

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.572 ± 0.129	0.771 ± 0.138	0.778 ± 0.139	0.764 ± 0.160	0.802 ± 0.157	0.732 ± 0.157	0.779 ± 0.161
<i>ecoli-0-2-3-4-vs-5</i>	¹ 0.780 ± 0.098	¹ 0.777 ± 0.117	^{1,2} 0.873 ± 0.092	^{1,6} 0.902 ± 0.078	^{1,6,7} 0.900 ± 0.079	¹ 0.898 ± 0.079	¹ 0.893 ± 0.080
<i>glass-0-1-6-vs-2</i>	¹ 0.565 ± 0.111	¹ 0.593 ± 0.096	^{1,2} 0.587 ± 0.128	^{all} 0.698 ± 0.127	^{1,2,3,7} 0.709 ± 0.115	^{1,2,3,7} 0.601 ± 0.127	^{1,2,3} 0.628 ± 0.122
<i>ecoli-0-1-vs-5</i>	¹ 0.800 ± 0.143	¹ 0.830 ± 0.152	¹ 0.891 ± 0.088	^{1,2,3,6,7} 0.893 ± 0.080	^{1,2,3,6,7} 0.895 ± 0.082	¹ 0.893 ± 0.080	^{1,2,3} 0.900 ± 0.076
<i>yeast-1-4-5-8-vs-7</i>	¹ 0.544 ± 0.012	¹ 0.544 ± 0.022	^{1,2} 0.574 ± 0.045	^{1,2,3} 0.629 ± 0.098	^{1,2,3} 0.628 ± 0.098	^{1,2} 0.588 ± 0.071	^{1,2,3} 0.592 ± 0.079
<i>ecoli4</i>	¹ 0.886 ± 0.083	¹ 0.891 ± 0.068	^{1,2} 0.922 ± 0.079	^{1,2,3,6} 0.933 ± 0.082	^{1,2,3,6} 0.934 ± 0.080	^{1,2} 0.932 ± 0.079	^{1,2,6} 0.932 ± 0.077
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	¹ 0.853 ± 0.073	¹ 0.859 ± 0.067	^{1,2} 0.876 ± 0.070	^{1,2,3,7} 0.654 ± 0.090	^{1,2,3,4,7} 0.653 ± 0.090	^{1,2,3} 0.859 ± 0.118	^{1,2,6} 0.852 ± 0.123
<i>glass5</i>	^{4,5} 0.948 ± 0.103	^{4,5} 0.915 ± 0.149	^{1,2,4,5} 0.915 ± 0.149	¹ 0.908 ± 0.155	¹ 0.908 ± 0.155	^{4,5} 0.908 ± 0.155	^{4,5} 0.908 ± 0.154
<i>ecoli-0-3-4-6-vs-5</i>	¹ 0.755 ± 0.102	^{4,5,6,7} 0.797 ± 0.121	^{4,5,6,7} 0.884 ± 0.110	¹ 0.898 ± 0.090	¹ 0.900 ± 0.090	¹ 0.896 ± 0.094	¹ 0.891 ± 0.097
<i>yeast-0-5-6-7-9-vs-4</i>	¹ 0.501 ± 0.026	¹ 0.502 ± 0.022	^{1,2} 0.612 ± 0.146	^{1,2,3,7} 0.794 ± 0.049	^{1,2,3} 0.805 ± 0.049	^{1,2,3} 0.708 ± 0.119	^{1,2} 0.714 ± 0.129
<i>yeast6</i>	¹ 0.636 ± 0.023	¹ 0.653 ± 0.044	^{1,2} 0.722 ± 0.072	^{1,2,3,6,7} 0.885 ± 0.056	^{1,2,3,6,7} 0.885 ± 0.056	^{1,2,3} 0.857 ± 0.068	^{1,2,3} 0.870 ± 0.062
<i>ecoli-0-6-7-vs-5</i>	¹ 0.813 ± 0.124	¹ 0.834 ± 0.111	^{1,2} 0.870 ± 0.112	^{1,2,3,5} 0.869 ± 0.093	^{1,2,3} 0.874 ± 0.096	^{1,2,3} 0.860 ± 0.091	^{1,2,3} 0.863 ± 0.099
<i>glass-0-1-6-vs-5</i>	¹ 0.956 ± 0.109	¹ 0.920 ± 0.142	^{1,2} 0.920 ± 0.142	^{1,2,6,7} 0.886 ± 0.150	^{1,2,3,7} 0.886 ± 0.150	^{1,2} 0.886 ± 0.150	^{1,2} 0.886 ± 0.150
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.831 ± 0.193	¹ 0.844 ± 0.198	¹ 0.845 ± 0.199	¹ 0.847 ± 0.203	¹ 0.844 ± 0.203	¹ 0.843 ± 0.202	¹ 0.842 ± 0.202
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	¹ 0.675 ± 0.048	¹ 0.767 ± 0.058	¹ 0.769 ± 0.048	^{1,2,5,6,7} 0.694 ± 0.056	¹ 0.772 ± 0.053	¹ 0.651 ± 0.049	¹ 0.738 ± 0.069
<i>ecoli-0-1-4-7-vs-5-6</i>	⁶ 0.742 ± 0.131	^{1,4,6,7} 0.816 ± 0.131	^{1,4,6,7} 0.862 ± 0.112	^{1,6} 0.838 ± 0.104	^{1,4,6,7} 0.871 ± 0.104	¹ 0.846 ± 0.090	^{1,4,6} 0.892 ± 0.081
<i>yeast5</i>	¹ 0.825 ± 0.024	¹ 0.798 ± 0.035	^{1,2} 0.841 ± 0.029	¹ 0.975 ± 0.021	^{1,2} 0.976 ± 0.020	^{1,2} 0.973 ± 0.025	^{1,2,3,4,6} 0.973 ± 0.027
<i>shuttle-c2-vs-c4</i>	² 0.988 ± 0.022	¹ 0.937 ± 0.154	^{1,2} 0.938 ± 0.154	^{1,2,3} 0.915 ± 0.184	^{1,2,3} 0.920 ± 0.176	^{1,2,3} 0.912 ± 0.184	^{1,2,3} 0.917 ± 0.176
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	¹ 0.651 ± 0.090	¹ 0.661 ± 0.120	¹ 0.713 ± 0.126	⁶ 0.689 ± 0.118	⁶ 0.769 ± 0.129	¹ 0.728 ± 0.115	¹ 0.794 ± 0.123
<i>yeast-0-3-5-9-vs-7-8</i>	¹ 0.550 ± 0.018	¹ 0.545 ± 0.037	^{1,2} 0.606 ± 0.084	^{1,2} 0.695 ± 0.073	^{1,2,3,4,6} 0.698 ± 0.075	^{1,2,4} 0.628 ± 0.076	^{1,2,3,4,6} 0.653 ± 0.087
<i>yeast-1-vs-7</i>	² 0.594 ± 0.037	¹ 0.581 ± 0.047	^{1,2} 0.648 ± 0.094	^{1,2,3,6,7} 0.680 ± 0.100	^{all} 0.674 ± 0.096	^{1,2} 0.650 ± 0.078	^{1,2,3} 0.659 ± 0.086
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.540 ± 0.011	¹ 0.538 ± 0.024	^{1,2} 0.573 ± 0.054	^{1,2,5,6} 0.687 ± 0.090	^{1,2} 0.687 ± 0.089	^{1,2} 0.613 ± 0.068	^{1,2} 0.626 ± 0.078
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.847 ± 0.098	¹ 0.881 ± 0.088	^{1,2} 0.892 ± 0.090	^{1,2,3,6,7} 0.899 ± 0.080	^{1,2,3,6,7} 0.905 ± 0.078	^{1,2,3} 0.894 ± 0.082	^{1,2,3,6} 0.899 ± 0.084
<i>glass-0-1-5-vs-2</i>	¹ 0.555 ± 0.134	¹ 0.527 ± 0.112	^{1,2} 0.578 ± 0.135	^{1,2,3,6,7} 0.685 ± 0.115	^{1,2,3,7} 0.700 ± 0.117	^{1,2,3} 0.581 ± 0.105	^{1,2,3} 0.594 ± 0.106
<i>yeast-2-vs-4</i>	² 0.608 ± 0.128	¹ 0.556 ± 0.098	² 0.750 ± 0.171	^{1,2,3,6,7} 0.868 ± 0.066	^{1,2,3,6,7} 0.870 ± 0.060	² 0.836 ± 0.091	^{1,2} 0.843 ± 0.098
<i>glass-0-6-vs-5</i>	² 0.945 ± 0.140	¹ 0.936 ± 0.136	^{1,2} 0.936 ± 0.136	^{1,2,3,6} 0.875 ± 0.175	^{1,2,3,6,7} 0.875 ± 0.175	^{1,2,3} 0.875 ± 0.175	^{1,2,3} 0.875 ± 0.174
<i>glass2</i>	¹ 0.607 ± 0.098	¹ 0.624 ± 0.094	¹ 0.614 ± 0.124	¹ 0.718 ± 0.115	¹ 0.738 ± 0.116	¹ 0.635 ± 0.115	¹ 0.660 ± 0.095
<i>yeast-2-vs-8</i>	¹ 0.637 ± 0.090	¹ 0.640 ± 0.096	¹ 0.765 ± 0.086	^{1,2,3,6,7} 0.782 ± 0.111	^{1,2,3,6,7} 0.799 ± 0.105	¹ 0.772 ± 0.098	^{1,2,3} 0.784 ± 0.096
<i>vowel0</i>	¹ 0.915 ± 0.037	¹ 0.902 ± 0.026	^{1,2} 0.916 ± 0.025	^{1,2,3} 0.887 ± 0.058	^{1,2,3,7} 0.930 ± 0.048	^{1,2} 0.881 ± 0.054	^{1,2,3} 0.903 ± 0.043
<i>glass-0-4-vs-5</i>	^{2,4,6,7} 0.975 ± 0.083	⁶ 0.940 ± 0.112	^{2,4,6,7} 0.940 ± 0.112	⁶ 0.935 ± 0.120	^{all} 0.940 ± 0.117	¹ 0.935 ± 0.120	⁶ 0.940 ± 0.117
<i>glass-0-1-4-6-vs-2</i>	¹ 0.579 ± 0.128	¹ 0.592 ± 0.131	¹ 0.594 ± 0.146	¹ 0.695 ± 0.118	¹ 0.721 ± 0.106	¹ 0.628 ± 0.115	¹ 0.642 ± 0.094
<i>yeast4</i>	¹ 0.551 ± 0.039	¹ 0.530 ± 0.030	¹ 0.561 ± 0.047	^{1,2,3,6,7} 0.811 ± 0.065	^{1,2,3,6,7} 0.812 ± 0.064	^{1,2} 0.675 ± 0.102	^{1,2} 0.667 ± 0.119
<i>ecoli-0-4-6-vs-5</i>	² 0.851 ± 0.114	¹ 0.873 ± 0.107	^{1,2} 0.892 ± 0.101	^{1,2,3,6,7} 0.901 ± 0.083	^{1,2,3,6,7} 0.899 ± 0.083	^{1,2,3,7} 0.896 ± 0.087	^{1,2,3} 0.900 ± 0.084
<i>page-blocks-1-3-vs-4</i>	¹ 0.765 ± 0.095	¹ 0.776 ± 0.104	^{1,2} 0.817 ± 0.127	^{1,2,6,7} 0.754 ± 0.092	^{1,2} 0.779 ± 0.108	^{1,2} 0.757 ± 0.092	^{1,2} 0.756 ± 0.091
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	¹ 0.576 ± 0.028	¹ 0.541 ± 0.052	^{1,2,4,6,7} 0.641 ± 0.131	¹ 0.886 ± 0.032	^{1,6,7} 0.886 ± 0.033	⁷ 0.831 ± 0.088	⁴ 0.881 ± 0.055
<i>ecoli-0-1-vs-2-3-5</i>	² 0.607 ± 0.157	¹ 0.605 ± 0.156	^{1,2} 0.752 ± 0.163	^{1,2,3,6} 0.719 ± 0.136	^{1,2,3,6} 0.778 ± 0.159	^{1,2,3} 0.765 ± 0.130	^{1,2,3,6} 0.820 ± 0.134
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.587 ± 0.158	¹ 0.620 ± 0.167	^{1,2} 0.618 ± 0.168	^{1,2} 0.586 ± 0.121	^{1,2,3,4} 0.677 ± 0.122	^{1,2,4} 0.600 ± 0.130	^{all} 0.650 ± 0.148
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.778 ± 0.080	¹ 0.833 ± 0.127	¹ 0.885 ± 0.084	¹ 0.872 ± 0.080	^{all} 0.884 ± 0.077	¹ 0.883 ± 0.086	^{1,2,3,4,6} 0.892 ± 0.075
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.586 ± 0.145	¹ 0.617 ± 0.158	^{1,2} 0.626 ± 0.154	^{1,2} 0.599 ± 0.118	^{1,2} 0.693 ± 0.108	^{1,2} 0.596 ± 0.121	^{1,2} 0.656 ± 0.140
<i>shuttle-c0-vs-c4</i>	¹ 0.990 ± 0.012	¹ 0.989 ± 0.012	¹ 0.989 ± 0.012	¹ 0.992 ± 0.012	^{all} 0.992 ± 0.012	¹ 0.992 ± 0.012	^{1,2,4,6} 0.992 ± 0.012
<i>ecoli-0-3-4-vs-5</i>	¹ 0.788 ± 0.105	¹ 0.803 ± 0.128	¹ 0.890 ± 0.109	^{1,2,3} 0.908 ± 0.104	^{1,2,3} 0.907 ± 0.104	^{1,2,3} 0.903 ± 0.102	^{1,2,3} 0.901 ± 0.102
	¹ —	¹ —	^{1,2} —	^{1,2,3,6,7} —	^{1,2,3,7} —	^{1,2,3} —	^{1,2,3} —

Table 1: Results for BAC metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.317	2.634	3.963	4.720	5.976	3.671	4.720
	—	—	1,2	1,2,6	<i>all</i>	1,2	1,2,6

Table 2: Results for mean ranks according to BAC metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.190 ± 0.222	0.395 ± 0.190	0.451 ± 0.204	0.470 ± 0.236	0.513 ± 0.218	0.400 ± 0.208	0.459 ± 0.224
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.442 ± 0.170	¹ 0.492 ± 0.237	^{1,2} 0.682 ± 0.199	^{1,2,6} 0.796 ± 0.127	^{1,2,3,6,7} 0.779 ± 0.132	¹ 0.771 ± 0.132	¹ 0.748 ± 0.144
<i>glass-0-1-6-vs-2</i>	[−] 0.184 ± 0.057	[−] 0.196 ± 0.050	^{1,2} 0.197 ± 0.070	<i>all</i> 0.293 ± 0.106	^{1,2,3,7} 0.300 ± 0.099	^{1,2,3,7} 0.202 ± 0.074	^{1,2,3} 0.222 ± 0.085
<i>ecoli-0-1-vs-5</i>	[−] 0.667 ± 0.299	[−] 0.682 ± 0.285	¹ 0.819 ± 0.127	^{1,2,3,6,7} 0.857 ± 0.110	^{1,2,3,6,7} 0.858 ± 0.115	¹ 0.855 ± 0.110	^{1,2,3} 0.862 ± 0.110
<i>yeast-1-4-5-8-vs-7</i>	[−] 0.090 ± 0.002	[−] 0.090 ± 0.004	^{1,2} 0.097 ± 0.009	^{1,2,3} 0.144 ± 0.052	^{1,2,3} 0.143 ± 0.052	^{1,2,3} 0.111 ± 0.036	^{1,2,3} 0.115 ± 0.042
<i>ecoli4</i>	[−] 0.454 ± 0.158	[−] 0.449 ± 0.135	^{1,2} 0.653 ± 0.208	^{1,2,3,6,7} 0.798 ± 0.169	^{1,2,3,6,7} 0.764 ± 0.161	^{1,2,3} 0.759 ± 0.176	^{1,2,6} 0.724 ± 0.171
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.553 ± 0.117	[−] 0.532 ± 0.103	^{1,2} 0.630 ± 0.152	<i>all</i> 0.389 ± 0.173	^{1,2,3,7} 0.386 ± 0.173	^{1,2,3,7} 0.579 ± 0.176	^{1,2,3} 0.561 ± 0.172
<i>glass5</i>	^{2,4,5} 0.747 ± 0.183	^{4,5} 0.721 ± 0.256	<i>all</i> 0.721 ± 0.256	[−] 0.809 ± 0.278	[−] 0.809 ± 0.278	^{2,4,5} 0.809 ± 0.278	^{4,5} 0.805 ± 0.276
<i>ecoli-0-3-4-6-vs-5</i>	[−] 0.384 ± 0.145	[−] 0.467 ± 0.189	[−] 0.697 ± 0.211	^{1,2,3} 0.768 ± 0.154	^{1,2,3} 0.765 ± 0.152	^{1,2,3} 0.761 ± 0.169	^{1,2,3} 0.745 ± 0.175
<i>yeast-0-5-6-7-9-vs-4</i>	[−] 0.176 ± 0.008	¹ 0.176 ± 0.007	^{1,2} 0.268 ± 0.131	^{1,2,3,7} 0.443 ± 0.074	^{1,2,3} 0.444 ± 0.076	^{1,2,3} 0.364 ± 0.126	^{1,2,3} 0.354 ± 0.119
<i>yeast6</i>	[−] 0.063 ± 0.004	[−] 0.067 ± 0.009	^{1,2} 0.093 ± 0.032	^{1,2,3,6,7} 0.368 ± 0.050	^{1,2,3,6,7} 0.365 ± 0.052	^{1,2,3,7} 0.274 ± 0.125	^{1,2,3} 0.297 ± 0.122
<i>ecoli-0-6-7-vs-5</i>	[−] 0.610 ± 0.231	¹ 0.518 ± 0.166	^{1,2} 0.662 ± 0.207	<i>all</i> 0.741 ± 0.156	^{1,2,3,6} 0.731 ± 0.155	^{1,2,3} 0.699 ± 0.162	^{1,2,3} 0.690 ± 0.173
<i>glass-0-1-6-vs-5</i>	² 0.807 ± 0.227	[−] 0.798 ± 0.259	^{1,2} 0.798 ± 0.259	^{1,2,3,6,7} 0.776 ± 0.267	^{1,2,3,7} 0.776 ± 0.267	^{1,2,3} 0.776 ± 0.267	^{1,2,3} 0.776 ± 0.267
<i>ecoli-0-1-3-7-vs-2-6</i>	[−] 0.421 ± 0.251	[−] 0.593 ± 0.344	[−] 0.615 ± 0.357	[−] 0.696 ± 0.380	[−] 0.659 ± 0.370	[−] 0.618 ± 0.358	[−] 0.609 ± 0.357
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.466 ± 0.094	¹ 0.586 ± 0.090	¹ 0.592 ± 0.076	^{1,2,3,6,7} 0.512 ± 0.112	^{1,2} 0.618 ± 0.087	¹ 0.428 ± 0.102	¹ 0.566 ± 0.115
<i>ecoli-0-1-4-7-vs-5-6</i>	⁶ 0.590 ± 0.239	^{1,4,6} 0.645 ± 0.223	^{1,4,6} 0.735 ± 0.189	^{1,6} 0.752 ± 0.180	<i>all</i> 0.776 ± 0.182	[−] 0.752 ± 0.140	^{1,4,6} 0.789 ± 0.141
<i>yeast5</i>	[−] 0.152 ± 0.019	¹ 0.136 ± 0.022	^{1,2} 0.168 ± 0.028	^{1,2} 0.613 ± 0.067	^{1,2,3} 0.614 ± 0.067	^{1,2} 0.605 ± 0.088	^{1,2,3} 0.606 ± 0.091
<i>shuttle-c2-vs-c4</i>	² 0.881 ± 0.211	[−] 0.866 ± 0.312	^{1,2} 0.868 ± 0.309	^{1,2,3} 0.833 ± 0.366	^{1,2,3} 0.847 ± 0.347	^{1,2,3} 0.789 ± 0.363	^{1,2,3} 0.803 ± 0.345
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.426 ± 0.208	[−] 0.432 ± 0.240	[−] 0.533 ± 0.233	[−] 0.500 ± 0.242	[−] 0.645 ± 0.231	[−] 0.574 ± 0.213	[−] 0.656 ± 0.207
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.196 ± 0.006	[−] 0.200 ± 0.044	^{1,2} 0.269 ± 0.119	^{1,2} 0.365 ± 0.094	^{1,2,3,4} 0.362 ± 0.101	^{1,2,4} 0.300 ± 0.110	^{1,2,3,4,6} 0.321 ± 0.114
<i>yeast-1-vs-7</i>	[−] 0.148 ± 0.011	[−] 0.144 ± 0.015	^{1,2} 0.190 ± 0.064	<i>all</i> 0.236 ± 0.077	^{1,2,3,6,7} 0.228 ± 0.066	^{1,2,3} 0.188 ± 0.060	^{1,2,3} 0.193 ± 0.055
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.066 ± 0.001	[−] 0.066 ± 0.003	^{1,2} 0.072 ± 0.008	<i>all</i> 0.170 ± 0.058	^{1,2,3,6,7} 0.170 ± 0.058	^{1,2} 0.102 ± 0.051	^{1,2} 0.114 ± 0.059
<i>ecoli-0-1-4-6-vs-5</i>	[−] 0.652 ± 0.214	[−] 0.626 ± 0.173	^{1,2} 0.712 ± 0.180	^{1,2,3,6,7} 0.805 ± 0.113	^{1,2,3,6,7} 0.798 ± 0.111	^{1,2,3} 0.775 ± 0.121	^{1,2,3} 0.767 ± 0.136
<i>glass-0-1-5-vs-2</i>	[−] 0.200 ± 0.081	[−] 0.184 ± 0.058	^{1,2} 0.215 ± 0.099	^{1,2,3,6,7} 0.294 ± 0.099	^{1,2,3,7} 0.304 ± 0.098	^{1,2,3} 0.212 ± 0.064	^{1,2,3} 0.220 ± 0.069
<i>yeast-2-vs-4</i>	² 0.301 ± 0.222	[−] 0.221 ± 0.112	² 0.491 ± 0.243	^{1,2,3,6,7} 0.724 ± 0.112	^{1,2,3,6,7} 0.702 ± 0.100	² 0.643 ± 0.190	² 0.625 ± 0.158
<i>glass-0-6-vs-5</i>	² 0.867 ± 0.273	[−] 0.868 ± 0.249	^{1,2} 0.868 ± 0.249	<i>all</i> 0.793 ± 0.325	^{1,2,3,7} 0.793 ± 0.325	^{1,2,3,7} 0.793 ± 0.325	^{1,2,3} 0.789 ± 0.324
<i>glass2</i>	[−] 0.186 ± 0.050	[−] 0.194 ± 0.048	[−] 0.194 ± 0.068	[−] 0.304 ± 0.105	[−] 0.321 ± 0.112	[−] 0.201 ± 0.062	[−] 0.213 ± 0.058
<i>yeast-2-vs-8</i>	[−] 0.193 ± 0.205	[−] 0.179 ± 0.172	¹ 0.357 ± 0.191	^{1,2,3,6,7} 0.633 ± 0.195	^{1,2,3,6,7} 0.629 ± 0.178	[−] 0.587 ± 0.234	^{1,2} 0.495 ± 0.220
<i>vowel0</i>	[−] 0.720 ± 0.049	[−] 0.588 ± 0.036	^{1,2} 0.628 ± 0.035	^{1,2,3,6,7} 0.806 ± 0.077	^{1,2,3,7} 0.812 ± 0.065	^{1,2,3,7} 0.743 ± 0.079	^{1,2,3} 0.653 ± 0.060
<i>glass-0-4-vs-5</i>	^{2,3,7} 0.925 ± 0.170	[−] 0.879 ± 0.187	² 0.879 ± 0.187	^{1,2,3,6,7} 0.907 ± 0.189	^{1,2,3,6,7} 0.913 ± 0.186	^{1,2,3,7} 0.907 ± 0.189	^{2,3} 0.913 ± 0.186
<i>glass-0-1-4-6-vs-2</i>	[−] 0.177 ± 0.060	[−] 0.182 ± 0.056	[−] 0.186 ± 0.073	[−] 0.288 ± 0.102	[−] 0.308 ± 0.093	[−] 0.213 ± 0.074	[−] 0.220 ± 0.069
<i>yeast4</i>	[−] 0.074 ± 0.006	[−] 0.070 ± 0.005	¹ 0.076 ± 0.008	^{1,2,3,6,7} 0.324 ± 0.054	^{1,2,3,6,7} 0.323 ± 0.054	^{1,2,3} 0.166 ± 0.116	^{1,2,3} 0.174 ± 0.121
<i>ecoli-0-4-6-vs-5</i>	² 0.670 ± 0.212	[−] 0.650 ± 0.184	^{1,2} 0.742 ± 0.200	^{1,2,3,6,7} 0.784 ± 0.143	^{1,2,3,6,7} 0.775 ± 0.143	^{1,2,3} 0.768 ± 0.153	^{1,2,3,6} 0.768 ± 0.144
<i>page-blocks-1-3-vs-4</i>	[−] 0.502 ± 0.143	[−] 0.489 ± 0.149	^{1,2} 0.538 ± 0.167	^{1,2,7} 0.539 ± 0.157	^{1,2} 0.554 ± 0.165	^{1,2} 0.534 ± 0.151	^{1,2} 0.513 ± 0.144
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	² 0.206 ± 0.012	[−] 0.198 ± 0.055	^{1,2} 0.307 ± 0.195	^{1,2,7} 0.642 ± 0.094	^{1,2,3,6,7} 0.623 ± 0.082	^{1,2,7} 0.544 ± 0.201	^{1,2} 0.620 ± 0.105
<i>ecoli-0-1-vs-2-3-5</i>	² 0.267 ± 0.338	[−] 0.258 ± 0.332	^{1,2} 0.598 ± 0.328	^{1,2,3,5} 0.550 ± 0.310	^{1,2,3,7} 0.646 ± 0.327	^{1,2,3} 0.645 ± 0.252	^{1,2,3} 0.733 ± 0.245
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.202 ± 0.307	[−] 0.260 ± 0.296	^{1,2,4} 0.254 ± 0.297	^{1,2} 0.226 ± 0.279	^{1,2,4} 0.452 ± 0.238	^{1,2,4} 0.256 ± 0.272	<i>all</i> 0.355 ± 0.281
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.414 ± 0.114	¹ 0.563 ± 0.198	¹ 0.714 ± 0.155	[−] 0.747 ± 0.125	<i>all</i> 0.753 ± 0.121	[−] 0.744 ± 0.148	^{1,2,3,4,6} 0.741 ± 0.147
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.216 ± 0.296	¹ 0.269 ± 0.284	^{1,2} 0.296 ± 0.279	^{1,2} 0.265 ± 0.275	^{1,2,3} 0.489 ± 0.201	^{1,2} 0.254 ± 0.263	^{1,2} 0.380 ± 0.254
<i>shuttle-c0-vs-c4</i>	[−] 0.978 ± 0.022	[−] 0.976 ± 0.021	¹ 0.976 ± 0.021	[−] 0.992 ± 0.013	<i>all</i> 0.992 ± 0.013	[−] 0.992 ± 0.013	[−] 0.992 ± 0.013
<i>ecoli-0-3-4-vs-5</i>	[−] 0.443 ± 0.172	[−] 0.489 ± 0.211	^{1,2} 0.720 ± 0.189	^{1,2,3} 0.797 ± 0.165	^{1,2,3} 0.793 ± 0.162	^{1,2,3} 0.769 ± 0.168	^{1,2,3} 0.749 ± 0.167
	[−]	¹	^{1,2}	^{1,2,3,6,7}	^{1,2,3,7}	^{1,2,3}	^{1,2}

Table 3: Results for F1 metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.146	2.085	3.500	5.549	5.963	4.159	4.598
	−	−	1,2	1,2,3,6,7	1,2,3,6,7	1,2,3	1,2,3

Table 4: Results for mean ranks according to F1 metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.207 ± 0.281	0.311 ± 0.196	0.383 ± 0.211	0.434 ± 0.248	0.455 ± 0.222	0.365 ± 0.233	0.391 ± 0.220
<i>ecoli-0-2-3-4-vs-5</i>	¹ 0.337 ± 0.200	¹ 0.427 ± 0.282	^{1,2} 0.618 ± 0.257	^{1,2,3,6,7} 0.790 ± 0.179	^{1,2,3,6,7} 0.760 ± 0.187	¹ 0.746 ± 0.184	^{1,2} 0.710 ± 0.198
<i>glass-0-1-6-vs-2</i>	¹ 0.106 ± 0.034	¹ 0.111 ± 0.030	^{1,2} 0.115 ± 0.043	<i>all</i> 0.188 ± 0.073	^{1,2,3,7} 0.192 ± 0.069	^{1,2,3,7} 0.119 ± 0.047	^{1,2,3} 0.132 ± 0.057
<i>ecoli-0-1-vs-5</i>	¹ 0.785 ± 0.364	¹ 0.730 ± 0.312	¹ 0.879 ± 0.145	^{1,2,3,6,7} 0.963 ± 0.094	^{1,2,3,6,7} 0.957 ± 0.103	¹ 0.961 ± 0.100	^{1,2} 0.952 ± 0.116
<i>yeast-1-4-5-8-vs-7</i>	¹ 0.047 ± 0.001	¹ 0.047 ± 0.002	² 0.051 ± 0.005	^{1,2,3} 0.084 ± 0.031	^{1,2,3} 0.084 ± 0.031	^{1,2,3} 0.061 ± 0.022	^{1,2,3} 0.064 ± 0.026
<i>ecoli4</i>	¹ 0.315 ± 0.155	¹ 0.306 ± 0.135	^{1,2} 0.538 ± 0.241	^{1,2,3,6,7} 0.752 ± 0.214	^{1,2,3,6,7} 0.692 ± 0.207	^{1,2,3} 0.696 ± 0.230	^{1,2,3,6} 0.638 ± 0.218
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	¹ 0.428 ± 0.117	¹ 0.395 ± 0.099	^{1,2} 0.533 ± 0.200	<i>all</i> 0.510 ± 0.245	^{1,2,3,7} 0.490 ± 0.238	^{1,2,3,7} 0.484 ± 0.175	^{1,2,3} 0.469 ± 0.158
<i>glass5</i>	² 0.655 ± 0.213	¹ 0.660 ± 0.272	^{1,2,6,7} 0.660 ± 0.272	² 0.850 ± 0.292	² 0.850 ± 0.292	² 0.850 ± 0.292	² 0.843 ± 0.293
<i>ecoli-0-3-4-6-vs-5</i>	¹ 0.274 ± 0.157	¹ 0.350 ± 0.189	¹ 0.621 ± 0.245	^{1,2,3} 0.734 ± 0.186	^{1,2,3} 0.725 ± 0.185	^{1,2,3} 0.722 ± 0.205	^{1,2,3} 0.701 ± 0.209
<i>yeast-0-5-6-7-9-vs-4</i>	¹ 0.097 ± 0.005	¹ 0.097 ± 0.004	^{1,2} 0.168 ± 0.105	^{1,2,3,7} 0.321 ± 0.091	^{1,2,3} 0.311 ± 0.081	^{1,2,3} 0.264 ± 0.125	^{1,2,3} 0.238 ± 0.099
<i>yeast6</i>	¹ 0.032 ± 0.002	¹ 0.035 ± 0.005	^{1,2} 0.050 ± 0.018	^{1,2,3,6,7} 0.238 ± 0.038	^{1,2,3,6,7} 0.235 ± 0.040	^{1,2,3,7} 0.171 ± 0.089	^{1,2,3} 0.187 ± 0.086
<i>ecoli-0-6-7-vs-5</i>	¹ 0.597 ± 0.279	¹ 0.402 ± 0.181	^{1,2} 0.590 ± 0.241	<i>all</i> 0.745 ± 0.196	^{1,2,3,6} 0.715 ± 0.193	^{1,2,3} 0.680 ± 0.215	^{1,2,3} 0.655 ± 0.214
<i>glass-0-1-6-vs-5</i>	² 0.756 ± 0.272	¹ 0.797 ± 0.285	² 0.797 ± 0.285	<i>all</i> 0.827 ± 0.286	^{1,2,3,7} 0.827 ± 0.286	^{1,2,3} 0.827 ± 0.286	^{1,2,3} 0.827 ± 0.286
<i>ecoli-0-1-3-7-vs-2-6</i>	¹ 0.353 ± 0.279	¹ 0.570 ± 0.372	¹ 0.610 ± 0.389	¹ 0.733 ± 0.401	¹ 0.672 ± 0.397	¹ 0.618 ± 0.394	¹ 0.606 ± 0.394
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	¹ 0.643 ± 0.115	¹ 0.611 ± 0.079	¹ 0.616 ± 0.089	^{1,2,3,6,7} 0.719 ± 0.111	^{1,2} 0.682 ± 0.092	¹ 0.692 ± 0.131	¹ 0.677 ± 0.098
<i>ecoli-0-1-4-7-vs-5-6</i>	² 0.838 ± 0.239	¹ 0.686 ± 0.243	¹ 0.763 ± 0.213	<i>all</i> 0.876 ± 0.181	^{1,2,3} 0.832 ± 0.194	^{1,2,3} 0.840 ± 0.160	^{1,2,3} 0.804 ± 0.178
<i>yeast5</i>	^{2,3} 0.082 ± 0.011	¹ 0.073 ± 0.013	² 0.092 ± 0.017	^{2,3,5,6,7} 0.448 ± 0.068	^{2,3} 0.448 ± 0.068	^{2,3} 0.441 ± 0.083	² 0.441 ± 0.084
<i>shuttle-c2-vs-c4</i>	² 0.840 ± 0.277	¹ 0.872 ± 0.320	^{1,2} 0.875 ± 0.316	^{1,2,3} 0.840 ± 0.366	^{1,2,3} 0.860 ± 0.346	^{1,2,3} 0.773 ± 0.375	^{1,2,3} 0.793 ± 0.359
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	¹ 0.778 ± 0.304	¹ 0.757 ± 0.319	¹ 0.812 ± 0.252	¹ 0.855 ± 0.289	¹ 0.910 ± 0.160	¹ 0.855 ± 0.213	¹ 0.783 ± 0.223
<i>yeast-0-3-5-9-vs-7-8</i>	¹ 0.109 ± 0.003	¹ 0.122 ± 0.082	¹ 0.207 ± 0.152	^{1,2,3,7} 0.341 ± 0.177	^{1,2,3,7} 0.309 ± 0.153	^{1,2,7} 0.351 ± 0.268	¹ 0.312 ± 0.216
<i>yeast-1-vs-7</i>	¹ 0.080 ± 0.006	¹ 0.078 ± 0.008	^{1,2} 0.110 ± 0.042	^{1,2,3,5} 0.149 ± 0.053	^{1,2,3} 0.141 ± 0.041	^{1,2,3,7} 0.110 ± 0.050	^{1,2,3} 0.112 ± 0.036
<i>yeast-1-2-8-9-vs-7</i>	¹ 0.034 ± 0.000	¹ 0.034 ± 0.001	^{1,2} 0.037 ± 0.004	<i>all</i> 0.102 ± 0.035	^{1,2,3,6,7} 0.102 ± 0.035	^{1,2} 0.057 ± 0.034	^{1,2} 0.066 ± 0.038
<i>ecoli-0-1-4-6-vs-5</i>	¹ 0.624 ± 0.271	¹ 0.530 ± 0.214	^{1,2} 0.661 ± 0.236	^{1,2,3,6,7} 0.833 ± 0.157	^{1,2,3,6,7} 0.804 ± 0.161	^{1,2,3} 0.781 ± 0.171	^{1,2,3} 0.746 ± 0.180
<i>glass-0-1-5-vs-2</i>	² 0.119 ± 0.052	¹ 0.105 ± 0.034	^{1,2} 0.132 ± 0.075	^{1,2,3,6,7} 0.189 ± 0.068	^{1,2,3,7} 0.194 ± 0.068	^{1,2,3,7} 0.124 ± 0.040	^{1,2,3} 0.129 ± 0.046
<i>yeast-2-vs-4</i>	² 0.235 ± 0.270	¹ 0.134 ± 0.103	² 0.400 ± 0.242	^{1,2,3,6,7} 0.708 ± 0.169	^{1,2,3,6,7} 0.649 ± 0.136	² 0.604 ± 0.245	² 0.541 ± 0.174
<i>glass-0-6-vs-5</i>	² 0.853 ± 0.284	¹ 0.887 ± 0.254	^{1,2} 0.887 ± 0.254	<i>all</i> 0.880 ± 0.324	^{1,2,3,7} 0.880 ± 0.324	^{1,2,3,7} 0.880 ± 0.324	^{1,2,3} 0.873 ± 0.325
<i>glass2</i>	¹ 0.106 ± 0.029	¹ 0.110 ± 0.028	¹ 0.112 ± 0.040	¹ 0.199 ± 0.077	¹ 0.210 ± 0.084	¹ 0.115 ± 0.038	¹ 0.122 ± 0.037
<i>yeast-2-vs-8</i>	¹ 0.171 ± 0.241	¹ 0.145 ± 0.199	¹ 0.309 ± 0.236	^{1,2,3,6,7} 0.822 ± 0.253	^{1,2,3,6,7} 0.735 ± 0.253	¹ 0.739 ± 0.319	^{1,2} 0.518 ± 0.310
<i>vowel0</i>	¹ 0.610 ± 0.063	¹ 0.432 ± 0.038	^{1,2} 0.474 ± 0.040	<i>all</i> 0.836 ± 0.081	^{1,2,3,7} 0.751 ± 0.069	^{1,2,3,7} 0.703 ± 0.086	^{1,2,3} 0.519 ± 0.065
<i>glass-0-4-vs-5</i>	^{2,3,7} 0.913 ± 0.195	¹ 0.913 ± 0.195	² 0.913 ± 0.195	<i>all</i> 0.980 ± 0.139	^{1,2,3,6,7} 0.980 ± 0.139	^{1,2,3,7} 0.980 ± 0.139	^{2,3} 0.980 ± 0.139
<i>glass-0-1-4-6-vs-2</i>	¹ 0.101 ± 0.034	¹ 0.103 ± 0.032	¹ 0.107 ± 0.043	^{1,2,3} 0.186 ± 0.070	^{1,2,3} 0.198 ± 0.065	^{1,2,3} 0.127 ± 0.054	^{1,2,3} 0.132 ± 0.053
<i>yeast4</i>	¹ 0.038 ± 0.003	¹ 0.037 ± 0.002	^{1,2} 0.039 ± 0.004	^{1,2,3,6,7} 0.210 ± 0.036	^{1,2,3,6,7} 0.210 ± 0.037	^{1,2,3} 0.101 ± 0.082	^{1,2,3} 0.107 ± 0.083
<i>ecoli-0-4-6-vs-5</i>	² 0.621 ± 0.241	¹ 0.545 ± 0.190	^{1,2} 0.695 ± 0.244	^{1,2,3,6,7} 0.755 ± 0.177	^{1,2,3,6,7} 0.740 ± 0.178	^{1,2,3} 0.731 ± 0.184	^{1,2,3,6} 0.723 ± 0.175
<i>page-blocks-1-3-vs-4</i>	² 0.468 ± 0.156	¹ 0.431 ± 0.159	^{1,2} 0.465 ± 0.159	^{1,2,3,7} 0.570 ± 0.174	^{1,2} 0.552 ± 0.169	^{1,2} 0.550 ± 0.166	^{1,2} 0.507 ± 0.163
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	² 0.115 ± 0.007	¹ 0.112 ± 0.045	² 0.213 ± 0.188	^{1,2,3,6,7} 0.529 ± 0.147	^{1,2,3,7} 0.496 ± 0.121	^{1,2,3,7} 0.443 ± 0.236	^{1,2,3} 0.493 ± 0.125
<i>ecoli-0-1-vs-2-3-5</i>	² 0.433 ± 0.470	¹ 0.406 ± 0.459	^{1,2} 0.791 ± 0.371	^{1,2,3,5} 0.793 ± 0.399	^{1,2,3} 0.830 ± 0.365	^{1,2,3} 0.873 ± 0.265	^{1,2,3} 0.890 ± 0.234
<i>ecoli-0-6-7-vs-3-5</i>	¹ 0.219 ± 0.313	¹ 0.290 ± 0.305	^{1,2} 0.285 ± 0.305	^{1,2} 0.355 ± 0.426	^{1,2} 0.736 ± 0.335	^{1,2} 0.390 ± 0.405	^{1,2} 0.503 ± 0.379
<i>ecoli-0-3-4-7-vs-5-6</i>	¹ 0.326 ± 0.160	¹ 0.486 ± 0.199	¹ 0.658 ± 0.181	¹ 0.745 ± 0.149	<i>all</i> 0.731 ± 0.145	¹ 0.717 ± 0.168	^{1,2,3,4,6} 0.691 ± 0.177
<i>ecoli-0-2-6-7-vs-3-5</i>	¹ 0.266 ± 0.354	¹ 0.329 ± 0.326	^{1,2} 0.388 ± 0.342	^{1,2,3,7} 0.436 ± 0.434	^{1,2,3} 0.773 ± 0.263	^{1,2,3,7} 0.372 ± 0.380	^{1,2,3} 0.552 ± 0.348
<i>shuttle-c0-vs-c4</i>	¹ 0.976 ± 0.038	¹ 0.974 ± 0.037	¹ 0.974 ± 0.037	¹ 1.000 ± 0.000	<i>all</i> 1.000 ± 0.000	¹ 1.000 ± 0.000	^{1,2,6} 1.000 ± 0.000
<i>ecoli-0-3-4-vs-5</i>	¹ 0.335 ± 0.202	¹ 0.385 ± 0.225	^{1,2} 0.663 ± 0.220	^{1,2,3} 0.785 ± 0.180	^{1,2,3} 0.779 ± 0.178	^{1,2,3} 0.737 ± 0.195	^{1,2,3} 0.700 ± 0.185
	¹	¹	^{1,2}	^{1,2,3,6,7}	^{1,2,3,7}	^{1,2,3,7}	^{1,2}

Table 5: Results for Precision metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	1.829	1.756	3.220	6.256	5.866	4.720	4.354
	–	–	1,2	<i>all</i>	1,2,3,6,7	1,2,3	1,2,3

Table 6: Results for mean ranks according to Precision metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.210 ± 0.244	0.653 ± 0.270	0.633 ± 0.272	0.580 ± 0.320	0.663 ± 0.310	0.537 ± 0.313	0.633 ± 0.316
<i>ecoli-0-2-3-4-vs-5</i>	^{1,6} 0.830 ± 0.153	^{1,6} 0.795 ± 0.198	^{1,6} 0.835 ± 0.146	¹ 0.835 ± 0.155	^{1,4,6} 0.835 ± 0.155	¹ 0.835 ± 0.155	^{1,6} 0.835 ± 0.155
<i>glass-0-1-6-vs-2</i>	^{1,3,4,5,6} 0.737 ± 0.215	^{1,3,4,5,6} 0.845 ± 0.192	^{1,3,4,5,6} 0.742 ± 0.242	^{1,3,4,5,6} 0.700 ± 0.236	^{1,3,4,5,6} 0.723 ± 0.216	^{1,3,4,5,6} 0.765 ± 0.286	^{1,3,4,5,6} 0.818 ± 0.254
<i>ecoli-0-1-vs-5</i>	^{1,3,4,5,6} 0.620 ± 0.279	^{1,3,4,5,6} 0.680 ± 0.304	^{1,3,4,5,6} 0.795 ± 0.178	^{1,3,4,5,6} 0.790 ± 0.160	^{1,3,4,5,6} 0.795 ± 0.163	^{1,3,4,5,6} 0.790 ± 0.160	^{1,3,4,5,6} 0.805 ± 0.152
<i>yeast-1-4-5-8-vs-7</i>	^{1,3,4,5,6,7} 1.000 ± 0.000	^{1,3,4,5,6,7} 0.990 ± 0.051	^{1,3,4,5,6,7} 0.933 ± 0.105	^{1,3,4,5,6,7} 0.513 ± 0.193	^{1,3,4,5,6,7} 0.513 ± 0.193	^{1,3,4,5,6,7} 0.760 ± 0.243	^{1,3,4,5,6,7} 0.740 ± 0.252
<i>ecoli4</i>	^{1,3,4,5,6,7} 0.940 ± 0.106	^{1,3,4,5,6,7} 0.945 ± 0.103	^{1,3,4,5,6,7} 0.920 ± 0.116	^{1,3,4,5,6,7} 0.890 ± 0.159	^{1,3,4,5,6,7} 0.900 ± 0.158	^{1,3,4,5,6,7} 0.900 ± 0.158	^{1,3,4,5,6,7} 0.910 ± 0.156
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,3,4,5,6,7} 0.816 ± 0.137	^{1,3,4,5,6,7} 0.845 ± 0.118	^{1,3,4,5,6,7} 0.836 ± 0.127	^{1,3,4,5,6,7} 0.342 ± 0.177	^{1,3,4,5,6,7} 0.342 ± 0.177	^{1,3,4,5,6,7} 0.807 ± 0.251	^{1,3,4,5,6,7} 0.795 ± 0.268
<i>glass5</i>	^{1,3,4,5,6,7} 0.920 ± 0.208	^{1,3,4,5,6,7} 0.850 ± 0.304	^{1,3,4,5,6,7} 0.850 ± 0.304	^{1,3,4,5,6,7} 0.820 ± 0.312	^{1,3,4,5,6,7} 0.820 ± 0.312	^{1,3,4,5,6,7} 0.820 ± 0.312	^{1,3,4,5,6,7} 0.820 ± 0.312
<i>ecoli-0-3-4-6-vs-5</i>	^{1,3,4,5,6,7} 0.840 ± 0.171	^{1,3,4,5,6,7} 0.855 ± 0.166	^{1,3,4,5,6,7} 0.850 ± 0.173	^{1,3,4,5,6,7} 0.835 ± 0.170	^{1,3,4,5,6,7} 0.840 ± 0.171	^{1,3,4,5,6,7} 0.835 ± 0.170	^{1,3,4,5,6,7} 0.830 ± 0.176
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,3,4,5,6,7} 0.969 ± 0.045	^{1,3,4,5,6,7} 0.981 ± 0.038	^{1,3,4,5,6,7} 0.931 ± 0.084	^{1,3,4,5,6,7} 0.785 ± 0.125	^{1,3,4,5,6,7} 0.817 ± 0.102	^{1,3,4,5,6,7} 0.809 ± 0.186	^{1,3,4,5,6,7} 0.860 ± 0.143
<i>yeast6</i>	^{1,3,4,5,6,7} 0.986 ± 0.042	^{1,3,4,5,6,7} 0.977 ± 0.087	^{1,3,4,5,6,7} 0.940 ± 0.107	^{1,3,4,5,6,7} 0.837 ± 0.117	^{1,3,4,5,6,7} 0.837 ± 0.117	^{1,3,4,5,6,7} 0.880 ± 0.100	^{1,3,4,5,6,7} 0.883 ± 0.101
<i>ecoli-0-6-7-vs-5</i>	^{1,3,4,5,6,7} 0.720 ± 0.210	^{1,3,4,5,6,7} 0.835 ± 0.177	^{1,3,4,5,6,7} 0.825 ± 0.182	^{1,3,4,5,6,7} 0.770 ± 0.179	^{1,3,4,5,6,7} 0.785 ± 0.187	^{1,3,4,5,6,7} 0.770 ± 0.172	^{1,3,4,5,6,7} 0.780 ± 0.184
<i>glass-0-1-6-vs-5</i>	^{1,3,4,5,6,7} 0.930 ± 0.223	^{1,3,4,5,6,7} 0.850 ± 0.287	^{1,3,4,5,6,7} 0.850 ± 0.287	^{1,3,4,5,6,7} 0.780 ± 0.302	^{1,3,4,5,6,7} 0.780 ± 0.302	^{1,3,4,5,6,7} 0.780 ± 0.302	^{1,3,4,5,6,7} 0.780 ± 0.302
<i>ecoli-0-1-3-7-vs-2-6</i>	^{1,3,4,5,6,7} 0.700 ± 0.400	^{1,3,4,5,6,7} 0.700 ± 0.400	^{1,3,4,5,6,7} 0.700 ± 0.400	^{1,3,4,5,6,7} 0.700 ± 0.400	^{1,3,4,5,6,7} 0.700 ± 0.400	^{1,3,4,5,6,7} 0.700 ± 0.400	^{1,3,4,5,6,7} 0.700 ± 0.400
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,3,4,5,6,7} 0.372 ± 0.096	^{1,3,4,5,6,7} 0.574 ± 0.120	^{1,3,4,5,6,7} 0.579 ± 0.096	^{1,3,4,5,6,7} 0.405 ± 0.112	^{1,3,4,5,6,7} 0.574 ± 0.107	^{1,3,4,5,6,7} 0.317 ± 0.098	^{1,3,4,5,6,7} 0.504 ± 0.142
<i>ecoli-0-1-4-7-vs-5-6</i>	^{1,3,4,5,6,7} 0.492 ± 0.259	^{1,3,4,5,6,7} 0.660 ± 0.266	^{1,3,4,5,6,7} 0.748 ± 0.222	^{1,3,4,5,6,7} 0.684 ± 0.208	^{1,3,4,5,6,7} 0.756 ± 0.208	^{1,3,4,5,6,7} 0.704 ± 0.179	^{1,3,4,5,6,7} 0.804 ± 0.162
<i>yeast5</i>	^{1,3,4,5,6,7} 0.996 ± 0.031	^{1,3,4,5,6,7} 0.993 ± 0.034	^{1,3,4,5,6,7} 0.993 ± 0.034	^{1,3,4,5,6,7} 0.989 ± 0.040	^{1,3,4,5,6,7} 0.991 ± 0.037	^{1,3,4,5,6,7} 0.989 ± 0.040	^{1,3,4,5,6,7} 0.991 ± 0.037
<i>shuttle-c2-vs-c4</i>	^{1,3,4,5,6,7} 1.000 ± 0.000	^{1,3,4,5,6,7} 0.880 ± 0.309	^{1,3,4,5,6,7} 0.880 ± 0.309	^{1,3,4,5,6,7} 0.830 ± 0.368	^{1,3,4,5,6,7} 0.840 ± 0.352	^{1,3,4,5,6,7} 0.830 ± 0.368	^{1,3,4,5,6,7} 0.840 ± 0.352
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,3,4,5,6,7} 0.308 ± 0.178	^{1,3,4,5,6,7} 0.330 ± 0.241	^{1,3,4,5,6,7} 0.435 ± 0.255	^{1,3,4,5,6,7} 0.381 ± 0.236	^{1,3,4,5,6,7} 0.543 ± 0.258	^{1,3,4,5,6,7} 0.463 ± 0.231	^{1,3,4,5,6,7} 0.607 ± 0.243
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,3,4,5,6,7} 0.992 ± 0.033	^{1,3,4,5,6,7} 0.944 ± 0.151	^{1,3,4,5,6,7} 0.740 ± 0.279	^{1,3,4,5,6,7} 0.568 ± 0.237	^{1,3,4,5,6,7} 0.586 ± 0.227	^{1,3,4,5,6,7} 0.570 ± 0.298	^{1,3,4,5,6,7} 0.600 ± 0.271
<i>yeast-1-vs-7</i>	^{1,3,4,5,6,7} 0.973 ± 0.077	^{1,3,4,5,6,7} 0.910 ± 0.142	^{1,3,4,5,6,7} 0.783 ± 0.211	^{1,3,4,5,6,7} 0.613 ± 0.203	^{1,3,4,5,6,7} 0.610 ± 0.201	^{1,3,4,5,6,7} 0.813 ± 0.193	^{1,3,4,5,6,7} 0.790 ± 0.204
<i>yeast-1-2-8-9-vs-7</i>	^{1,3,4,5,6,7} 1.000 ± 0.000	^{1,3,4,5,6,7} 0.977 ± 0.074	^{1,3,4,5,6,7} 0.933 ± 0.120	^{1,3,4,5,6,7} 0.527 ± 0.177	^{1,3,4,5,6,7} 0.527 ± 0.177	^{1,3,4,5,6,7} 0.777 ± 0.257	^{1,3,4,5,6,7} 0.733 ± 0.264
<i>ecoli-0-1-4-6-vs-5</i>	^{1,3,4,5,6,7} 0.750 ± 0.173	^{1,3,4,5,6,7} 0.840 ± 0.156	^{1,3,4,5,6,7} 0.830 ± 0.169	^{1,3,4,5,6,7} 0.815 ± 0.164	^{1,3,4,5,6,7} 0.830 ± 0.161	^{1,3,4,5,6,7} 0.810 ± 0.170	^{1,3,4,5,6,7} 0.825 ± 0.167
<i>glass-0-1-5-vs-2</i>	^{1,3,4,5,6,7} 0.675 ± 0.253	^{1,3,4,5,6,7} 0.750 ± 0.234	^{1,3,4,5,6,7} 0.680 ± 0.256	^{1,3,4,5,6,7} 0.695 ± 0.242	^{1,3,4,5,6,7} 0.732 ± 0.242	^{1,3,4,5,6,7} 0.787 ± 0.231	^{1,3,4,5,6,7} 0.837 ± 0.222
<i>yeast-2-vs-4</i>	^{1,3,4,5,6,7} 0.921 ± 0.100	^{1,3,4,5,6,7} 0.958 ± 0.061	^{1,3,4,5,6,7} 0.863 ± 0.112	^{1,3,4,5,6,7} 0.779 ± 0.137	^{1,3,4,5,6,7} 0.794 ± 0.124	^{1,3,4,5,6,7} 0.794 ± 0.131	^{1,3,4,5,6,7} 0.812 ± 0.126
<i>glass-0-6-vs-5</i>	^{1,3,4,5,6,7} 0.900 ± 0.282	^{1,3,4,5,6,7} 0.880 ± 0.274	^{1,3,4,5,6,7} 0.880 ± 0.274	^{1,3,4,5,6,7} 0.750 ± 0.350	^{1,3,4,5,6,7} 0.750 ± 0.350	^{1,3,4,5,6,7} 0.750 ± 0.350	^{1,3,4,5,6,7} 0.750 ± 0.350
<i>glass2</i>	^{1,3,4,5,6,7} 0.773 ± 0.200	^{1,3,4,5,6,7} 0.825 ± 0.192	^{1,3,4,5,6,7} 0.737 ± 0.242	^{1,3,4,5,6,7} 0.683 ± 0.222	^{1,3,4,5,6,7} 0.725 ± 0.216	^{1,3,4,5,6,7} 0.837 ± 0.209	^{1,3,4,5,6,7} 0.887 ± 0.168
<i>yeast-2-vs-8</i>	^{1,3,4,5,6,7} 0.890 ± 0.218	^{1,3,4,5,6,7} 0.870 ± 0.207	^{1,3,4,5,6,7} 0.690 ± 0.221	^{1,3,4,5,6,7} 0.575 ± 0.225	^{1,3,4,5,6,7} 0.615 ± 0.213	^{1,3,4,5,6,7} 0.595 ± 0.217	^{1,3,4,5,6,7} 0.645 ± 0.229
<i>vowel0</i>	^{1,3,4,5,6,7} 0.889 ± 0.081	^{1,3,4,5,6,7} 0.929 ± 0.059	^{1,3,4,5,6,7} 0.938 ± 0.057	^{1,3,4,5,6,7} 0.790 ± 0.119	^{1,3,4,5,6,7} 0.891 ± 0.096	^{1,3,4,5,6,7} 0.797 ± 0.107	^{1,3,4,5,6,7} 0.891 ± 0.090
<i>glass-0-4-vs-5</i>	^{1,3,4,5,6,7} 0.960 ± 0.168	^{1,3,4,5,6,7} 0.890 ± 0.229	^{1,3,4,5,6,7} 0.890 ± 0.229	^{1,3,4,5,6,7} 0.870 ± 0.241	^{1,3,4,5,6,7} 0.880 ± 0.235	^{1,3,4,5,6,7} 0.870 ± 0.241	^{1,3,4,5,6,7} 0.880 ± 0.235
<i>glass-0-1-4-6-vs-2</i>	^{1,3,4,5,6,7} 0.745 ± 0.267	^{1,3,4,5,6,7} 0.797 ± 0.270	^{1,3,4,5,6,7} 0.738 ± 0.293	^{1,3,4,5,6,7} 0.660 ± 0.232	^{1,3,4,5,6,7} 0.717 ± 0.199	^{1,3,4,5,6,7} 0.788 ± 0.238	^{1,3,4,5,6,7} 0.818 ± 0.213
<i>yeast4</i>	^{1,3,4,5,6,7} 0.961 ± 0.057	^{1,3,4,5,6,7} 0.971 ± 0.052	^{1,3,4,5,6,7} 0.951 ± 0.065	^{1,3,4,5,6,7} 0.718 ± 0.137	^{1,3,4,5,6,7} 0.722 ± 0.132	^{1,3,4,5,6,7} 0.874 ± 0.152	^{1,3,4,5,6,7} 0.874 ± 0.160
<i>ecoli-0-4-6-vs-5</i>	^{1,3,4,5,6,7} 0.780 ± 0.184	^{1,3,4,5,6,7} 0.850 ± 0.158	^{1,3,4,5,6,7} 0.845 ± 0.165	^{1,3,4,5,6,7} 0.835 ± 0.155	^{1,3,4,5,6,7} 0.835 ± 0.155	^{1,3,4,5,6,7} 0.830 ± 0.161	^{1,3,4,5,6,7} 0.840 ± 0.156
<i>page-blocks-1-3-vs-4</i>	^{1,3,4,5,6,7} 0.576 ± 0.190	^{1,3,4,5,6,7} 0.608 ± 0.210	^{1,3,4,5,6,7} 0.685 ± 0.257	^{1,3,4,5,6,7} 0.537 ± 0.182	^{1,3,4,5,6,7} 0.591 ± 0.215	^{1,3,4,5,6,7} 0.544 ± 0.183	^{1,3,4,5,6,7} 0.548 ± 0.182
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,3,4,5,6,7} 0.986 ± 0.031	^{1,3,4,5,6,7} 0.989 ± 0.027	^{1,3,4,5,6,7} 0.953 ± 0.082	^{1,3,4,5,6,7} 0.870 ± 0.079	^{1,3,4,5,6,7} 0.882 ± 0.081	^{1,3,4,5,6,7} 0.882 ± 0.094	^{1,3,4,5,6,7} 0.880 ± 0.077
<i>ecoli-0-1-vs-2-3-5</i>	^{1,3,4,5,6,7} 0.218 ± 0.314	^{1,3,4,5,6,7} 0.215 ± 0.313	^{1,3,4,5,6,7} 0.509 ± 0.321	^{1,3,4,5,6,7} 0.438 ± 0.272	^{1,3,4,5,6,7} 0.557 ± 0.319	^{1,3,4,5,6,7} 0.536 ± 0.256	^{1,3,4,5,6,7} 0.646 ± 0.263
<i>ecoli-0-6-7-vs-3-5</i>	^{1,3,4,5,6,7} 0.199 ± 0.320	^{1,3,4,5,6,7} 0.270 ± 0.349	^{1,3,4,5,6,7} 0.266 ± 0.351	^{1,3,4,5,6,7} 0.185 ± 0.247	^{1,3,4,5,6,7} 0.370 ± 0.250	^{1,3,4,5,6,7} 0.222 ± 0.265	^{1,3,4,5,6,7} 0.324 ± 0.305
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,3,4,5,6,7} 0.792 ± 0.236	^{1,3,4,5,6,7} 0.784 ± 0.270	^{1,3,4,5,6,7} 0.832 ± 0.166	^{1,3,4,5,6,7} 0.776 ± 0.163	^{1,3,4,5,6,7} 0.804 ± 0.157	^{1,3,4,5,6,7} 0.808 ± 0.174	^{1,3,4,5,6,7} 0.836 ± 0.148
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,3,4,5,6,7} 0.199 ± 0.290	^{1,3,4,5,6,7} 0.266 ± 0.325	^{1,3,4,5,6,7} 0.282 ± 0.315	^{1,3,4,5,6,7} 0.209 ± 0.240	^{1,3,4,5,6,7} 0.400 ± 0.223	^{1,3,4,5,6,7} 0.215 ± 0.246	^{1,3,4,5,6,7} 0.342 ± 0.287
<i>shuttle-c0-vs-c4</i>	^{1,3,4,5,6,7} 0.982 ± 0.025	^{1,3,4,5,6,7} 0.980 ± 0.025	^{1,3,4,5,6,7} 0.980 ± 0.025	^{1,3,4,5,6,7} 0.985 ± 0.025	^{1,3,4,5,6,7} 0.985 ± 0.025	^{1,3,4,5,6,7} 0.985 ± 0.025	^{1,3,4,5,6,7} 0.985 ± 0.025
<i>ecoli-0-3-4-vs-5</i>	^{1,3,4,5,6,7} 0.845 ± 0.186	^{1,3,4,5,6,7} 0.820 ± 0.234	^{1,3,4,5,6,7} 0.845 ± 0.205	^{1,3,4,5,6,7} 0.845 ± 0.205	^{1,3,4,5,6,7} 0.845 ± 0.205	^{1,3,4,5,6,7} 0.845 ± 0.199	^{1,3,4,5,6,7} 0.850 ± 0.200

Table 7: Results for Recall metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	4.207	5.159	4.902	2.134	3.744	3.329	4.524
	4	4,5,6	4,5,6	–	4	4	4,5,6

Table 8: Results for mean ranks according to Recall metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.572 ± 0.129	0.771 ± 0.138	0.778 ± 0.139	0.764 ± 0.160	0.802 ± 0.157	0.732 ± 0.157	0.779 ± 0.161
<i>ecoli-0-2-3-4-vs-5</i>	[−] 0.780 ± 0.098	¹ 0.777 ± 0.117	^{1,2} 0.873 ± 0.092	^{1,6} 0.902 ± 0.078	^{1,6,7} 0.900 ± 0.079	¹ 0.898 ± 0.079	¹ 0.893 ± 0.080
<i>glass-0-1-6-vs-2</i>	[−] 0.565 ± 0.111	[−] 0.593 ± 0.096	^{1,2} 0.587 ± 0.128	<i>all</i> 0.698 ± 0.127	^{1,2,3,7} 0.709 ± 0.115	^{1,2,3,7} 0.601 ± 0.127	^{1,2,3} 0.628 ± 0.122
<i>ecoli-0-1-vs-5</i>	[−] 0.800 ± 0.143	[−] 0.830 ± 0.152	¹ 0.891 ± 0.088	^{1,2,3,6,7} 0.893 ± 0.080	^{1,2,3,6,7} 0.895 ± 0.082	¹ 0.893 ± 0.080	^{1,2,3} 0.900 ± 0.076
<i>yeast-1-4-5-8-vs-7</i>	[−] 0.544 ± 0.012	¹ 0.544 ± 0.022	^{1,2} 0.574 ± 0.045	^{1,2,3} 0.629 ± 0.098	^{1,2,3} 0.628 ± 0.098	^{1,2} 0.588 ± 0.071	^{1,2,3} 0.592 ± 0.079
<i>ecoli4</i>	[−] 0.886 ± 0.083	[−] 0.891 ± 0.068	^{1,2} 0.922 ± 0.079	^{1,2,3,6} 0.933 ± 0.082	^{1,2,3,6} 0.934 ± 0.080	^{1,2} 0.932 ± 0.079	^{1,2,6} 0.932 ± 0.077
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	[−] 0.853 ± 0.073	[−] 0.859 ± 0.067	^{1,2} 0.876 ± 0.070	^{1,2,3,7} 0.654 ± 0.090	^{1,2,3,4,7} 0.653 ± 0.090	^{1,2,3} 0.859 ± 0.118	^{1,2,6} 0.852 ± 0.123
<i>glass5</i>	^{4,5} 0.948 ± 0.103	^{4,5} 0.915 ± 0.149	^{1,2,4,5} 0.915 ± 0.149	[−] 0.908 ± 0.155	[−] 0.908 ± 0.155	^{4,5} 0.908 ± 0.155	^{4,5} 0.908 ± 0.154
<i>ecoli-0-3-4-6-vs-5</i>	[−] 0.755 ± 0.102	^{4,5,6,7} 0.797 ± 0.121	^{4,5,6,7} 0.884 ± 0.110	[−] 0.898 ± 0.090	[−] 0.900 ± 0.090	[−] 0.896 ± 0.094	[−] 0.891 ± 0.097
<i>yeast-0-5-6-7-9-vs-4</i>	[−] 0.501 ± 0.026	¹ 0.502 ± 0.022	^{1,2} 0.612 ± 0.146	^{1,2,3,7} 0.794 ± 0.049	^{1,2,3} 0.805 ± 0.049	^{1,2,3} 0.708 ± 0.119	^{1,2} 0.714 ± 0.129
<i>yeast6</i>	[−] 0.636 ± 0.023	[−] 0.653 ± 0.044	^{1,2} 0.722 ± 0.072	^{1,2,3,6,7} 0.885 ± 0.056	^{1,2,3,6,7} 0.885 ± 0.056	^{1,2,3} 0.857 ± 0.068	^{1,2,3} 0.870 ± 0.062
<i>ecoli-0-6-7-vs-5</i>	[−] 0.813 ± 0.124	¹ 0.834 ± 0.111	^{1,2} 0.870 ± 0.112	^{1,2,3,5} 0.869 ± 0.093	^{1,2,3} 0.874 ± 0.096	^{1,2,3} 0.860 ± 0.091	^{1,2,3} 0.863 ± 0.099
<i>glass-0-1-6-vs-5</i>	[−] 0.956 ± 0.109	[−] 0.920 ± 0.142	^{1,2} 0.920 ± 0.142	^{1,2,6,7} 0.886 ± 0.150	^{1,2,3,7} 0.886 ± 0.150	^{1,2} 0.886 ± 0.150	^{1,2} 0.886 ± 0.150
<i>ecoli-0-1-3-7-vs-2-6</i>	[−] 0.831 ± 0.193	[−] 0.844 ± 0.198	[−] 0.845 ± 0.199	[−] 0.847 ± 0.203	[−] 0.844 ± 0.203	[−] 0.843 ± 0.202	[−] 0.842 ± 0.202
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	[−] 0.675 ± 0.048	¹ 0.767 ± 0.058	¹ 0.769 ± 0.048	^{1,2,5,6,7} 0.694 ± 0.056	¹ 0.772 ± 0.053	¹ 0.651 ± 0.049	¹ 0.738 ± 0.069
<i>ecoli-0-1-4-7-vs-5-6</i>	⁶ 0.742 ± 0.131	^{1,4,6,7} 0.816 ± 0.131	^{1,4,6,7} 0.862 ± 0.112	^{1,6} 0.838 ± 0.104	^{1,4,6,7} 0.871 ± 0.104	[−] 0.846 ± 0.090	^{1,4,6} 0.892 ± 0.081
<i>yeast5</i>	[−] 0.825 ± 0.024	¹ 0.798 ± 0.035	^{1,2} 0.841 ± 0.029	¹ 0.975 ± 0.021	^{1,2} 0.976 ± 0.020	^{1,2} 0.973 ± 0.025	^{1,2,3,4,6} 0.973 ± 0.027
<i>shuttle-c2-vs-c4</i>	² 0.988 ± 0.022	[−] 0.937 ± 0.154	^{1,2} 0.938 ± 0.154	^{1,2,3} 0.915 ± 0.184	^{1,2,3} 0.920 ± 0.176	^{1,2,3} 0.912 ± 0.184	^{1,2,3} 0.917 ± 0.176
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	[−] 0.651 ± 0.090	[−] 0.661 ± 0.120	[−] 0.713 ± 0.126	[−] 0.689 ± 0.118	⁶ 0.769 ± 0.129	[−] 0.728 ± 0.115	[−] 0.794 ± 0.123
<i>yeast-0-3-5-9-vs-7-8</i>	[−] 0.550 ± 0.018	[−] 0.545 ± 0.037	^{1,2} 0.606 ± 0.084	^{1,2} 0.695 ± 0.073	^{1,2,3,4,6} 0.698 ± 0.075	^{1,2,4} 0.628 ± 0.076	^{1,2,3,4,6} 0.653 ± 0.087
<i>yeast-1-vs-7</i>	² 0.594 ± 0.037	[−] 0.581 ± 0.047	^{1,2} 0.648 ± 0.094	^{1,2,3,6,7} 0.680 ± 0.100	<i>all</i> 0.674 ± 0.096	^{1,2} 0.650 ± 0.078	^{1,2,3} 0.659 ± 0.086
<i>yeast-1-2-8-9-vs-7</i>	[−] 0.540 ± 0.011	[−] 0.538 ± 0.024	^{1,2} 0.573 ± 0.054	^{1,2,5,6} 0.687 ± 0.090	^{1,2} 0.687 ± 0.089	^{1,2} 0.613 ± 0.068	^{1,2} 0.626 ± 0.078
<i>ecoli-0-1-4-6-vs-5</i>	[−] 0.847 ± 0.098	[−] 0.881 ± 0.088	^{1,2} 0.892 ± 0.090	^{1,2,3,6,7} 0.899 ± 0.080	^{1,2,3,6,7} 0.905 ± 0.078	^{1,2,3} 0.894 ± 0.082	^{1,2,3,6} 0.899 ± 0.084
<i>glass-0-1-5-vs-2</i>	[−] 0.555 ± 0.134	[−] 0.527 ± 0.112	^{1,2} 0.578 ± 0.135	^{1,2,3,6,7} 0.685 ± 0.115	^{1,2,3,7} 0.700 ± 0.117	^{1,2,3} 0.581 ± 0.105	^{1,2,3} 0.594 ± 0.106
<i>yeast-2-vs-4</i>	² 0.608 ± 0.128	[−] 0.556 ± 0.098	² 0.750 ± 0.171	^{1,2,3,6,7} 0.868 ± 0.066	^{1,2,3,6,7} 0.870 ± 0.060	² 0.836 ± 0.091	^{1,2} 0.843 ± 0.098
<i>glass-0-6-vs-5</i>	² 0.945 ± 0.140	[−] 0.936 ± 0.136	^{1,2} 0.936 ± 0.136	^{1,2,3,6} 0.875 ± 0.175	^{1,2,3,6,7} 0.875 ± 0.175	^{1,2,3} 0.875 ± 0.175	^{1,2,3} 0.875 ± 0.174
<i>glass2</i>	[−] 0.607 ± 0.098	[−] 0.624 ± 0.094	[−] 0.614 ± 0.124	[−] 0.718 ± 0.115	[−] 0.738 ± 0.116	[−] 0.635 ± 0.115	[−] 0.660 ± 0.095
<i>yeast-2-vs-8</i>	[−] 0.637 ± 0.090	[−] 0.640 ± 0.096	¹ 0.765 ± 0.086	^{1,2,3,6,7} 0.782 ± 0.111	^{1,2,3,6,7} 0.799 ± 0.105	[−] 0.772 ± 0.098	^{1,2,3} 0.784 ± 0.096
<i>vowel0</i>	[−] 0.915 ± 0.037	[−] 0.902 ± 0.026	^{1,2} 0.916 ± 0.025	^{1,2,3} 0.887 ± 0.058	^{1,2,3,7} 0.930 ± 0.048	^{1,2} 0.881 ± 0.054	^{1,2,3} 0.903 ± 0.043
<i>glass-0-4-vs-5</i>	^{2,4,6,7} 0.975 ± 0.083	⁶ 0.940 ± 0.112	^{2,4,6,7} 0.940 ± 0.112	⁶ 0.935 ± 0.120	<i>all</i> 0.940 ± 0.117	[−] 0.935 ± 0.120	⁶ 0.940 ± 0.117
<i>glass-0-1-4-6-vs-2</i>	[−] 0.579 ± 0.128	[−] 0.592 ± 0.131	[−] 0.594 ± 0.146	[−] 0.695 ± 0.118	[−] 0.721 ± 0.106	[−] 0.628 ± 0.115	[−] 0.642 ± 0.094
<i>yeast4</i>	[−] 0.551 ± 0.039	[−] 0.530 ± 0.030	¹ 0.561 ± 0.047	^{1,2,3,6,7} 0.811 ± 0.065	^{1,2,3,6,7} 0.812 ± 0.064	^{1,2} 0.675 ± 0.102	^{1,2} 0.667 ± 0.119
<i>ecoli-0-4-6-vs-5</i>	² 0.851 ± 0.114	[−] 0.873 ± 0.107	^{1,2} 0.892 ± 0.101	^{1,2,3,6,7} 0.901 ± 0.083	^{1,2,3,6,7} 0.899 ± 0.083	^{1,2,3,7} 0.896 ± 0.087	^{1,2,3} 0.900 ± 0.084
<i>page-blocks-1-3-vs-4</i>	[−] 0.765 ± 0.095	[−] 0.776 ± 0.104	^{1,2} 0.817 ± 0.127	^{1,2,3,6,7} 0.754 ± 0.092	^{1,2} 0.779 ± 0.108	^{1,2} 0.757 ± 0.092	^{1,2} 0.756 ± 0.091
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	[−] 0.576 ± 0.028	[−] 0.541 ± 0.052	^{1,2,4,6,7} 0.641 ± 0.131	[−] 0.886 ± 0.032	^{1,6,7} 0.886 ± 0.033	⁷ 0.831 ± 0.088	⁴ 0.881 ± 0.055
<i>ecoli-0-1-vs-2-3-5</i>	² 0.607 ± 0.157	[−] 0.605 ± 0.156	^{1,2} 0.752 ± 0.163	^{1,2,3,6} 0.719 ± 0.136	^{1,2,3,6} 0.778 ± 0.159	^{1,2,3} 0.765 ± 0.130	^{1,2,3,6} 0.820 ± 0.134
<i>ecoli-0-6-7-vs-3-5</i>	[−] 0.587 ± 0.158	[−] 0.620 ± 0.167	^{1,2} 0.618 ± 0.168	^{1,2} 0.586 ± 0.121	^{1,2,3,4} 0.677 ± 0.122	^{1,2,4} 0.600 ± 0.130	<i>all</i> 0.650 ± 0.148
<i>ecoli-0-3-4-7-vs-5-6</i>	[−] 0.778 ± 0.080	¹ 0.833 ± 0.127	¹ 0.885 ± 0.084	[−] 0.872 ± 0.080	<i>all</i> 0.884 ± 0.077	[−] 0.883 ± 0.086	^{1,2,3,4,6} 0.892 ± 0.075
<i>ecoli-0-2-6-7-vs-3-5</i>	[−] 0.586 ± 0.145	¹ 0.617 ± 0.158	^{1,2} 0.626 ± 0.154	^{1,2} 0.599 ± 0.118	^{1,2} 0.693 ± 0.108	^{1,2} 0.596 ± 0.121	^{1,2} 0.656 ± 0.140
<i>shuttle-c0-vs-c4</i>	[−] 0.990 ± 0.012	[−] 0.989 ± 0.012	¹ 0.989 ± 0.012	¹ 0.992 ± 0.012	<i>all</i> 0.992 ± 0.012	[−] 0.992 ± 0.012	[−] 0.992 ± 0.012
<i>ecoli-0-3-4-vs-5</i>	[−] 0.788 ± 0.105	[−] 0.803 ± 0.128	^{1,2} 0.890 ± 0.109	^{1,2,3} 0.908 ± 0.104	^{1,2,3} 0.907 ± 0.104	^{1,2,3} 0.902 ± 0.102	^{1,2,3} 0.901 ± 0.102
	[−]	[−]	^{1,2}	^{1,2,3,6,7}	^{1,2,3,7}	^{1,2,3}	^{1,2,3}

Table 9: Results for AUC metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.317	2.622	3.963	4.720	5.988	3.671	4.720
	−	−	1,2	1,2,6	<i>all</i>	1,2	1,2,6

Table 10: Results for mean ranks according to AUC metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.304 ± 0.325	0.733 ± 0.206	0.735 ± 0.209	0.682 ± 0.290	0.746 ± 0.262	0.642 ± 0.291	0.714 ± 0.276
<i>ecoli-0-2-3-4-vs-5</i>	¹ 0.768 ± 0.100	¹ 0.755 ± 0.135	^{1,2} 0.868 ± 0.096	^{1,6} 0.896 ± 0.087	^{1,6,7} 0.893 ± 0.087	¹ 0.892 ± 0.087	¹ 0.887 ± 0.088
<i>glass-0-1-6-vs-2</i>	^{1,2,3,7} 0.524 ± 0.114	^{1,2,3,7} 0.528 ± 0.079	^{all} 0.545 ± 0.147	^{1,2,3,6,7} 0.682 ± 0.155	^{1,2,3,6,7} 0.699 ± 0.121	^{1,2,3,7} 0.540 ± 0.149	^{1,2,3} 0.565 ± 0.144
<i>ecoli-0-1-vs-5</i>	^{1,2} 0.725 ± 0.286	^{1,2} 0.764 ± 0.285	^{1,2} 0.880 ± 0.102	^{1,2,3,6,7} 0.882 ± 0.092	^{1,2,3,6,7} 0.885 ± 0.094	^{1,2,3,6,7} 0.882 ± 0.092	^{1,2} 0.891 ± 0.086
<i>yeast-1-4-5-8-vs-7</i>	^{1,2,3} 0.293 ± 0.044	^{1,2,3} 0.304 ± 0.062	^{1,2,3} 0.438 ± 0.065	^{1,2,3} 0.601 ± 0.142	^{1,2,3} 0.601 ± 0.142	^{1,2} 0.503 ± 0.120	^{1,2,3} 0.509 ± 0.130
<i>ecoli4</i>	^{1,2,3,6,7} 0.883 ± 0.085	^{1,2,3,6,7} 0.888 ± 0.068	^{1,2} 0.920 ± 0.080	^{1,2,3,6,7} 0.927 ± 0.091	^{1,2,3,6,7} 0.929 ± 0.089	^{1,2,3} 0.927 ± 0.088	^{1,2,3,6} 0.927 ± 0.087
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	^{1,2,3,7} 0.849 ± 0.077	^{1,2,3,7} 0.856 ± 0.068	^{1,2} 0.872 ± 0.073	^{1,2,3,7} 0.547 ± 0.177	^{1,2,3,4,7} 0.546 ± 0.177	^{1,2,3} 0.835 ± 0.182	^{1,2,6} 0.824 ± 0.192
<i>glass5</i>	^{4,5} 0.933 ± 0.163	^{4,5} 0.870 ± 0.275	^{1,2,4,5} 0.870 ± 0.275	^{1,2,3,7} 0.859 ± 0.278	^{1,2,3,7} 0.859 ± 0.278	^{4,5} 0.859 ± 0.278	^{4,5} 0.859 ± 0.278
<i>ecoli-0-3-4-6-vs-5</i>	^{4,5,6,7} 0.735 ± 0.109	^{4,5,6,7} 0.783 ± 0.131	^{4,5,6,7} 0.879 ± 0.115	^{1,2,3,7} 0.891 ± 0.100	^{1,2,3} 0.893 ± 0.099	^{1,2,3} 0.889 ± 0.102	^{1,2} 0.884 ± 0.106
<i>yeast-0-5-6-7-9-vs-4</i>	^{1,2,3,7} 0.164 ± 0.068	^{1,2,3,7} 0.136 ± 0.064	^{1,2} 0.416 ± 0.281	^{1,2,3,7} 0.789 ± 0.051	^{1,2,3} 0.802 ± 0.048	^{1,2,3} 0.629 ± 0.223	^{1,2} 0.626 ± 0.253
<i>yeast6</i>	² 0.529 ± 0.045	^{1,2,3,6,7} 0.558 ± 0.074	^{1,2} 0.673 ± 0.106	^{1,2,3,6,7} 0.881 ± 0.061	^{1,2,3,6,7} 0.881 ± 0.061	^{1,2,3} 0.851 ± 0.078	^{1,2,3} 0.865 ± 0.067
<i>ecoli-0-6-7-vs-5</i>	^{1,2,3,5} 0.796 ± 0.145	^{1,2,3,5} 0.828 ± 0.115	^{1,2} 0.864 ± 0.119	^{1,2,3,5} 0.857 ± 0.105	^{1,2,3} 0.863 ± 0.109	^{1,2,3} 0.850 ± 0.102	^{1,2,3} 0.852 ± 0.110
<i>glass-0-1-6-vs-5</i>	^{1,2,5} 0.933 ± 0.202	^{1,2,5} 0.882 ± 0.248	^{1,2,5} 0.882 ± 0.248	^{1,2,6,7} 0.843 ± 0.251	^{1,2,7} 0.843 ± 0.251	^{1,2} 0.843 ± 0.251	^{1,2} 0.843 ± 0.251
<i>ecoli-0-1-3-7-vs-2-6</i>	^{1,2,3,7} 0.725 ± 0.377	^{1,2,3,7} 0.737 ± 0.385	^{1,2} 0.737 ± 0.385	^{1,2,3,7} 0.740 ± 0.387	^{1,2,3} 0.739 ± 0.386	^{1,2,3} 0.737 ± 0.385	^{1,2,3} 0.736 ± 0.384
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	^{1,2,3,6,7} 0.598 ± 0.077	^{1,2,3,6,7} 0.737 ± 0.082	^{1,2,3,6,7} 0.743 ± 0.062	^{1,2,3,6,7} 0.624 ± 0.090	^{1,2} 0.743 ± 0.071	¹ 0.552 ± 0.084	¹ 0.692 ± 0.104
<i>ecoli-0-1-4-7-vs-5-6</i>	⁶ 0.669 ± 0.203	^{1,4,6,7} 0.774 ± 0.201	^{1,4,6,7} 0.843 ± 0.143	^{1,6} 0.807 ± 0.165	^{1,4,6,7} 0.847 ± 0.166	^{1,4,6,7} 0.827 ± 0.109	^{1,4,6} 0.882 ± 0.093
<i>yeast5</i>	^{1,2} 0.807 ± 0.028	^{1,2} 0.772 ± 0.046	^{1,2} 0.826 ± 0.034	¹ 0.975 ± 0.022	^{1,2} 0.976 ± 0.020	^{1,2} 0.973 ± 0.026	^{1,2,3,4,6} 0.973 ± 0.028
<i>shuttle-c2-vs-c4</i>	² 0.988 ± 0.023	^{1,2,3,6,7} 0.885 ± 0.300	^{1,2} 0.886 ± 0.300	^{1,2,3} 0.834 ± 0.366	^{1,2,3} 0.848 ± 0.347	^{1,2,3} 0.831 ± 0.365	^{1,2,3} 0.845 ± 0.345
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	^{1,2,3,6,7} 0.517 ± 0.198	^{1,2,3,6,7} 0.522 ± 0.235	^{1,2,3,6,7} 0.620 ± 0.215	^{1,2,3,6,7} 0.573 ± 0.228	^{1,2,3,6,7} 0.711 ± 0.187	^{1,2,3,6,7} 0.652 ± 0.186	^{1,2,3,6,7} 0.754 ± 0.166
<i>yeast-0-3-5-9-vs-7-8</i>	^{1,2,3,4} 0.324 ± 0.051	^{1,2,3,4} 0.317 ± 0.108	^{1,2} 0.484 ± 0.157	^{1,2} 0.651 ± 0.136	^{1,2,3,4} 0.660 ± 0.134	^{1,2,4} 0.541 ± 0.136	^{1,2,3,4,6} 0.586 ± 0.150
<i>yeast-1-vs-7</i>	^{1,2,3,6,7} 0.452 ± 0.051	^{1,2,3,6,7} 0.461 ± 0.074	^{1,2} 0.600 ± 0.137	^{1,2,3,6,7} 0.665 ± 0.113	^{all} 0.660 ± 0.109	^{1,2} 0.608 ± 0.084	^{1,2,3} 0.622 ± 0.100
<i>yeast-1-2-8-9-vs-7</i>	^{1,2,3,6} 0.281 ± 0.039	^{1,2,3,6} 0.302 ± 0.060	^{1,2} 0.437 ± 0.065	^{1,2,3,5,6} 0.657 ± 0.119	^{1,2,3,6} 0.657 ± 0.119	^{1,2} 0.522 ± 0.106	^{1,2} 0.544 ± 0.122
<i>ecoli-0-1-4-6-vs-5</i>	^{1,2,3,6,7} 0.835 ± 0.108	^{1,2,3,6,7} 0.876 ± 0.093	^{1,2} 0.885 ± 0.099	^{1,2,3,6,7} 0.890 ± 0.091	^{1,2,3,6,7} 0.897 ± 0.088	^{1,2,3} 0.885 ± 0.094	^{1,2,3} 0.891 ± 0.095
<i>glass-0-1-5-vs-2</i>	^{1,2,3,6} 0.518 ± 0.148	^{1,2,3,6} 0.461 ± 0.103	^{1,2,6} 0.545 ± 0.144	^{1,2,3,6} 0.665 ± 0.148	^{1,2,3,7} 0.680 ± 0.147	^{1,2} 0.515 ± 0.109	^{1,2,3,4} 0.512 ± 0.118
<i>yeast-2-vs-4</i>	² 0.445 ± 0.216	² 0.326 ± 0.183	^{2,6,7} 0.683 ± 0.255	^{1,2,3,6,7} 0.859 ± 0.076	^{1,2,3,6,7} 0.864 ± 0.068	² 0.822 ± 0.110	² 0.829 ± 0.129
<i>glass-0-6-vs-5</i>	² 0.903 ± 0.272	² 0.901 ± 0.246	^{1,2} 0.901 ± 0.246	^{1,2,3,6} 0.804 ± 0.322	^{1,2,3,6,7} 0.804 ± 0.322	^{1,2,3} 0.804 ± 0.322	^{1,2,3} 0.803 ± 0.321
<i>glass2</i>	^{1,2,3,6,7} 0.570 ± 0.109	^{1,2,3,6,7} 0.583 ± 0.079	^{1,2,3,6,7} 0.586 ± 0.131	^{1,2,3,6,7} 0.700 ± 0.151	^{1,2,3,6,7} 0.723 ± 0.150	^{1,2,3,6,7} 0.591 ± 0.123	^{1,2,3,6,7} 0.613 ± 0.089
<i>yeast-2-vs-8</i>	^{1,2} 0.518 ± 0.136	^{1,2} 0.539 ± 0.143	¹ 0.738 ± 0.112	^{1,2,3,6,7} 0.738 ± 0.153	^{1,2,3,6,7} 0.764 ± 0.141	^{1,2} 0.729 ± 0.135	^{1,2} 0.750 ± 0.131
<i>vowel0</i>	^{1,2,3,7} 0.913 ± 0.040	^{1,2,3,7} 0.901 ± 0.026	^{1,2} 0.915 ± 0.024	^{1,2} 0.879 ± 0.067	^{1,2,3,7} 0.928 ± 0.051	^{1,2} 0.875 ± 0.061	^{1,2,3} 0.902 ± 0.045
<i>glass-0-4-vs-5</i>	^{2,4,6,7} 0.963 ± 0.149	⁶ 0.922 ± 0.171	^{2,4,6,7} 0.922 ± 0.171	⁶ 0.916 ± 0.178	^{all} 0.921 ± 0.176	^{1,2,3,6,7} 0.916 ± 0.178	^{4,6} 0.921 ± 0.176
<i>glass-0-1-4-6-vs-2</i>	^{1,2,3,6,7} 0.528 ± 0.145	^{1,2,3,6,7} 0.534 ± 0.131	^{1,2,3,6,7} 0.547 ± 0.164	^{1,2,3,6,7} 0.676 ± 0.152	^{1,2,3,6,7} 0.712 ± 0.112	^{1,2,3,6,7} 0.584 ± 0.112	^{1,2,3,6,7} 0.591 ± 0.102
<i>yeast4</i>	^{1,2} 0.361 ± 0.067	^{1,2} 0.287 ± 0.058	^{1,2} 0.395 ± 0.083	^{1,2,3,6,7} 0.801 ± 0.079	^{1,2,3,6,7} 0.803 ± 0.076	^{1,2} 0.589 ± 0.166	^{1,2} 0.554 ± 0.207
<i>ecoli-0-4-6-vs-5</i>	^{1,2,3,6,7} 0.842 ± 0.122	^{1,2,3,6,7} 0.870 ± 0.111	^{1,2} 0.887 ± 0.108	^{1,2,3,6,7} 0.894 ± 0.090	^{1,2,3,6,7} 0.893 ± 0.090	^{1,2,3,7} 0.889 ± 0.095	^{1,2,3} 0.894 ± 0.091
<i>page-blocks-1-3-vs-4</i>	^{1,2,6,7} 0.730 ± 0.130	^{1,2,6,7} 0.745 ± 0.139	^{1,2} 0.789 ± 0.164	^{1,2,6,7} 0.711 ± 0.129	^{1,2} 0.742 ± 0.145	^{1,2} 0.715 ± 0.129	^{1,2} 0.715 ± 0.127
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	^{1,2,4,6,7} 0.398 ± 0.065	^{1,2,4,6,7} 0.275 ± 0.120	^{1,2,4,6,7} 0.495 ± 0.216	^{1,2,4,6,7} 0.884 ± 0.034	^{1,6,7} 0.885 ± 0.034	^{1,6,7} 0.818 ± 0.102	^{4,6} 0.879 ± 0.059
<i>ecoli-0-1-vs-2-3-5</i>	² 0.305 ± 0.352	² 0.296 ± 0.354	^{1,2} 0.637 ± 0.320	^{1,2,3,6} 0.583 ± 0.313	^{1,2,3,6} 0.672 ± 0.324	^{1,2,3} 0.693 ± 0.231	^{1,2,3,6} 0.772 ± 0.218
<i>ecoli-0-6-7-vs-3-5</i>	^{1,2,4} 0.258 ± 0.355	^{1,2,4} 0.348 ± 0.368	^{1,2,4} 0.339 ± 0.371	^{1,2} 0.275 ± 0.325	^{1,2,4} 0.547 ± 0.253	^{1,2,4} 0.329 ± 0.327	^{all} 0.451 ± 0.331
<i>ecoli-0-3-4-7-vs-5-6</i>	^{1,2,3,4,6} 0.756 ± 0.105	^{1,2,3,4,6} 0.804 ± 0.189	¹ 0.877 ± 0.094	¹ 0.861 ± 0.091	^{all} 0.875 ± 0.086	^{1,2,3,4,6} 0.873 ± 0.098	^{1,2,3,4,6} 0.886 ± 0.082
<i>ecoli-0-2-6-7-vs-3-5</i>	^{1,2} 0.278 ± 0.340	^{1,2} 0.364 ± 0.348	^{1,2} 0.401 ± 0.331	^{1,2} 0.324 ± 0.317	^{1,2} 0.595 ± 0.194	^{1,2} 0.331 ± 0.315	^{1,2} 0.498 ± 0.285
<i>shuttle-c0-vs-c4</i>	^{1,2,3,4,6} 0.990 ± 0.013	^{1,2,3,4,6} 0.989 ± 0.013	¹ 0.989 ± 0.013	^{all} 0.992 ± 0.013	^{all} 0.992 ± 0.013	^{1,2,3,4,6} 0.992 ± 0.013	^{1,2,3,4,6} 0.992 ± 0.013
<i>ecoli-0-3-4-vs-5</i>	^{1,2,3} 0.772 ± 0.112	^{1,2,3} 0.779 ± 0.173	^{1,2,3} 0.880 ± 0.127	^{1,2,3} 0.897 ± 0.126	^{1,2,3} 0.897 ± 0.125	^{1,2,3} 0.893 ± 0.122	^{1,2,3} 0.891 ± 0.122
	^{1,2}	^{1,2}	^{1,2}	^{1,2,3,6,7}	^{1,2,3,7}	^{1,2,3}	^{1,2,3}

Table 11: Results for GMEAN metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.341	2.695	4.183	4.695	5.890	3.622	4.573
	–	–	1,2	1,2,6	<i>all</i>	1	1,2,6

Table 12: Results for mean ranks according to GMEAN metric