ 0.907 ± 0.079	^{1,2,4} 0.907 ± 0.082	¹ 0.908 ± 0.080	^{all} 0.908 ± 0.083
<i>page-blocks-1-3-vs-4</i>	[—] 0.818 ± 0.106	^{3,4,5,6,7} 0.912 ± 0.091	[—] 0.903 ± 0.094	¹ 0.771 ± 0.106	¹ 0.837 ± 0.086	^{1,5} 0.806 ± 0.111	¹ 0.838 ± 0.091
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	⁴ 0.892 ± 0.042	^{1,4,5,6,7} 0.896 ± 0.038	^{1,4,5,6,7} 0.895 ± 0.039	[—] 0.898 ± 0.041	^{4,6} 0.902 ± 0.041	⁴ 0.894 ± 0.041	^{1,4,5,6} 0.899 ± 0.040
<i>ecoli-0-1-vs-2-3-5</i>	[—] 0.833 ± 0.093	³ 0.877 ± 0.089	[—] 0.873 ± 0.090	⁶ 0.850 ± 0.092	¹ 0.857 ± 0.089	[—] 0.855 ± 0.089	[—] 0.853 ± 0.087
<i>ecoli-0-6-7-vs-3-5</i>	[—] 0.792 ± 0.119	¹ 0.863 ± 0.099	¹ 0.866 ± 0.095	¹ 0.827 ± 0.104	⁷ 0.830 ± 0.108	^{1,7} 0.835 ± 0.098	[—] 0.837 ± 0.100
<i>ecoli-0-3-4-7-vs-5-6</i>	[—] 0.869 ± 0.097	¹ 0.893 ± 0.075	¹ 0.893 ± 0.076	[—] 0.874 ± 0.082	[—] 0.898 ± 0.078	[—] 0.893 ± 0.073	[—] 0.903 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	[—] 0.797 ± 0.125	[—] 0.859 ± 0.091	[—] 0.862 ± 0.081	[—] 0.832 ± 0.102	^{2,3,6} 0.829 ± 0.101	[—] 0.847 ± 0.088	^{2,3,4,6} 0.839 ± 0.096
<i>shuttle-c0-vs-c4</i>	[—] 0.996 ± 0.008	^{1,5} 0.996 ± 0.008	^{1,5} 0.996 ± 0.008	⁵ 0.996 ± 0.008	[—] 0.996 ± 0.008	^{1,5,7} 0.996 ± 0.008	[—] 0.996 ± 0.008
<i>ecoli-0-3-4-vs-5</i>	[—] 0.903 ± 0.105	[—] 0.912 ± 0.099	[—] 0.910 ± 0.099	[—] 0.911 ± 0.104	[—] 0.914 ± 0.103	[—] 0.909 ± 0.101	[—] 0.909 ± 0.106

Table 1: Results for BAC metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.659	5.012	4.841	2.780	5.024	3.415	5.268
	—	1,4,6	1,4,6	1	1,4,6	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>glass4</i>	0.572 ± 0.309	0.660 ± 0.240	0.671 ± 0.240	0.535 ± 0.244	0.580 ± 0.251	0.517 ± 0.247	0.593 ± 0.253
<i>ecoli-0-2-3-4-vs-5</i>	^{4,6} 0.852 ± 0.121	^{4,5,6,7} 0.806 ± 0.127	^{4,5,6,7} 0.793 ± 0.130	⁶ 0.835 ± 0.132	⁶ 0.815 ± 0.124	[—] 0.823 ± 0.133	⁶ 0.810 ± 0.130
<i>glass-0-1-6-vs-2</i>	^{2,3,5,7} 0.088 ± 0.169	[—] 0.321 ± 0.161	[—] 0.277 ± 0.144	^{3,7} 0.336 ± 0.135	[—] 0.326 ± 0.093	³ 0.332 ± 0.106	[—] 0.337 ± 0.095
<i>ecoli-0-1-vs-5</i>	[—] 0.855 ± 0.117	^{1,3} 0.847 ± 0.105	¹ 0.827 ± 0.105	^{1,3} 0.875 ± 0.105	¹ 0.868 ± 0.110	^{1,3} 0.876 ± 0.108	^{1,3,5} 0.870 ± 0.106
<i>yeast-1-4-5-8-vs-7</i>	[—] 0.004 ± 0.031	³ 0.113 ± 0.102	[—] 0.121 ± 0.100	³ 0.121 ± 0.100	³ 0.144 ± 0.064	^{2,3} 0.142 ± 0.087	³ 0.154 ± 0.065
<i>ecoli4</i>	[—] 0.853 ± 0.143	¹ 0.773 ± 0.144	¹ 0.759 ± 0.144	¹ 0.874 ± 0.129	^{1,2,3} 0.838 ± 0.131	^{1,2} 0.844 ± 0.148	^{1,2,3,4} 0.819 ± 0.132
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{2,3} 0.388 ± 0.185	[—] 0.675 ± 0.087	[—] 0.619 ± 0.170	^{2,3,5,6,7} 0.249 ± 0.219	^{2,3,7} 0.397 ± 0.178	^{2,3,7} 0.679 ± 0.137	^{2,3} 0.624 ± 0.202
<i>glass5</i>	⁴ 0.325 ± 0.332	^{1,4,5} 0.524 ± 0.308	^{1,4,5} 0.527 ± 0.325	[—] 0.519 ± 0.294	⁴ 0.500 ± 0.229	^{1,3,4,5} 0.468 ± 0.293	^{1,4,5} 0.515 ± 0.237
<i>ecoli-0-3-4-6-vs-5</i>	[—] 0.853 ± 0.140	^{1,6} 0.798 ± 0.136	^{1,6} 0.786 ± 0.132	^{1,6} 0.784 ± 0.151	¹ 0.781 ± 0.157	[—] 0.783 ± 0.162	¹ 0.777 ± 0.159
<i>yeast-0-5-6-7-9-vs-4</i>	^{all} 0.405 ± 0.157	[—] 0.552 ± 0.090	[—] 0.545 ± 0.081	[—] 0.561 ± 0.098	[—] 0.559 ± 0.080	[—] 0.523 ± 0.090	[—] 0.535 ± 0.081
<i>yeast6</i>	[—] 0.553 ± 0.158	^{1,6} 0.486 ± 0.116	^{1,6} 0.474 ± 0.115	^{1,6} 0.545 ± 0.126	^{1,6,7} 0.512 ± 0.118	¹ 0.496 ± 0.103	¹ 0.472 ± 0.110
<i>ecoli-0-6-7-vs-5</i>	^{2,3,5,6,7} 0.774 ± 0.170	³ 0.717 ± 0.163	[—] 0.677 ± 0.159	^{2,3,5,6,7} 0.782 ± 0.161	^{2,3,7} 0.755 ± 0.172	⁷ 0.777 ± 0.153	[—] 0.740 ± 0.166
<i>glass-0-1-6-vs-5</i>	^{2,3,7} 0.332 ± 0.282	³ 0.585 ± 0.253	[—] 0.564 ± 0.263	^{2,3,5,7} 0.496 ± 0.285	^{2,3,7} 0.589 ± 0.237	^{2,3,5,7} 0.498 ± 0.279	³ 0.587 ± 0.236
<i>ecoli-0-1-3-7-vs-2-6</i>	[—] 0.727 ± 0.386	^{1,4} 0.549 ± 0.336	¹ 0.580 ± 0.348	¹ 0.713 ± 0.383	^{1,4} 0.617 ± 0.368	¹ 0.675 ± 0.369	^{1,4} 0.544 ± 0.335
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{2,3,5,7} 0.626 ± 0.075	[—] 0.557 ± 0.058	[—] 0.540 ± 0.057	^{2,3,5,7} 0.618 ± 0.091	[—] 0.623 ± 0.079	^{2,3,7} 0.607 ± 0.094	[—] 0.623 ± 0.085
<i>ecoli-0-1-4-7-vs-5-6</i>	^{2,3,6} 0.812 ± 0.160	³ 0.758 ± 0.136	[—] 0.746 ± 0.121	^{2,3} 0.827 ± 0.108	^{2,3} 0.832 ± 0.117	^{2,3} 0.799 ± 0.108	^{2,3} 0.813 ± 0.122
<i>yeast5</i>	^{2,3} 0.706 ± 0.114	[—] 0.701 ± 0.083	[—] 0.695 ± 0.085	^{2,3,6} 0.708 ± 0.090	^{2,3,6,7} 0.700 ± 0.084	^{2,3} 0.685 ± 0.088	^{2,3} 0.692 ± 0.089
<i>shuttle-c2-vs-c4</i>	⁶ 0.180 ± 0.366	⁶ 0.993 ± 0.046	[—] 0.993 ± 0.046	^{6,7} 0.453 ± 0.465	[—] 0.907 ± 0.275	[—] 0.473 ± 0.467	[—] 0.907 ± 0.275
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[—] 0.773 ± 0.159	^{1,4,6} 0.690 ± 0.110	^{1,4,6} 0.681 ± 0.109	¹ 0.800 ± 0.117	^{1,4,6} 0.769 ± 0.118	¹ 0.781 ± 0.116	^{1,4,6} 0.752 ± 0.115
<i>yeast-0-3-5-9-vs-7-8</i>	^{2,3} 0.397 ± 0.126	[—] 0.411 ± 0.091	[—] 0.389 ± 0.095	^{2,3,5,6,7} 0.370 ± 0.121	^{2,3,7} 0.396 ± 0.114	^{2,3} 0.387 ± 0.109	^{2,3} 0.397 ± 0.113
<i>yeast-1-vs-7</i>	[—] 0.101 ± 0.143	^{3,4} 0.277 ± 0.146	[—] 0.271 ± 0.139	[—] 0.254 ± 0.126	⁴ 0.243 ± 0.115	[—] 0.238 ± 0.097	[—] 0.247 ± 0.098
<i>yeast-1-2-8-9-vs-7</i>	[—] 0.026 ± 0.079	^{1,3,5,6} 0.225 ± 0.133	^{1,5,6} 0.235 ± 0.129	¹ 0.153 ± 0.124	¹ 0.186 ± 0.109	¹ 0.147 ± 0.087	¹ 0.199 ± 0.072
<i>ecoli-0-1-4-6-vs-5</i>	[—] 0.845 ± 0.127	^{1,4,5,6} 0.820 ± 0.102	^{1,4,5,6,7} 0.806 ± 0.108	¹ 0.846 ± 0.122	^{1,6} 0.838 ± 0.101	¹ 0.838 ± 0.130	^{1,4,6} 0.838 ± 0.101
<i>glass-0-1-5-vs-2</i>	³ 0.113 ± 0.179	[—] 0.326 ± 0.160	[—] 0.309 ± 0.156	³ 0.343 ± 0.138	³ 0.339 ± 0.096	³ 0.324 ± 0.101	³ 0.338 ± 0.098
<i>yeast-2-vs-4</i>	[—] 0.752 ± 0.104	^{1,3} 0.763 ± 0.089	¹ 0.754 ± 0.094	¹ 0.760 ± 0.094	¹ 0.769 ± 0.096	¹ 0.765 ± 0.099	¹ 0.762 ± 0.096
<i>glass-0-6-vs-5</i>	[—] 0.490 ± 0.393	[—] 0.837 ± 0.179	[—] 0.823 ± 0.213	[—] 0.610 ± 0.345	[—] 0.777 ± 0.234	[—] 0.641 ± 0.298	[—] 0.783 ± 0.230
<i>glass2</i>	[—] 0.152 ± 0.209	^{1,4,5,6} 0.364 ± 0.161	^{1,4,6} 0.365 ± 0.147	¹ 0.352 ± 0.134	^{1,4,6} 0.341 ± 0.114	¹ 0.313 ± 0.108	^{1,4,6} 0.328 ± 0.106
<i>yeast-2-vs-8</i>	[—] 0.661 ± 0.209	^{1,6,7} 0.493 ± 0.144	^{1,5,6,7} 0.486 ± 0.137	^{1,6} 0.661 ± 0.209	^{1,6} 0.632 ± 0.199	¹ 0.661 ± 0.209	¹ 0.616 ± 0.201
<i>vowel0</i>	^{2,3,5,7} 0.963 ± 0.046	[—] 0.974 ± 0.040	[—] 0.981 ± 0.032	^{2,3,5,7} 0.764 ± 0.093	^{2,3} 0.901 ± 0.076	^{2,3,5,7} 0.859 ± 0.082	^{2,3} 0.918 ± 0.071
<i>glass-0-4-vs-5</i>	^{4,5,6,7} 0.547 ± 0.415	^{1,4,5,6,7} 0.861 ± 0.193	^{1,4,5,6,7} 0.857 ± 0.198	[—] 0.693 ± 0.287	^{4,6} 0.841 ± 0.193	⁴ 0.676 ± 0.319	^{4,5,6} 0.816 ± 0.193
<i>glass-0-1-4-6-vs-2</i>	[—] 0.074 ± 0.165	^{1,4,6,7} 0.347 ± 0.161	^{1,4,6,7} 0.333 ± 0.175	[—] 0.318 ± 0.141	^{1,4,6} 0.324 ± 0.111	[—] 0.318 ± 0.109	^{1,4} 0.323 ± 0.119
<i>yeast4</i>	[—] 0.170 ± 0.122	^{1,4,6} 0.387 ± 0.114	¹ 0.373 ± 0.111	¹ 0.420 ± 0.106	¹ 0.411 ± 0.101	¹ 0.381 ± 0.101	¹ 0.385 ± 0.085
<i>ecoli-0-4-6-vs-5</i>	[—] 0.860 ± 0.134	^{1,3} 0.846 ± 0.135	¹ 0.816 ± 0.140	^{1,2,3,6,7} 0.808 ± 0.127	^{1,3,6,7} 0.800 ± 0.140	¹ 0.816 ± 0.129	¹ 0.805 ± 0.145
<i>page-blocks-1-3-vs-4</i>	^{3,4,5,6,7} 0.648 ± 0.152	^{3,4,5,6,7} 0.676 ± 0.134	[—] 0.681 ± 0.132	[—] 0.585 ± 0.176	[—] 0.651 ± 0.136	⁵ 0.616 ± 0.174	[—] 0.694 ± 0.152
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[—] 0.829 ± 0.059	^{4,6} 0.742 ± 0.053	^{4,6} 0.733 ± 0.056	[—] 0.822 ± 0.058	⁴ 0.798 ± 0.064	[—] 0.818 ± 0.057	^{1,4,5,6} 0.794 ± 0.061
<i>ecoli-0-1-vs-2-3-5</i>	^{all} 0.773 ± 0.150	³ 0.733 ± 0.121	[—] 0.725 ± 0.125	^{2,3,5,7} 0.800 ± 0.138	^{2,3} 0.786 ± 0.131	^{2,3,5,7} 0.802 ± 0.132	^{2,3} 0.772 ± 0.130
<i>ecoli-0-6-7-vs-3-5</i>	^{2,3} 0.689 ± 0.199	[—] 0.739 ± 0.165	[—] 0.729 ± 0.154	^{1,2,3,7} 0.725 ± 0.182	^{2,3,7} 0.714 ± 0.186	^{1,2,3,7} 0.722 ± 0.172	^{2,3} 0.711 ± 0.176
<i>ecoli-0-3-4-7-vs-5-6</i>	[—] 0.813 ± 0.131	[—] 0.757 ± 0.107	[—] 0.750 ± 0.113	[—] 0.797 ± 0.120	[—] 0.814 ± 0.111	[—] 0.791 ± 0.111	[—] 0.815 ± 0.112
<i>ecoli-0-2-6-7-vs-3-5</i>	^{2,3} 0.699 ± 0.217	[—] 0.727 ± 0.140	[—] 0.724 ± 0.115	^{2,3} 0.731 ± 0.174	^{2,3,6} 0.701 ± 0.162	^{2,3} 0.738 ± 0.146	^{2,3,6} 0.699 ± 0.159
<i>shuttle-c0-vs-c4</i>	[—] 0.996 ± 0.008	[—] 0.996 ± 0.008	[—] 0.996 ± 0.008	^{5,7} 0.995 ± 0.008	[—] 0.996 ± 0.008	^{5,7} 0.995 ± 0.008	[—] 0.996 ± 0.008
<i>ecoli-0-3-4-vs-5</i>	[—] 0.861 ± 0.162	[—] 0.812 ± 0.159	[—] 0.801 ± 0.157	[—] 0.834 ± 0.165	[—] 0.827 ± 0.171	[—] 0.833 ± 0.166	[—] 0.820 ± 0.174
	^{all}	[—]	[—]	[—]	[—]	³	[—]

Table 3: Results for F1 metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.585	4.305	3.476	4.549	4.390	3.744	3.951
	—	3	—	1,6	—	—	—

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>glass4</i>	0.728 ± 0.384	0.571 ± 0.260	0.587 ± 0.263	0.533 ± 0.290	0.517 ± 0.264	0.505 ± 0.287	0.527 ± 0.269
<i>ecoli-0-2-3-4-vs-5</i>	^{all} 0.960 ± 0.092	^{4,5,6,7} 0.805 ± 0.188	^{5,6} 0.782 ± 0.192	⁶ 0.867 ± 0.178	[—] 0.825 ± 0.176	[—] 0.848 ± 0.178	[—] 0.804 ± 0.170
<i>glass-0-1-6-vs-2</i>	^{all} 0.161 ± 0.334	[—] 0.243 ± 0.141	[—] 0.208 ± 0.121	^{2,3,5,7} 0.240 ± 0.113	[—] 0.211 ± 0.068	^{2,3,7} 0.217 ± 0.076	[—] 0.219 ± 0.067
<i>ecoli-0-1-vs-5</i>	[—] 0.972 ± 0.076	^{1,3,5,6} 0.868 ± 0.135	¹ 0.831 ± 0.144	^{1,5,6,7} 0.966 ± 0.085	¹ 0.926 ± 0.116	¹ 0.957 ± 0.092	^{1,5} 0.921 ± 0.120
<i>yeast-1-4-5-8-vs-7</i>	^{2,3} 0.007 ± 0.046	³ 0.090 ± 0.082	[—] 0.092 ± 0.076	^{2,3,5,7} 0.089 ± 0.075	^{2,3} 0.094 ± 0.043	^{2,3} 0.096 ± 0.062	^{2,3} 0.096 ± 0.041
<i>ecoli4</i>	[—] 0.973 ± 0.073	¹ 0.754 ± 0.193	¹ 0.729 ± 0.190	¹ 0.922 ± 0.118	¹ 0.832 ± 0.162	¹ 0.866 ± 0.153	¹ 0.803 ± 0.176
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{all} 0.782 ± 0.304	[—] 0.564 ± 0.090	[—] 0.533 ± 0.131	^{2,3,5,6,7} 0.511 ± 0.406	^{2,3,7} 0.498 ± 0.239	^{2,3,5,7} 0.705 ± 0.136	^{2,3} 0.583 ± 0.160
<i>glass5</i>	^{all} 0.377 ± 0.406	⁵ 0.464 ± 0.311	[—] 0.465 ± 0.322	[—] 0.466 ± 0.318	[—] 0.386 ± 0.208	^{2,3,4,5,7} 0.430 ± 0.326	^{3,5} 0.404 ± 0.222
<i>ecoli-0-3-4-6-vs-5</i>	[—] 0.946 ± 0.119	^{5,7} 0.787 ± 0.171	^{5,7} 0.766 ± 0.163	^{5,6} 0.773 ± 0.177	[—] 0.753 ± 0.180	[—] 0.776 ± 0.186	[—] 0.750 ± 0.184
<i>yeast-0-5-6-7-9-vs-4</i>	^{all} 0.647 ± 0.237	[—] 0.480 ± 0.096	[—] 0.463 ± 0.085	[—] 0.564 ± 0.123	[—] 0.493 ± 0.102	[—] 0.462 ± 0.106	[—] 0.443 ± 0.103
<i>yeast6</i>	^{all} 0.626 ± 0.178	^{3,7} 0.392 ± 0.105	[—] 0.379 ± 0.104	^{2,3,5,6,7} 0.475 ± 0.123	^{6,7} 0.416 ± 0.110	[—] 0.393 ± 0.088	[—] 0.363 ± 0.111
<i>ecoli-0-6-7-vs-5</i>	^{all} 0.953 ± 0.114	^{3,7} 0.693 ± 0.204	[—] 0.637 ± 0.196	^{2,3,5,6,7} 0.852 ± 0.181	^{3,7} 0.774 ± 0.201	⁷ 0.834 ± 0.181	[—] 0.749 ± 0.201
<i>glass-0-1-6-vs-5</i>	^{all} 0.373 ± 0.371	³ 0.514 ± 0.277	[—] 0.494 ± 0.275	^{2,3,5,7} 0.449 ± 0.290	^{2,3,7} 0.477 ± 0.232	^{2,3,5,7} 0.448 ± 0.280	³ 0.475 ± 0.233
<i>ecoli-0-1-3-7-vs-2-6</i>	[—] 0.790 ± 0.401	[—] 0.534 ± 0.383	[—] 0.573 ± 0.392	[—] 0.770 ± 0.402	[—] 0.614 ± 0.401	[—] 0.713 ± 0.401	[—] 0.520 ± 0.377
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{2,3,5,7} 0.779 ± 0.092	[—] 0.488 ± 0.061	[—] 0.459 ± 0.056	^{2,3,5,7} 0.737 ± 0.102	[—] 0.640 ± 0.091	^{2,3,7} 0.746 ± 0.107	[—] 0.656 ± 0.099
<i>ecoli-0-1-4-7-vs-5-6</i>	^{all} 0.967 ± 0.091	³ 0.749 ± 0.175	[—] 0.713 ± 0.162	^{2,3,5,7} 0.906 ± 0.122	^{2,3} 0.876 ± 0.143	^{2,3,5,7} 0.821 ± 0.131	^{2,3,5} 0.840 ± 0.151
<i>yeast5</i>	^{all} 0.794 ± 0.140	³ 0.591 ± 0.094	[—] 0.581 ± 0.093	^{2,3,6,7} 0.628 ± 0.096	^{2,3,6,7} 0.580 ± 0.090	^{2,3} 0.587 ± 0.093	^{2,3} 0.578 ± 0.100
<i>shuttle-c2-vs-c4</i>	^{all} 0.200 ± 0.400	[—] 1.000 ± 0.000	[—] 1.000 ± 0.000	^{2,3,5,6,7} 0.500 ± 0.500	[—] 0.920 ± 0.271	[—] 0.520 ± 0.499	[—] 0.920 ± 0.271
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[—] 0.979 ± 0.065	^{1,4,6} 0.672 ± 0.148	^{1,4,6} 0.648 ± 0.149	¹ 0.947 ± 0.106	^{1,4,6} 0.849 ± 0.131	¹ 0.888 ± 0.121	^{1,4,6} 0.812 ± 0.158
<i>yeast-0-3-5-9-vs-7-8</i>	^{2,3,5,6,7} 0.605 ± 0.176	³ 0.342 ± 0.086	[—] 0.316 ± 0.084	^{2,3,5,6,7} 0.592 ± 0.213	^{2,3,7} 0.449 ± 0.143	^{2,3,7} 0.567 ± 0.199	^{2,3} 0.417 ± 0.144
<i>yeast-1-vs-7</i>	^{2,3,5,7} 0.330 ± 0.464	³ 0.249 ± 0.140	[—] 0.230 ± 0.120	^{2,3,5,7} 0.228 ± 0.128	^{2,3,7} 0.190 ± 0.109	^{2,3,5,7} 0.169 ± 0.086	^{2,3} 0.172 ± 0.071
<i>yeast-1-2-8-9-vs-7</i>	[—] 0.070 ± 0.223	^{3,5,6,7} 0.191 ± 0.122	^{5,6,7} 0.195 ± 0.112	^{5,6,7} 0.138 ± 0.128	[—] 0.132 ± 0.098	[—] 0.098 ± 0.061	[—] 0.129 ± 0.049
<i>ecoli-0-1-4-6-vs-5</i>	[—] 0.960 ± 0.100	^{1,4,5,6,7} 0.825 ± 0.148	^{1,4,5,6,7} 0.797 ± 0.148	^{1,6} 0.921 ± 0.125	^{1,6} 0.877 ± 0.134	¹ 0.900 ± 0.138	^{1,6} 0.877 ± 0.134
<i>glass-0-1-5-vs-2</i>	^{2,3,5,6,7} 0.186 ± 0.333	[—] 0.250 ± 0.122	[—] 0.235 ± 0.119	^{2,3,7} 0.240 ± 0.099	^{2,3} 0.220 ± 0.070	^{2,3} 0.213 ± 0.072	^{2,3} 0.221 ± 0.069
<i>yeast-2-vs-4</i>	[—] 0.922 ± 0.095	^{1,3,5,6,7} 0.769 ± 0.113	¹ 0.746 ± 0.114	^{1,6} 0.877 ± 0.098	¹ 0.842 ± 0.106	¹ 0.863 ± 0.118	¹ 0.816 ± 0.124
<i>glass-0-6-vs-5</i>	^{all} 0.600 ± 0.469	³ 0.815 ± 0.237	[—] 0.795 ± 0.262	^{2,3,5,7} 0.740 ± 0.402	^{2,3,7} 0.792 ± 0.275	^{2,3,7} 0.770 ± 0.358	^{2,3} 0.795 ± 0.272
<i>glass2</i>	[—] 0.260 ± 0.387	¹ 0.291 ± 0.140	¹ 0.285 ± 0.131	[—] 0.251 ± 0.105	¹ 0.224 ± 0.085	¹ 0.203 ± 0.074	¹ 0.215 ± 0.076
<i>yeast-2-vs-8</i>	[—] 0.908 ± 0.200	^{4,5,6,7} 0.485 ± 0.207	^{4,5,6,7} 0.440 ± 0.173	^{5,6,7} 0.908 ± 0.200	⁶ 0.834 ± 0.227	[—] 0.908 ± 0.200	[—] 0.764 ± 0.247
<i>vowel0</i>	^{2,3,5,7} 0.989 ± 0.027	³ 0.967 ± 0.050	[—] 0.982 ± 0.032	^{2,3,5,7} 0.888 ± 0.094	^{2,3,7} 0.906 ± 0.074	^{2,3,5,7} 0.894 ± 0.085	^{2,3} 0.933 ± 0.064
<i>glass-0-4-vs-5</i>	^{2,4,5,6,7} 0.660 ± 0.473	^{4,5,6,7} 0.828 ± 0.235	^{4,5,6,7} 0.815 ± 0.243	[—] 0.768 ± 0.335	⁴ 0.801 ± 0.259	[—] 0.706 ± 0.358	^{4,5,6} 0.793 ± 0.261
<i>glass-0-1-4-6-vs-2</i>	[—] 0.133 ± 0.310	⁶ 0.261 ± 0.124	⁶ 0.250 ± 0.136	[—] 0.226 ± 0.102	[—] 0.210 ± 0.074	[—] 0.209 ± 0.078	[—] 0.212 ± 0.083
<i>yeast4</i>	[—] 0.358 ± 0.276	^{1,4,5,6,7} 0.342 ± 0.115	^{1,5,6,7} 0.315 ± 0.096	^{1,5,6} 0.399 ± 0.122	¹ 0.351 ± 0.097	¹ 0.311 ± 0.087	¹ 0.291 ± 0.078
<i>ecoli-0-4-6-vs-5</i>	[—] 0.935 ± 0.135	^{3,6,7} 0.868 ± 0.169	⁷ 0.804 ± 0.172	^{2,3,5,6,7} 0.803 ± 0.171	^{3,6,7} 0.781 ± 0.181	[—] 0.818 ± 0.171	[—] 0.790 ± 0.187
<i>page-blocks-1-3-vs-4</i>	^{all} 0.686 ± 0.174	^{3,4,5,7} 0.567 ± 0.139	[—] 0.589 ± 0.143	[—] 0.658 ± 0.204	[—] 0.634 ± 0.175	^{5,7} 0.657 ± 0.210	[—] 0.727 ± 0.195
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{2,3} 0.871 ± 0.068	[—] 0.671 ± 0.069	² 0.656 ± 0.073	^{2,3} 0.837 ± 0.067	^{2,3} 0.776 ± 0.083	^{2,3} 0.836 ± 0.069	^{2,3,4,5,6} 0.772 ± 0.082
<i>ecoli-0-1-vs-2-3-5</i>	^{all} 0.968 ± 0.081	³ 0.726 ± 0.165	[—] 0.711 ± 0.155	^{2,3,5,7} 0.970 ± 0.084	^{2,3} 0.901 ± 0.127	^{2,3,5,7} 0.952 ± 0.098	^{2,3} 0.876 ± 0.146
<i>ecoli-0-6-7-vs-3-5</i>	^{2,3,5,7} 0.907 ± 0.169	[—] 0.761 ± 0.212	[—] 0.733 ± 0.200	^{2,3,5,7} 0.822 ± 0.201	^{2,3} 0.783 ± 0.213	^{2,3,5,7} 0.777 ± 0.198	^{2,3} 0.746 ± 0.209
<i>ecoli-0-3-4-7-vs-5-6</i>	^{all} 0.944 ± 0.091	[—] 0.730 ± 0.150	[—] 0.716 ± 0.160	^{3,5,7} 0.859 ± 0.131	[—] 0.829 ± 0.118	[—] 0.788 ± 0.133	[—] 0.817 ± 0.112
<i>ecoli-0-2-6-7-vs-3-5</i>	^{all} 0.933 ± 0.175	[—] 0.760 ± 0.202	[—] 0.749 ± 0.199	^{2,3,6} 0.815 ± 0.183	^{2,3,6} 0.753 ± 0.194	^{2,3} 0.789 ± 0.182	^{2,3} 0.719 ± 0.198
<i>shuttle-c0-vs-c4</i>	^{all} 1.000 ± 0.000	[—] 1.000 ± 0.000	[—] 1.000 ± 0.000	^{3,5,7} 1.000 ± 0.000	[—] 1.000 ± 0.000	^{5,7} 1.000 ± 0.000	[—] 1.000 ± 0.000
<i>ecoli-0-3-4-vs-5</i>	[—] 0.958 ± 0.111	[—] 0.826 ± 0.183	[—] 0.807 ± 0.182	[—] 0.858 ± 0.168	[—] 0.833 ± 0.183	³ 0.859 ± 0.174	[—] 0.831 ± 0.185

Table 5: Results for Precision metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	5.317	3.963	3.049	4.976	3.659	3.878	3.159
	3,5,6,7	3,7	—	2,3,5,6,7	—	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>glass4</i>	0.513 ± 0.310	0.857 ± 0.278	0.857 ± 0.278	0.600 ± 0.288	0.740 ± 0.318	0.590 ± 0.283	0.760 ± 0.316
<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 0.835 ± 0.155	— 1,4,6 0.840 ± 0.156	— 1 0.830 ± 0.161	— 1,4,6 0.845 ± 0.157
<i>glass-0-1-6-vs-2</i>	— 0.065 ± 0.123	— 1 0.517 ± 0.254	— 1 0.457 ± 0.252	— 1,2,3 0.623 ± 0.274	— 1,2,3,4 0.762 ± 0.211	— 1,2,3,4 0.745 ± 0.234	— 1,2,3,4 0.772 ± 0.226
<i>ecoli-0-1-vs-5</i>	— 0.785 ± 0.180	— 1,3 0.850 ± 0.150	— 1 0.850 ± 0.150	— 1,2,3 0.815 ± 0.156	— 1,2,3,4 0.835 ± 0.155	— 1,2,3,4 0.825 ± 0.160	— 1,2,3,4 0.845 ± 0.149
<i>yeast-1-4-5-8-vs-7</i>	— 0.003 ± 0.023	— 1 0.160 ± 0.156	— 1 0.183 ± 0.160	— 1 0.203 ± 0.167	— 1 0.333 ± 0.173	— 1 0.297 ± 0.180	— 1 0.403 ± 0.170
<i>ecoli4</i>	— 0.790 ± 0.202	— 1 0.860 ± 0.194	— 1 0.860 ± 0.194	— 1 0.855 ± 0.180	— 1,2,3,4 0.880 ± 0.174	— 1,2,3,4 0.860 ± 0.194	— <i>all</i> 0.880 ± 0.174
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	— 0.279 ± 0.155	— 1 0.861 ± 0.135	— 1 0.775 ± 0.249	— 1 0.185 ± 0.182	— 1 0.347 ± 0.171	— 1 0.718 ± 0.215	— 1 0.719 ± 0.290
<i>glass5</i>	— 0.310 ± 0.330	— 4 <i>all</i> 0.680 ± 0.396	— 1,4,5,6 0.680 ± 0.409	— 1 0.690 ± 0.372	— 1,4 0.800 ± 0.346	— 1,4,5 0.620 ± 0.381	— 1,4,5 0.800 ± 0.346
<i>ecoli-0-3-4-6-vs-5</i>	— 0.795 ± 0.185	— 1 0.845 ± 0.179	— 1 0.845 ± 0.179	— 1 0.815 ± 0.164	— 1,2,3,4,6 0.835 ± 0.177	— 1 0.810 ± 0.177	— 1,2,3,4,6 0.830 ± 0.176
<i>yeast-0-5-6-7-9-vs-4</i>	— 0.317 ± 0.153	— 1 0.667 ± 0.136	— 1 0.681 ± 0.129	— 1 0.579 ± 0.127	— 1 0.669 ± 0.113	— 1 0.634 ± 0.141	— 1 0.710 ± 0.118
<i>yeast6</i>	— 0.523 ± 0.184	— 1,4 0.669 ± 0.177	— 1,4 0.663 ± 0.168	— 1 0.660 ± 0.166	— 1,4,6 0.694 ± 0.173	— 1,4 0.697 ± 0.170	— <i>all</i> 0.720 ± 0.161
<i>ecoli-0-6-7-vs-5</i>	— 0.685 ± 0.216	— 1 0.795 ± 0.204	— 1 0.785 ± 0.206	— 1 0.745 ± 0.190	— 1,4 0.765 ± 0.202	— 1,4 0.755 ± 0.190	— 1,2,3,4 0.765 ± 0.202
<i>glass-0-1-6-vs-5</i>	— 0.360 ± 0.316	— 1,4 0.780 ± 0.318	— 1 0.750 ± 0.335	— 1 0.630 ± 0.357	— 1 0.850 ± 0.287	— 1 0.630 ± 0.357	— 1 0.850 ± 0.287
<i>ecoli-0-1-3-7-vs-2-6</i>	— 0.700 ± 0.400	— 1,4,6 0.700 ± 0.400	— 1 0.700 ± 0.400	— 1 0.700 ± 0.400	— 1,3,4,6 0.700 ± 0.400	— 1 0.700 ± 0.400	— 1,3,4,6 0.700 ± 0.400
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	— 0.529 ± 0.083	— 1,4,5,6,7 0.657 ± 0.084	— 1,4,5,6,7 0.664 ± 0.085	— 6 0.540 ± 0.103	— 1,4,6,7 0.616 ± 0.095	— 1 0.522 ± 0.110	— 1,4,6 0.600 ± 0.097
<i>ecoli-0-1-4-7-vs-5-6</i>	— 0.732 ± 0.198	— 1,4,5,6,7 0.816 ± 0.173	— 1,4,5,6,7 0.820 ± 0.156	— 6 0.784 ± 0.164	— 1,4,6,7 0.812 ± 0.151	— 1 0.800 ± 0.154	— 1,4,6 0.812 ± 0.157
<i>yeast5</i>	— 0.647 ± 0.127	— 1 0.878 ± 0.104	— 1 0.877 ± 0.095	— 1 0.828 ± 0.129	— 1 0.896 ± 0.103	— 1 0.839 ± 0.123	— 1 0.880 ± 0.106
<i>shuttle-c2-vs-c4</i>	— 0.170 ± 0.355	— 1,4,6 0.990 ± 0.069	— 1,4,6 0.990 ± 0.069	— 1 0.430 ± 0.458	— 1,4,6 0.900 ± 0.282	— 1 0.450 ± 0.460	— 1,4,6 0.900 ± 0.282
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	— 0.668 ± 0.202	— 1,4,6 0.744 ± 0.158	— 1,4,6 0.758 ± 0.159	— 1 0.715 ± 0.167	— 1,4,6 0.730 ± 0.167	— 1 0.722 ± 0.168	— 1,4,6 0.734 ± 0.161
<i>yeast-0-3-5-9-vs-7-8</i>	— 0.306 ± 0.115	— 1 0.530 ± 0.125	— 1,4,6 0.522 ± 0.140	— 1 0.284 ± 0.108	— 1 0.372 ± 0.124	— 1 0.314 ± 0.107	— 1 0.400 ± 0.132
<i>yeast-1-vs-7</i>	— 0.060 ± 0.086	— 1,4,5,6,7 0.340 ± 0.194	— 1,4,5,6,7 0.353 ± 0.196	— 1 0.323 ± 0.180	— 1,4,6 0.387 ± 0.217	— 4 0.443 ± 0.201	— 1,4,6 0.463 ± 0.211
<i>yeast-1-2-8-9-vs-7</i>	— 0.017 ± 0.049	— 1 0.287 ± 0.170	— 1 0.313 ± 0.175	— 1 0.190 ± 0.149	— 1,4 0.373 ± 0.195	— 1,2,3,4,5 0.320 ± 0.188	— 1,2,3,4,5 0.457 ± 0.166
<i>ecoli-0-1-4-6-vs-5</i>	— 0.775 ± 0.182	— 1,4 0.845 ± 0.149	— 1,4 0.845 ± 0.157	— 1 0.805 ± 0.175	— 1,2,3,4 0.830 ± 0.153	— 1,4 0.805 ± 0.175	— <i>all</i> 0.830 ± 0.153
<i>glass-0-1-5-vs-2</i>	— 0.090 ± 0.139	— 1 0.497 ± 0.267	— 1 0.483 ± 0.262	— 1 0.628 ± 0.278	— 1 0.783 ± 0.226	— 1 0.725 ± 0.247	— 1 0.760 ± 0.239
<i>yeast-2-vs-4</i>	— 0.647 ± 0.132	— 1 0.774 ± 0.123	— 1 0.778 ± 0.125	— 1,2,3 0.682 ± 0.126	— 1,2,3,4 0.719 ± 0.127	— 1,2,3,4 0.701 ± 0.132	— 1,2,3,4 0.732 ± 0.132
<i>glass-0-6-vs-5</i>	— 0.440 ± 0.382	— 1,4,5,6,7 0.930 ± 0.173	— 1,4,5,6,7 0.920 ± 0.208	— 1 0.550 ± 0.350	— 1,4 0.830 ± 0.257	— 1,4 0.600 ± 0.331	— 1,4,6 0.840 ± 0.253
<i>glass2</i>	— 0.117 ± 0.164	— 1,4,5,6 0.533 ± 0.260	— 1,4,6 0.547 ± 0.236	— 1 0.642 ± 0.261	— 1,4,6 0.755 ± 0.231	— 1 0.720 ± 0.249	— 1,4,6 0.735 ± 0.241
<i>yeast-2-vs-8</i>	— 0.550 ± 0.229	— 1 0.580 ± 0.220	— 1 0.610 ± 0.218	— 1,2,3 0.550 ± 0.229	— 1,2,3,4 0.550 ± 0.229	— 1,2,3,4 0.550 ± 0.229	— 1,2,3,4 0.555 ± 0.225
<i>vowel0</i>	— 0.941 ± 0.077	— 1,4,5,6,7 0.983 ± 0.053	— 1,4,5,6,7 0.983 ± 0.053	— 1,4,5,6,7 0.681 ± 0.119	— 4,6 0.907 ± 0.118	— 4 0.839 ± 0.123	— 4,6 0.911 ± 0.109
<i>glass-0-4-vs-5</i>	— 4,6 0.490 ± 0.406	— 1,4,5,6,7 0.940 ± 0.190	— 1,4,5,6,7 0.950 ± 0.180	— 1 0.700 ± 0.331	— 4,6 0.960 ± 0.135	— 4 0.720 ± 0.362	— 4,6 0.930 ± 0.173
<i>glass-0-1-4-6-vs-2</i>	— 0.055 ± 0.122	— 1,4,6 0.538 ± 0.259	— 1,4,6 0.520 ± 0.281	— 1 0.573 ± 0.276	— 1,4,6 0.732 ± 0.242	— 1 0.697 ± 0.217	— 1,4,6 0.705 ± 0.240
<i>yeast4</i>	— 0.117 ± 0.088	— 1 0.468 ± 0.154	— 1 0.474 ± 0.162	— 1 0.459 ± 0.119	— 1,2,3,4 0.515 ± 0.139	— 1,2,3,4 0.513 ± 0.153	— 1,2,3,4 0.593 ± 0.132
<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	— 1,2,4 0.845 ± 0.157	— 1,2,3,4 0.840 ± 0.156	— <i>all</i> 0.845 ± 0.157
<i>page-blocks-1-3-vs-4</i>	— 0.657 ± 0.217	— 1 0.869 ± 0.182	— 1 0.847 ± 0.191	— 1 0.562 ± 0.211	— 1 0.703 ± 0.173	— 1 0.638 ± 0.228	— 1 0.696 ± 0.180
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	— 4 0.797 ± 0.084	— 1,4,5,6,7 0.839 ± 0.078	— 1,4,5,6,7 0.840 ± 0.080	— 1 0.813 ± 0.083	— 1,4,6 0.830 ± 0.083	— 4 0.806 ± 0.083	— 4,6 0.826 ± 0.082
<i>ecoli-0-1-vs-2-3-5</i>	— 0.670 ± 0.187	— 1,4,6,7 0.792 ± 0.184	— 1,4,6,7 0.787 ± 0.186	— 1 0.703 ± 0.184	— 1,4,6 0.724 ± 0.180	— 1 0.715 ± 0.179	— 1,4,6 0.719 ± 0.176
<i>ecoli-0-6-7-vs-3-5</i>	— 0.593 ± 0.237	— 1,4,5,6,7 0.760 ± 0.196	— 1,4,5,6,7 0.770 ± 0.189	— 1 0.672 ± 0.201	— 1 0.685 ± 0.206	— 1 0.694 ± 0.188	— 1 0.704 ± 0.191
<i>ecoli-0-3-4-7-vs-5-6</i>	— 0.744 ± 0.196	— 1,4,5,6,7 0.824 ± 0.158	— 1,4,5,6,7 0.828 ± 0.160	— 1 0.764 ± 0.163	— 1 0.816 ± 0.154	— 1 0.812 ± 0.146	— 1 0.828 ± 0.154
<i>ecoli-0-2-6-7-vs-3-5</i>	— 0.597 ± 0.251	— 1,4 0.754 ± 0.193	— 1,4 0.764 ± 0.177	— 1 0.681 ± 0.198	— 1,4 0.686 ± 0.201	— 1,4 0.718 ± 0.176	— 1,4 0.714 ± 0.189
<i>shuttle-c0-vs-c4</i>	— 0.992 ± 0.016	— 1,4,5 0.992 ± 0.016	— 1,4,5,7 0.992 ± 0.016	— 1 0.991 ± 0.016	— 1 0.992 ± 0.016	— 1 0.991 ± 0.016	— 1 0.992 ± 0.016
<i>ecoli-0-3-4-vs-5</i>	— 0.810 ± 0.209	— 1 0.850 ± 0.200	— 1 0.850 ± 0.200	— 1 0.840 ± 0.204	— 1 0.850 ± 0.200	— 1 0.835 ± 0.197	— 1 0.840 ± 0.204

Table 7: Results for Recall metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.427	5.232	5.366	2.463	4.939	3.305	5.268
	—	1,4,6	1,4,6	1	1,4,6	1,4	1,4,6

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>glass4</i>	0.750 ± 0.158	0.904 ± 0.142	0.905 ± 0.142	0.779 ± 0.148	0.843 ± 0.163	0.772 ± 0.147	0.854 ± 0.163
<i>ecoli-0-2-3-4-vs-5</i>	0.890 ± 0.083	0.910 ± 0.078	0.908 ± 0.078	0.908 ± 0.079	0.907 ± 0.078	0.904 ± 0.082	0.909 ± 0.080
<i>glass-0-1-6-vs-2</i>	0.522 ± 0.062	0.676 ± 0.132	0.643 ± 0.124	0.712 ± 0.136	0.739 ± 0.101	0.739 ± 0.121	0.750 ± 0.105
<i>ecoli-0-1-vs-5</i>	0.891 ± 0.089	0.918 ± 0.074	0.916 ± 0.073	0.906 ± 0.078	0.914 ± 0.077	0.910 ± 0.080	0.918 ± 0.074
<i>yeast-1-4-5-8-vs-7</i>	0.501 ± 0.010	0.547 ± 0.075	0.553 ± 0.077	0.556 ± 0.081	0.593 ± 0.081	0.583 ± 0.091	0.614 ± 0.086
<i>ecoli4</i>	0.894 ± 0.100	0.918 ± 0.094	0.917 ± 0.094	0.925 ± 0.090	0.933 ± 0.086	0.925 ± 0.097	0.931 ± 0.086
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.635 ± 0.077	0.899 ± 0.066	0.857 ± 0.121	0.585 ± 0.091	0.657 ± 0.088	0.842 ± 0.102	0.837 ± 0.142
<i>glass5</i>	0.648 ± 0.165	0.823 ± 0.196	0.823 ± 0.203	0.824 ± 0.187	0.870 ± 0.172	0.787 ± 0.192	0.871 ± 0.173
<i>ecoli-0-3-4-6-vs-5</i>	0.895 ± 0.094	0.908 ± 0.089	0.906 ± 0.089	0.893 ± 0.087	0.901 ± 0.093	0.891 ± 0.094	0.898 ± 0.093
<i>yeast-0-5-6-7-9-vs-4</i>	0.649 ± 0.074	0.793 ± 0.065	0.797 ± 0.061	0.764 ± 0.062	0.795 ± 0.053	0.774 ± 0.066	0.803 ± 0.055
<i>yeast6</i>	0.757 ± 0.091	0.821 ± 0.087	0.818 ± 0.083	0.821 ± 0.083	0.835 ± 0.086	0.835 ± 0.084	0.843 ± 0.079
<i>ecoli-0-6-7-vs-5</i>	0.840 ± 0.108	0.875 ± 0.101	0.865 ± 0.100	0.865 ± 0.098	0.869 ± 0.105	0.868 ± 0.096	0.867 ± 0.104
<i>glass-0-1-6-vs-5</i>	0.668 ± 0.151	0.868 ± 0.157	0.853 ± 0.165	0.794 ± 0.175	0.898 ± 0.145	0.795 ± 0.175	0.897 ± 0.145
<i>ecoli-0-1-3-7-vs-2-6</i>	0.850 ± 0.200	0.841 ± 0.197	0.843 ± 0.198	0.849 ± 0.200	0.840 ± 0.205	0.844 ± 0.203	0.837 ± 0.202
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.756 ± 0.042	0.790 ± 0.041	0.788 ± 0.042	0.759 ± 0.052	0.789 ± 0.047	0.751 ± 0.054	0.782 ± 0.049
<i>ecoli-0-1-4-7-vs-5-6</i>	0.865 ± 0.098	0.894 ± 0.085	0.894 ± 0.076	0.888 ± 0.081	0.900 ± 0.076	0.892 ± 0.077	0.899 ± 0.078
<i>yeast5</i>	0.821 ± 0.064	0.929 ± 0.052	0.929 ± 0.048	0.906 ± 0.064	0.938 ± 0.052	0.910 ± 0.061	0.930 ± 0.053
<i>shuttle-c2-vs-c4</i>	0.585 ± 0.177	0.995 ± 0.034	0.995 ± 0.034	0.715 ± 0.229	0.950 ± 0.141	0.725 ± 0.230	0.950 ± 0.141
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.833 ± 0.100	0.852 ± 0.077	0.857 ± 0.076	0.855 ± 0.082	0.858 ± 0.082	0.856 ± 0.083	0.857 ± 0.078
<i>yeast-0-3-5-9-vs-7-8</i>	0.641 ± 0.058	0.707 ± 0.064	0.697 ± 0.070	0.629 ± 0.053	0.659 ± 0.062	0.641 ± 0.051	0.666 ± 0.065
<i>yeast-1-vs-7</i>	0.529 ± 0.043	0.631 ± 0.098	0.634 ± 0.099	0.620 ± 0.087	0.632 ± 0.101	0.642 ± 0.092	0.652 ± 0.101
<i>yeast-1-2-8-9-vs-7</i>	0.508 ± 0.024	0.623 ± 0.085	0.634 ± 0.088	0.574 ± 0.075	0.643 ± 0.092	0.610 ± 0.093	0.676 ± 0.083
<i>ecoli-0-1-4-6-vs-5</i>	0.886 ± 0.091	0.914 ± 0.073	0.913 ± 0.077	0.899 ± 0.087	0.909 ± 0.075	0.898 ± 0.088	0.909 ± 0.075
<i>glass-0-1-5-vs-2</i>	0.533 ± 0.066	0.670 ± 0.135	0.658 ± 0.131	0.708 ± 0.138	0.739 ± 0.108	0.715 ± 0.119	0.733 ± 0.111
<i>yeast-2-vs-4</i>	0.820 ± 0.066	0.873 ± 0.061	0.873 ± 0.062	0.835 ± 0.063	0.852 ± 0.064	0.844 ± 0.066	0.856 ± 0.065
<i>glass-0-6-vs-5</i>	0.714 ± 0.194	0.950 ± 0.086	0.945 ± 0.103	0.767 ± 0.183	0.900 ± 0.133	0.791 ± 0.169	0.905 ± 0.131
<i>glass2</i>	0.547 ± 0.083	0.707 ± 0.129	0.712 ± 0.116	0.735 ± 0.129	0.760 ± 0.118	0.735 ± 0.126	0.748 ± 0.119
<i>yeast-2-vs-8</i>	0.774 ± 0.114	0.774 ± 0.106	0.786 ± 0.105	0.773 ± 0.115	0.771 ± 0.116	0.773 ± 0.115	0.772 ± 0.114
<i>vowel0</i>	0.970 ± 0.038	0.990 ± 0.026	0.991 ± 0.026	0.836 ± 0.060	0.948 ± 0.058	0.914 ± 0.061	0.952 ± 0.054
<i>glass-0-4-vs-5</i>	0.744 ± 0.204	0.956 ± 0.096	0.959 ± 0.091	0.835 ± 0.164	0.957 ± 0.075	0.842 ± 0.177	0.941 ± 0.088
<i>glass-0-1-4-6-vs-2</i>	0.518 ± 0.062	0.700 ± 0.131	0.691 ± 0.140	0.697 ± 0.133	0.739 ± 0.125	0.723 ± 0.113	0.728 ± 0.128
<i>yeast4</i>	0.555 ± 0.043	0.717 ± 0.076	0.718 ± 0.080	0.716 ± 0.060	0.740 ± 0.069	0.736 ± 0.075	0.770 ± 0.065
<i>ecoli-0-4-6-vs-5</i>	0.901 ± 0.084	0.916 ± 0.081	0.912 ± 0.082	0.907 ± 0.079	0.907 ± 0.082	0.908 ± 0.080	0.908 ± 0.083
<i>page-blocks-1-3-vs-4</i>	0.818 ± 0.106	0.912 ± 0.091	0.903 ± 0.094	0.771 ± 0.106	0.837 ± 0.086	0.806 ± 0.111	0.838 ± 0.091
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.892 ± 0.042	0.896 ± 0.038	0.895 ± 0.039	0.898 ± 0.041	0.902 ± 0.041	0.894 ± 0.041	0.899 ± 0.040
<i>ecoli-0-1-vs-2-3-5</i>	0.833 ± 0.093	0.877 ± 0.089	0.873 ± 0.090	0.850 ± 0.092	0.857 ± 0.089	0.855 ± 0.089	0.853 ± 0.087
<i>ecoli-0-6-7-vs-3-5</i>	0.792 ± 0.119	0.863 ± 0.099	0.866 ± 0.095	0.827 ± 0.104	0.830 ± 0.108	0.835 ± 0.098	0.837 ± 0.100
<i>ecoli-0-3-4-7-vs-5-6</i>	0.869 ± 0.097	0.893 ± 0.075	0.893 ± 0.076	0.874 ± 0.082	0.898 ± 0.078	0.893 ± 0.073	0.903 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	0.797 ± 0.125	0.859 ± 0.091	0.862 ± 0.081	0.832 ± 0.102	0.829 ± 0.101	0.847 ± 0.088	0.839 ± 0.096
<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	0.912 ± 0.099	0.910 ± 0.099	0.911 ± 0.104	0.914 ± 0.103	0.909 ± 0.101	0.909 ± 0.106

Table 9: Results for AUC metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.659	5.012	4.841	2.780	5.024	3.415	5.268
	—	1,4,6	1,4,6	1	1,4,6	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>glass4</i>	0.641 ± 0.310	0.870 ± 0.242	0.871 ± 0.242	0.716 ± 0.253	0.793 ± 0.272	0.708 ± 0.251	0.805 ± 0.272
<i>ecoli-0-2-3-4-vs-5</i>	— 0.878 ± 0.100	1,4,5,6,7 0.903 ± 0.086	1,4,5,6,7 0.901 ± 0.087	6 0.901 ± 0.088	1,6 0.901 ± 0.087	— 0.897 ± 0.092	1,4,6 0.902 ± 0.089
<i>glass-0-1-6-vs-2</i>	— 0.118 ± 0.222	— 0.618 ± 0.224	— 0.565 ± 0.239	— 0.681 ± 0.178	— 0.728 ± 0.107	— 0.727 ± 0.132	4 0.738 ± 0.112
<i>ecoli-0-1-vs-5</i>	— 0.879 ± 0.104	1,3 0.911 ± 0.082	1 0.909 ± 0.082	1,3 0.897 ± 0.088	1,2,3 0.906 ± 0.087	1,2,3 0.902 ± 0.090	1,2,3,5 0.912 ± 0.083
<i>yeast-1-4-5-8-vs-7</i>	— 0.008 ± 0.056	3 0.296 ± 0.245	4,5,6 0.330 ± 0.243	— 0.355 ± 0.240	— 0.502 ± 0.169	— 0.467 ± 0.197	3 0.558 ± 0.144
<i>ecoli4</i>	— 0.879 ± 0.124	1 0.908 ± 0.112	1 0.907 ± 0.112	1 0.916 ± 0.103	1,2,3,4 0.926 ± 0.099	1,2,3,4 0.915 ± 0.116	1,2,3,4,6 0.924 ± 0.098
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	— 0.494 ± 0.179	— 0.895 ± 0.071	— 0.832 ± 0.184	2,3,6 0.338 ± 0.260	2,3,4,7 0.556 ± 0.162	2,3 0.820 ± 0.137	2,3,4,6 0.803 ± 0.199
<i>glass5</i>	4 0.394 ± 0.387	1,3,4,5,6 0.716 ± 0.376	1,4,5 0.709 ± 0.392	— 0.736 ± 0.345	1,4 0.807 ± 0.314	1,4,5 0.679 ± 0.362	1,4,5 0.809 ± 0.315
<i>ecoli-0-3-4-6-vs-5</i>	— 0.883 ± 0.108	1,6 0.900 ± 0.101	1,6 0.898 ± 0.101	1,6 0.885 ± 0.097	1 0.893 ± 0.104	1 0.882 ± 0.105	1,6 0.890 ± 0.103
<i>yeast-0-5-6-7-9-vs-4</i>	6 0.532 ± 0.164	— 0.779 ± 0.078	— 0.784 ± 0.071	1 0.736 ± 0.082	1 0.782 ± 0.064	— 0.756 ± 0.080	1 0.794 ± 0.063
<i>yeast6</i>	— 0.707 ± 0.136	1,4,6 0.799 ± 0.112	1,4,6 0.795 ± 0.108	1 0.798 ± 0.106	1,4,6 0.815 ± 0.112	1 0.816 ± 0.107	1,4,6 0.828 ± 0.098
<i>ecoli-0-6-7-vs-5</i>	— 0.814 ± 0.139	1,3 0.863 ± 0.119	1 0.852 ± 0.121	1 0.849 ± 0.116	1,2,3 0.855 ± 0.123	1 0.854 ± 0.115	1,3 0.853 ± 0.122
<i>glass-0-1-6-vs-5</i>	— 0.459 ± 0.368	3 0.818 ± 0.272	— 0.793 ± 0.293	— 0.701 ± 0.332	3,4,6,7 0.863 ± 0.244	3,7 0.701 ± 0.332	3,4 0.862 ± 0.244
<i>ecoli-0-1-3-7-vs-2-6</i>	— 0.741 ± 0.387	1,4 0.734 ± 0.383	1 0.735 ± 0.384	1 0.741 ± 0.387	1,4 0.736 ± 0.385	1 0.739 ± 0.385	1,4 0.733 ± 0.382
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	2,3,5,7 0.719 ± 0.058	— 0.777 ± 0.049	— 0.777 ± 0.050	2,3,5,7 0.723 ± 0.072	— 0.767 ± 0.063	2,3,7 0.711 ± 0.077	— 0.758 ± 0.066
<i>ecoli-0-1-4-7-vs-5-6</i>	— 0.844 ± 0.132	1,4,6,7 0.884 ± 0.104	1,4,6,7 0.886 ± 0.088	— 0.877 ± 0.091	1,4,6 0.892 ± 0.085	— 0.883 ± 0.086	1,4,6 0.890 ± 0.089
<i>yeast5</i>	— 0.798 ± 0.083	— 0.926 ± 0.057	— 0.926 ± 0.052	— 0.900 ± 0.073	2,3,6,7 0.935 ± 0.056	4 0.905 ± 0.068	2,3 0.927 ± 0.057
<i>shuttle-c2-vs-c4</i>	— 0.182 ± 0.369	1,6 0.994 ± 0.041	1,6 0.994 ± 0.041	1 0.459 ± 0.468	1,4,6 0.908 ± 0.273	1,4 0.479 ± 0.469	1,4,6 0.908 ± 0.273
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	— 0.805 ± 0.133	1,4,6 0.840 ± 0.092	1,4,6 0.845 ± 0.091	1 0.837 ± 0.100	1,4,6 0.842 ± 0.100	1 0.839 ± 0.100	1,4,6 0.842 ± 0.095
<i>yeast-0-3-5-9-vs-7-8</i>	— 0.533 ± 0.123	4,6 0.679 ± 0.084	5,7 0.668 ± 0.095	— 0.512 ± 0.120	2,4 0.580 ± 0.124	— 0.538 ± 0.114	2,4,5 0.597 ± 0.123
<i>yeast-1-vs-7</i>	— 0.142 ± 0.199	all 0.526 ± 0.190	1,4,5,6,7 0.535 ± 0.192	— 0.512 ± 0.180	1,4,6 0.542 ± 0.203	— 0.583 ± 0.167	1,4,6 0.593 ± 0.187
<i>yeast-1-2-8-9-vs-7</i>	— 0.041 ± 0.122	1 0.481 ± 0.210	1,2 0.507 ± 0.206	1 0.355 ± 0.236	1 0.540 ± 0.214	1,2,4 0.495 ± 0.206	1,2,3,4 0.628 ± 0.117
<i>ecoli-0-1-4-6-vs-5</i>	— 0.873 ± 0.105	1,4 0.908 ± 0.081	1,4 0.906 ± 0.087	1 0.889 ± 0.100	1,4 0.902 ± 0.084	1,4 0.888 ± 0.100	1,2,3,4,6 0.902 ± 0.084
<i>glass-0-1-5-vs-2</i>	— 0.161 ± 0.246	— 0.606 ± 0.226	— 0.593 ± 0.222	— 0.673 ± 0.198	— 0.720 ± 0.143	— 0.694 ± 0.153	— 0.713 ± 0.147
<i>yeast-2-vs-4</i>	— 0.797 ± 0.083	1,3 0.865 ± 0.069	1 0.865 ± 0.071	1,2,3 0.817 ± 0.076	1,2,3 0.838 ± 0.075	1,2,3 0.828 ± 0.078	1,2,3 0.843 ± 0.076
<i>glass-0-6-vs-5</i>	— 0.521 ± 0.407	1,4,5,6,7 0.944 ± 0.099	1,4,5,6,7 0.930 ± 0.162	— 0.651 ± 0.349	1 0.879 ± 0.183	— 0.703 ± 0.312	1,4 0.885 ± 0.181
<i>glass2</i>	— 0.201 ± 0.271	1,4,5,6 0.649 ± 0.215	1,4,6 0.665 ± 0.188	1 0.701 ± 0.194	1,4,6 0.743 ± 0.156	1 0.715 ± 0.164	1,4,6 0.729 ± 0.158
<i>yeast-2-vs-8</i>	— 0.718 ± 0.181	1 0.733 ± 0.148	1 0.751 ± 0.142	1 0.718 ± 0.181	1,2,3,6 0.717 ± 0.180	1,2,3 0.718 ± 0.181	1,2,3 0.720 ± 0.178
<i>vowel0</i>	5 0.969 ± 0.041	1,4,5,6,7 0.989 ± 0.028	— 0.990 ± 0.028	5 0.818 ± 0.074	— 0.945 ± 0.065	5 0.908 ± 0.068	1,4,6 0.949 ± 0.059
<i>glass-0-4-vs-5</i>	4,5,6,7 0.560 ± 0.419	1,4,5,6,7 0.942 ± 0.157	1,4,5,6,7 0.947 ± 0.153	— 0.770 ± 0.289	4,6 0.953 ± 0.084	4 0.762 ± 0.330	4,5,6 0.935 ± 0.101
<i>glass-0-1-4-6-vs-2</i>	— 0.098 ± 0.210	1,4,6,7 0.642 ± 0.229	1,4,6,7 0.615 ± 0.261	1 0.639 ± 0.240	1,4,6 0.716 ± 0.180	1 0.706 ± 0.148	1,4 0.705 ± 0.182
<i>yeast4</i>	— 0.288 ± 0.183	1 0.662 ± 0.116	1 0.664 ± 0.121	1 0.662 ± 0.091	1,3 0.698 ± 0.097	1 0.692 ± 0.111	1,3 0.744 ± 0.083
<i>ecoli-0-4-6-vs-5</i>	— 0.892 ± 0.095	1 0.909 ± 0.090	1,2 0.905 ± 0.090	1 0.900 ± 0.088	1,2,4 0.901 ± 0.090	1 0.901 ± 0.088	all 0.902 ± 0.091
<i>page-blocks-1-3-vs-4</i>	— 0.789 ± 0.138	3,4,5,6,7 0.905 ± 0.105	— 0.895 ± 0.110	1 0.727 ± 0.145	1,6 0.820 ± 0.103	1 0.773 ± 0.146	1 0.819 ± 0.109
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	4 0.885 ± 0.047	1,4,5,6,7 0.893 ± 0.041	1,4,5,6,7 0.892 ± 0.042	— 0.892 ± 0.046	1,4,6,7 0.898 ± 0.045	4 0.889 ± 0.046	1,4,6 0.895 ± 0.044
<i>ecoli-0-1-vs-2-3-5</i>	— 0.807 ± 0.125	3 0.865 ± 0.106	— 0.861 ± 0.109	6 0.829 ± 0.114	1 0.839 ± 0.109	— 0.836 ± 0.110	— 0.835 ± 0.107
<i>ecoli-0-6-7-vs-3-5</i>	— 0.750 ± 0.159	1 0.849 ± 0.118	1 0.853 ± 0.113	1 0.803 ± 0.129	7 0.808 ± 0.132	1,7 0.815 ± 0.119	— 0.818 ± 0.120
<i>ecoli-0-3-4-7-vs-5-6</i>	— 0.852 ± 0.116	1 0.885 ± 0.085	1 0.886 ± 0.086	— 0.862 ± 0.095	— 0.890 ± 0.086	— 0.886 ± 0.081	— 0.896 ± 0.087
<i>ecoli-0-2-6-7-vs-3-5</i>	— 0.747 ± 0.192	— 0.844 ± 0.111	— 0.850 ± 0.096	— 0.809 ± 0.127	2,3,6 0.807 ± 0.125	— 0.830 ± 0.106	2,3,4,6 0.822 ± 0.115
<i>shuttle-c0-vs-c4</i>	— 0.996 ± 0.008	1,5 0.996 ± 0.008	1,5 0.996 ± 0.008	5 0.995 ± 0.008	— 0.996 ± 0.008	1,5,7 0.995 ± 0.008	— 0.996 ± 0.008
<i>ecoli-0-3-4-vs-5</i>	— 0.888 ± 0.132	— 0.901 ± 0.121	— 0.899 ± 0.120	— 0.900 ± 0.126	— 0.904 ± 0.124	— 0.898 ± 0.122	— 0.898 ± 0.127

Table 11: Results for GMEAN metric

	kNN (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.537	5.061	4.866	2.720	5.110	3.427	5.280
	—	1,4,6	1,4,6	1	1,4,6	1,4	1,4,6

Table 12: Results for mean ranks according to GMEAN metric