

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	$0.572 \pm 0.129$	$0.788 \pm 0.148$	$0.788 \pm 0.140$	$0.782 \pm 0.162$	$0.779 \pm 0.150$	$0.560 \pm 0.155$	$0.511 \pm 0.153$
<i>ecoli-0-2-3-4-vs-5</i>	$\overline{-}$	$\overset{1,6,7}{0.812 \pm 0.100}$	$\overset{1,2,6,7}{0.891 \pm 0.082}$	$\overset{1,6,7}{0.903 \pm 0.077}$	$\overset{1,6,7}{0.903 \pm 0.078}$	$\overset{7}{0.837 \pm 0.087}$	$\overline{-}$
<i>glass-0-1-6-vs-2</i>	$0.565 \pm 0.111$	$\overset{1}{0.571 \pm 0.115}$	$\overset{1,2,6,7}{0.598 \pm 0.147}$	$\overset{1,2,3,6,7}{0.710 \pm 0.125}$	$\overset{1,2,3,6,7}{0.717 \pm 0.116}$	$\overset{1,7}{0.603 \pm 0.093}$	$\overline{-}$
<i>ecoli-0-1-vs-5</i>	$\overline{-}$	$\overline{-}$	$\overset{1,2}{0.895 \pm 0.090}$	$\overset{1,2,3,6,7}{0.900 \pm 0.075}$	$\overset{1,2,3,6,7}{0.898 \pm 0.079}$	$\overset{1}{0.905 \pm 0.076}$	$\overset{1,2,6}{0.896 \pm 0.075}$
<i>yeast-1-4-5-8-vs-7</i>	$\overline{-}$	$\overset{1}{0.546 \pm 0.014}$	$\overset{1,2}{0.572 \pm 0.055}$	$\overset{1,2,7}{0.629 \pm 0.097}$	$\overset{1,7}{0.629 \pm 0.098}$	$\overset{1,4,7}{0.577 \pm 0.057}$	$\overset{1,3}{0.586 \pm 0.061}$
<i>ecoli4</i>	$0.886 \pm 0.083$	$0.896 \pm 0.064$	$\overset{1,2}{0.931 \pm 0.072}$	$\overset{1,2,3,6,7}{0.932 \pm 0.082}$	$\overset{1,7}{0.933 \pm 0.082}$	$\overset{1,2}{0.869 \pm 0.087}$	$\overset{1,2}{0.847 \pm 0.096}$
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	$\overset{7}{0.853 \pm 0.073}$	$\overset{1,7}{0.868 \pm 0.062}$	$\overset{1,2,6,7}{0.878 \pm 0.067}$	$\overset{1,2,3,6,7}{0.653 \pm 0.089}$	$\overset{all}{0.654 \pm 0.091}$	$\overset{7}{0.870 \pm 0.062}$	$\overline{-}$
<i>glass5</i>	$\overset{4,5}{0.948 \pm 0.103}$	$\overset{4,5}{0.885 \pm 0.156}$	$\overset{1,2,4,5,7}{0.886 \pm 0.156}$	$\overline{-}$	$\overline{-}$	$\overset{4,5,7}{0.901 \pm 0.155}$	$\overset{4,5}{0.901 \pm 0.155}$
<i>ecoli-0-3-4-6-vs-5</i>	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overset{2,3}{0.897 \pm 0.088}$	$\overset{2,3}{0.899 \pm 0.089}$	$\overset{2,3}{0.814 \pm 0.117}$	$\overset{2,3}{0.788 \pm 0.112}$
<i>yeast-0-5-6-7-9-vs-4</i>	$\overline{-}$	$\overset{1}{0.500 \pm 0.022}$	$\overset{1,2,6,7}{0.675 \pm 0.148}$	$\overset{1,2,6,7}{0.791 \pm 0.044}$	$\overset{1,2,3,6,7}{0.801 \pm 0.053}$	$\overset{1,7}{0.603 \pm 0.120}$	$\overset{1}{0.597 \pm 0.112}$
<i>yeast6</i>	$\overset{2}{0.636 \pm 0.023}$	$\overline{-}$	$\overset{1,2,6,7}{0.763 \pm 0.044}$	$\overset{1,2,3,6,7}{0.887 \pm 0.056}$	$\overset{1,2,3,6,7}{0.886 \pm 0.056}$	$\overset{1,2}{0.723 \pm 0.070}$	$\overset{1,2}{0.745 \pm 0.086}$
<i>ecoli-0-6-7-vs-5</i>	$\overline{-}$	$\overset{1}{0.835 \pm 0.107}$	$\overset{1,2,6,7}{0.877 \pm 0.103}$	$\overset{all}{0.870 \pm 0.100}$	$\overset{1,2,3,6,7}{0.873 \pm 0.096}$	$\overset{1,2}{0.827 \pm 0.093}$	$\overset{1,2}{0.813 \pm 0.098}$
<i>glass-0-1-6-vs-5</i>	$\overline{-}$	$\overline{-}$	$\overset{1,2,6,7}{0.889 \pm 0.150}$	$\overset{1,2,6,7}{0.886 \pm 0.150}$	$\overset{1,2,6,7}{0.886 \pm 0.150}$	$\overset{7}{0.886 \pm 0.151}$	$\overline{-}$
<i>ecoli-0-1-3-7-vs-2-6</i>	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	$\overline{-}$	$\overset{1,6,7}{0.772 \pm 0.053}$	$\overset{1,6,7}{0.776 \pm 0.047}$	$\overset{1,5,6,7}{0.715 \pm 0.055}$	$\overset{1,6,7}{0.763 \pm 0.057}$	$\overset{7}{0.752 \pm 0.069}$	$\overline{-}$
<i>ecoli-0-1-4-7-vs-5-6</i>	$\overline{-}$	$\overset{1,4,6}{0.816 \pm 0.138}$	$\overset{1,2,4,6}{0.867 \pm 0.114}$	$\overset{1}{0.854 \pm 0.106}$	$\overset{1,4,6}{0.872 \pm 0.104}$	$\overset{1,4}{0.823 \pm 0.081}$	$\overset{all}{0.868 \pm 0.081}$
<i>yeast5</i>	$\overline{-}$	$\overset{1}{0.800 \pm 0.031}$	$\overset{1,2,6}{0.845 \pm 0.027}$	$\overset{1,2,6}{0.973 \pm 0.023}$	$\overset{1,2,6}{0.973 \pm 0.023}$	$\overset{1}{0.936 \pm 0.072}$	$\overset{1,2,6}{0.935 \pm 0.084}$
<i>shuttle-c2-vs-c4</i>	$\overset{2}{0.988 \pm 0.022}$	$\overline{-}$	$\overset{1,2}{0.988 \pm 0.049}$	$\overset{1,2,3,6,7}{0.845 \pm 0.222}$	$\overset{1,2,3,6,7}{0.845 \pm 0.222}$	$\overset{1,2,3}{0.838 \pm 0.223}$	$\overset{1,2,3}{0.841 \pm 0.223}$
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	$\overset{4,5,6,7}{0.651 \pm 0.090}$	$\overset{4,5,6,7}{0.663 \pm 0.119}$	$\overset{4,5,6,7}{0.776 \pm 0.140}$	$\overset{6,7}{0.807 \pm 0.113}$	$\overset{6,7}{0.852 \pm 0.102}$	$\overline{-}$	$\overline{-}$
<i>yeast-0-3-5-9-vs-7-8</i>	$\overline{-}$	$\overline{-}$	$\overset{1,2}{0.673 \pm 0.087}$	$\overset{1,2,3,6}{0.670 \pm 0.079}$	$\overset{all}{0.691 \pm 0.074}$	$\overset{1,2}{0.571 \pm 0.045}$	$\overset{1,2,3,4,6}{0.587 \pm 0.074}$
<i>yeast-1-vs-7</i>	$\overset{2}{0.594 \pm 0.037}$	$\overline{-}$	$\overset{1,2,6,7}{0.683 \pm 0.101}$	$\overset{1,2,6,7}{0.671 \pm 0.102}$	$\overset{1,2,6,7}{0.671 \pm 0.102}$	$\overset{1,2}{0.585 \pm 0.047}$	$\overset{1,2}{0.588 \pm 0.047}$
<i>yeast-1-2-8-9-vs-7</i>	$\overline{-}$	$\overline{-}$	$\overset{1,2,6,7}{0.585 \pm 0.053}$	$\overset{1,2,6,7}{0.685 \pm 0.087}$	$\overset{1,2,6,7}{0.687 \pm 0.089}$	$\overline{-}$	$\overline{-}$
<i>ecoli-0-1-4-6-vs-5</i>	$\overline{-}$	$\overset{1}{0.883 \pm 0.092}$	$\overset{1,2}{0.897 \pm 0.088}$	$\overset{1,2,3,6,7}{0.902 \pm 0.076}$	$\overset{1,2,3,6,7}{0.901 \pm 0.076}$	$\overset{1,2}{0.871 \pm 0.080}$	$\overset{1,2}{0.853 \pm 0.092}$
<i>glass-0-1-5-vs-2</i>	$\overline{-}$	$\overset{1,7}{0.524 \pm 0.112}$	$\overset{1,2,6,7}{0.607 \pm 0.150}$	$\overset{1,2,6,7}{0.702 \pm 0.116}$	$\overset{1,2,6,7}{0.703 \pm 0.112}$	$\overset{7}{0.562 \pm 0.067}$	$\overline{-}$
<i>yeast-2-vs-4</i>	$\overset{2}{0.608 \pm 0.128}$	$\overline{-}$	$\overset{1,2,6,7}{0.835 \pm 0.116}$	$\overset{1,2,3,6,7}{0.863 \pm 0.067}$	$\overset{1,2,3,6,7}{0.866 \pm 0.063}$	$\overset{2,7}{0.691 \pm 0.158}$	$\overset{2}{0.697 \pm 0.155}$
<i>glass-0-6-vs-5</i>	$\overset{2}{0.945 \pm 0.140}$	$\overline{-}$	$\overset{1,2,6,7}{0.910 \pm 0.154}$	$\overset{1,2,6,7}{0.860 \pm 0.174}$	$\overset{1,2,6,7}{0.860 \pm 0.174}$	$\overset{1,2}{0.869 \pm 0.174}$	$\overset{1,2}{0.869 \pm 0.174}$
<i>glass2</i>	$\overset{4,5,6,7}{0.607 \pm 0.098}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overline{-}$
<i>yeast-2-vs-8</i>	$\overline{-}$	$\overline{-}$	$\overset{1}{0.779 \pm 0.105}$	$\overset{1,2,3,6,7}{0.776 \pm 0.111}$	$\overset{1,2,3,6,7}{0.775 \pm 0.111}$	$\overset{1,7}{0.640 \pm 0.122}$	$\overset{1}{0.620 \pm 0.092}$
<i>vowel0</i>	$\overline{-}$	$\overset{1,7}{0.904 \pm 0.026}$	$\overset{1,2,6,7}{0.921 \pm 0.025}$	$\overset{1,2,6,7}{0.883 \pm 0.060}$	$\overset{1,2,6,7}{0.921 \pm 0.050}$	$\overline{-}$	$\overline{-}$
<i>glass-0-4-vs-5</i>	$\overset{2,4}{0.975 \pm 0.083}$	$\overset{4}{0.920 \pm 0.123}$	$\overset{2,4,7}{0.925 \pm 0.121}$	$\overline{-}$	$\overset{1,2,4,7}{0.940 \pm 0.117}$	$\overset{2,4,7}{0.939 \pm 0.118}$	$\overset{4}{0.944 \pm 0.116}$
<i>glass-0-1-4-6-vs-2</i>	$\overset{2,3}{0.579 \pm 0.128}$	$\overline{-}$	$\overline{-}$	$\overset{2}{0.724 \pm 0.105}$	$\overset{2,3}{0.730 \pm 0.106}$	$\overset{2}{0.635 \pm 0.075}$	$\overset{2,3}{0.637 \pm 0.074}$
<i>yeast4</i>	$\overline{-}$	$\overline{-}$	$\overset{1,2}{0.577 \pm 0.046}$	$\overset{1,2,3,6,7}{0.809 \pm 0.066}$	$\overset{1,2,3,6,7}{0.812 \pm 0.064}$	$\overset{1}{0.589 \pm 0.118}$	$\overset{1}{0.608 \pm 0.134}$
<i>ecoli-0-4-6-vs-5</i>	$\overset{2}{0.851 \pm 0.114}$	$\overline{-}$	$\overset{1,2}{0.899 \pm 0.095}$	$\overset{1,2,3,6,7}{0.901 \pm 0.082}$	$\overset{1,2,3,6,7}{0.900 \pm 0.082}$	$\overline{-}$	$\overset{6}{0.872 \pm 0.092}$
<i>page-blocks-1-3-vs-4</i>	$\overline{-}$	$\overset{1}{0.772 \pm 0.100}$	$\overset{1,2,6,7}{0.820 \pm 0.128}$	$\overset{1,2,6,7}{0.750 \pm 0.094}$	$\overset{1,2,6,7}{0.790 \pm 0.105}$	$\overset{1,7}{0.762 \pm 0.096}$	$\overline{-}$
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	$\overset{6}{0.576 \pm 0.028}$	$\overline{-}$	$\overset{1,2,4,6,7}{0.747 \pm 0.135}$	$\overline{-}$	$\overset{1,2,4,6,7}{0.892 \pm 0.034}$	$\overline{-}$	$\overline{-}$
<i>ecoli-0-1-vs-2-3-5</i>	$\overset{2}{0.607 \pm 0.157}$	$\overline{-}$	$\overset{1,2,6}{0.823 \pm 0.142}$	$\overset{1,2,3,6,7}{0.826 \pm 0.116}$	$\overset{1,2,3,6,7}{0.836 \pm 0.116}$	$\overset{1,2}{0.837 \pm 0.092}$	$\overset{1,2,6}{0.849 \pm 0.093}$
<i>ecoli-0-6-7-vs-3-5</i>	$\overline{-}$	$\overline{-}$	$\overset{1,2}{0.694 \pm 0.147}$	$\overset{1,2}{0.795 \pm 0.090}$	$\overset{1,2}{0.823 \pm 0.105}$	$\overset{1,2}{0.791 \pm 0.107}$	$\overset{1,2}{0.792 \pm 0.110}$
<i>ecoli-0-3-4-7-vs-5-6</i>	$\overline{-}$	$\overset{1}{0.834 \pm 0.089}$	$\overset{1,2}{0.894 \pm 0.081}$	$\overset{1,2,3}{0.874 \pm 0.078}$	$\overset{1,2,3,6,7}{0.886 \pm 0.079}$	$\overset{1,2,3}{0.833 \pm 0.082}$	$\overset{1,2,3}{0.802 \pm 0.091}$
<i>ecoli-0-2-6-7-vs-3-5</i>	$\overline{-}$	$\overset{1,7}{0.635 \pm 0.157}$	$\overset{1,2,6,7}{0.687 \pm 0.143}$	$\overset{1,2,6,7}{0.808 \pm 0.100}$	$\overset{1,2,6,7}{0.817 \pm 0.103}$	$\overset{1,7}{0.773 \pm 0.100}$	$\overline{-}$
<i>shuttle-c0-vs-c4</i>	$\overline{-}$	$\overset{1}{0.989 \pm 0.014}$	$\overset{1,2}{0.989 \pm 0.014}$	$\overset{1,2,3,6,7}{0.993 \pm 0.009}$	$\overset{1,2,3,6,7}{0.993 \pm 0.009}$	$\overset{1,2,3}{0.993 \pm 0.009}$	$\overset{1,2,3}{0.993 \pm 0.009}$
<i>ecoli-0-3-4-vs-5</i>	$\overline{-}$	$\overline{-}$	$\overline{-}$	$\overset{1,2,3}{0.909 \pm 0.104}$	$\overset{1,2,3}{0.908 \pm 0.104}$	$\overset{1,2,3}{0.811 \pm 0.123}$	$\overset{1,2,3}{0.785 \pm 0.116}$
	$\overline{-}$	$\overset{1,7}{0.826 \pm 0.111}$	$\overset{1,2,6,7}{0.893 \pm 0.110}$	$\overset{1,2,3,6,7}{0.909 \pm 0.104}$	$\overset{1,2,3,6,7}{0.908 \pm 0.104}$	$\overset{7}{0.811 \pm 0.123}$	$\overline{-}$

Table 1: Results for BAC metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.366	2.866	4.646	5.195	5.805	3.549	3.573
	$\overline{-}$	1	1,2,6,7	1,2,6,7	<i>all</i>	1	1

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	0.450 ± 0.201	0.500 ± 0.207	0.498 ± 0.250	0.502 ± 0.238	0.157 ± 0.104	0.130 ± 0.103
<i>ecoli-0-2-3-4-vs-5</i>	<sup>1,6,7</sup> 0.442 ± 0.170	<sup>1,6,7</sup> 0.499 ± 0.191	<sup>1,2,6,7</sup> 0.717 ± 0.161	<sup>1,6,7</sup> 0.799 ± 0.119	<sup>1,6,7</sup> 0.796 ± 0.123	<sup>7</sup> 0.558 ± 0.184	<sup>1</sup> 0.518 ± 0.203
<i>glass-0-1-6-vs-2</i>	<sup>1</sup> 0.184 ± 0.057	<sup>1</sup> 0.186 ± 0.062	<sup>1,2,6,7</sup> 0.212 ± 0.106	<sup>1,2,3,6,7</sup> 0.300 ± 0.104	<sup>1,2,3,6,7</sup> 0.304 ± 0.099	<sup>1,7</sup> 0.199 ± 0.045	<sup>1</sup> 0.201 ± 0.042
<i>ecoli-0-1-vs-5</i>	<sup>1,2</sup> 0.667 ± 0.299	<sup>1,2</sup> 0.747 ± 0.247	<sup>1,2,6,7</sup> 0.832 ± 0.139	<sup>1,2,3,6,7</sup> 0.865 ± 0.102	<sup>1,2,3,6,7</sup> 0.861 ± 0.109	<sup>1</sup> 0.803 ± 0.138	<sup>1,6</sup> 0.762 ± 0.149
<i>yeast-1-4-5-8-vs-7</i>	<sup>1,2,7</sup> 0.090 ± 0.002	<sup>1</sup> 0.091 ± 0.002	<sup>1,2,7</sup> 0.097 ± 0.012	<sup>1,2,6,7</sup> 0.144 ± 0.052	<sup>1,2,6,7</sup> 0.144 ± 0.052	<sup>1,7</sup> 0.101 ± 0.026	<sup>1</sup> 0.107 ± 0.031
<i>ecoli4</i>	<sup>1</sup> 0.454 ± 0.158	<sup>1</sup> 0.459 ± 0.129	<sup>1,2</sup> 0.695 ± 0.185	<sup>1,2,3,6,7</sup> 0.834 ± 0.152	<sup>1,2,3,6,7</sup> 0.796 ± 0.160	<sup>1,2</sup> 0.509 ± 0.266	<sup>1,2</sup> 0.462 ± 0.260
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1,2,6,7</sup> 0.553 ± 0.117	<sup>1,2,6,7</sup> 0.535 ± 0.093	<sup>1,2,6,7</sup> 0.611 ± 0.140	<sup>all</sup> 0.386 ± 0.175	<sup>1,2,3,6,7</sup> 0.385 ± 0.176	<sup>7</sup> 0.487 ± 0.074	<sup>1</sup> 0.456 ± 0.073
<i>glass5</i>	<sup>2,4,5,6,7</sup> 0.747 ± 0.183	<sup>4,5,6,7</sup> 0.675 ± 0.249	<sup>all</sup> 0.688 ± 0.257	<sup>1,2,3</sup> 0.803 ± 0.277	<sup>1,2,3</sup> 0.803 ± 0.277	<sup>4,5,7</sup> 0.780 ± 0.276	<sup>4,5</sup> 0.780 ± 0.276
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1,2,3</sup> 0.384 ± 0.145	<sup>1,2,3</sup> 0.467 ± 0.175	<sup>1,2,6,7</sup> 0.733 ± 0.201	<sup>1,2,3,6,7</sup> 0.772 ± 0.148	<sup>1,2,3,6,7</sup> 0.768 ± 0.149	<sup>1,2,3</sup> 0.513 ± 0.212	<sup>1,2,3</sup> 0.468 ± 0.210
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,7</sup> 0.176 ± 0.008	<sup>1</sup> 0.176 ± 0.007	<sup>1,2,6,7</sup> 0.304 ± 0.115	<sup>1,2,3,6,7</sup> 0.465 ± 0.084	<sup>1,2,3,6,7</sup> 0.461 ± 0.096	<sup>1,7</sup> 0.256 ± 0.111	<sup>1</sup> 0.241 ± 0.093
<i>yeast6</i>	<sup>2</sup> 0.063 ± 0.004	<sup>1</sup> 0.064 ± 0.005	<sup>1,2,6,7</sup> 0.105 ± 0.026	<sup>1,2,3,6,7</sup> 0.378 ± 0.052	<sup>1,2,3,6,7</sup> 0.372 ± 0.054	<sup>1,2,7</sup> 0.097 ± 0.072	<sup>1,2</sup> 0.126 ± 0.115
<i>ecoli-0-6-7-vs-5</i>	<sup>1</sup> 0.610 ± 0.231	<sup>1</sup> 0.514 ± 0.159	<sup>1,2,6</sup> 0.688 ± 0.195	<sup>all</sup> 0.758 ± 0.165	<sup>1,2,3,6,7</sup> 0.748 ± 0.153	<sup>1,2</sup> 0.502 ± 0.146	<sup>1,2,3</sup> 0.482 ± 0.165
<i>glass-0-1-6-vs-5</i>	<sup>2,6,7</sup> 0.807 ± 0.227	<sup>1</sup> 0.754 ± 0.266	<sup>1,2,6,7</sup> 0.754 ± 0.266	<sup>1,2,3,6,7</sup> 0.776 ± 0.267	<sup>1,2,3,6,7</sup> 0.776 ± 0.267	<sup>7</sup> 0.773 ± 0.269	<sup>1</sup> 0.769 ± 0.267
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1</sup> 0.421 ± 0.251	<sup>1</sup> 0.605 ± 0.348	<sup>1</sup> 0.631 ± 0.359	<sup>1</sup> 0.659 ± 0.369	<sup>1</sup> 0.626 ± 0.364	<sup>1</sup> 0.494 ± 0.307	<sup>1</sup> 0.437 ± 0.281
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>1,6,7</sup> 0.466 ± 0.094	<sup>1,6,7</sup> 0.590 ± 0.082	<sup>1,6,7</sup> 0.603 ± 0.077	<sup>1,2,6,7</sup> 0.549 ± 0.103	<sup>1,6,7</sup> 0.608 ± 0.090	<sup>1,7</sup> 0.573 ± 0.111	<sup>1</sup> 0.552 ± 0.101
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1,4,7</sup> 0.590 ± 0.239	<sup>1,4,7</sup> 0.648 ± 0.235	<sup>1,2,4,6,7</sup> 0.742 ± 0.192	<sup>1</sup> 0.771 ± 0.183	<sup>1,4,6,7</sup> 0.779 ± 0.181	<sup>1,4,7</sup> 0.612 ± 0.151	<sup>1</sup> 0.555 ± 0.148
<i>yeast5</i>	<sup>1,7</sup> 0.152 ± 0.019	<sup>1,7</sup> 0.135 ± 0.019	<sup>1,2,6,7</sup> 0.170 ± 0.027	<sup>1,2,6,7</sup> 0.611 ± 0.067	<sup>1,2,3,6,7</sup> 0.611 ± 0.067	<sup>7</sup> 0.496 ± 0.208	<sup>1</sup> 0.514 ± 0.202
<i>shuttle-c2-vs-c4</i>	<sup>2</sup> 0.881 ± 0.211	<sup>1</sup> 0.956 ± 0.136	<sup>1,2</sup> 0.968 ± 0.109	<sup>1,2,3,6,7</sup> 0.700 ± 0.443	<sup>1,2,3,6,7</sup> 0.700 ± 0.443	<sup>1,2,3</sup> 0.635 ± 0.419	<sup>1,2,3</sup> 0.665 ± 0.430
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>6,7</sup> 0.426 ± 0.208	<sup>4,5,6,7</sup> 0.431 ± 0.224	<sup>1,4,5,6,7</sup> 0.643 ± 0.247	<sup>6</sup> 0.722 ± 0.187	<sup>6</sup> 0.778 ± 0.165	<sup>1</sup> 0.661 ± 0.190	<sup>1</sup> 0.584 ± 0.151
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2</sup> 0.196 ± 0.006	<sup>1,2</sup> 0.196 ± 0.019	<sup>1,2</sup> 0.309 ± 0.101	<sup>1,2,3,6,7</sup> 0.379 ± 0.112	<sup>all</sup> 0.401 ± 0.109	<sup>1,2,7</sup> 0.209 ± 0.032	<sup>1,2</sup> 0.221 ± 0.061
<i>yeast-1-vs-7</i>	<sup>1</sup> 0.148 ± 0.011	<sup>1</sup> 0.148 ± 0.012	<sup>1,2,6,7</sup> 0.205 ± 0.059	<sup>1,2,3,6,7</sup> 0.242 ± 0.094	<sup>1,2,3,6,7</sup> 0.228 ± 0.072	<sup>1,2</sup> 0.146 ± 0.018	<sup>1,2</sup> 0.147 ± 0.017
<i>yeast-1-2-8-9-vs-7</i>	<sup>1,2,6,7</sup> 0.066 ± 0.001	<sup>1,2,6,7</sup> 0.067 ± 0.001	<sup>1,2,6,7</sup> 0.074 ± 0.008	<sup>1,2,3,6,7</sup> 0.170 ± 0.056	<sup>1,2,3,6,7</sup> 0.170 ± 0.057	<sup>1</sup> 0.094 ± 0.050	<sup>1</sup> 0.098 ± 0.052
<i>ecoli-0-1-4-6-vs-5</i>	<sup>1</sup> 0.652 ± 0.214	<sup>1</sup> 0.635 ± 0.178	<sup>1,2</sup> 0.741 ± 0.173	<sup>1,2,3,6,7</sup> 0.809 ± 0.107	<sup>1,2,3,6,7</sup> 0.802 ± 0.110	<sup>1,2</sup> 0.591 ± 0.197	<sup>1,2</sup> 0.548 ± 0.220
<i>glass-0-1-5-vs-2</i>	<sup>7</sup> 0.200 ± 0.081	<sup>7</sup> 0.182 ± 0.061	<sup>1,2,6,7</sup> 0.234 ± 0.112	<sup>1,2,3,6,7</sup> 0.305 ± 0.097	<sup>1,2,3,6,7</sup> 0.306 ± 0.095	<sup>7</sup> 0.199 ± 0.038	<sup>1</sup> 0.198 ± 0.037
<i>yeast-2-vs-4</i>	<sup>2</sup> 0.301 ± 0.222	<sup>1</sup> 0.240 ± 0.114	<sup>1,2,6,7</sup> 0.591 ± 0.159	<sup>1,2,3,6,7</sup> 0.759 ± 0.114	<sup>1,2,3,6,7</sup> 0.734 ± 0.102	<sup>2,7</sup> 0.403 ± 0.255	<sup>1</sup> 0.377 ± 0.197
<i>glass-0-6-vs-5</i>	<sup>2</sup> 0.867 ± 0.273	<sup>1</sup> 0.821 ± 0.282	<sup>1,2,6,7</sup> 0.821 ± 0.282	<sup>all</sup> 0.773 ± 0.322	<sup>1,2,3,6,7</sup> 0.773 ± 0.322	<sup>1,2,7</sup> 0.779 ± 0.322	<sup>2</sup> 0.779 ± 0.322
<i>glass2</i>	<sup>4,5,6,7</sup> 0.186 ± 0.050	<sup>1</sup> 0.193 ± 0.048	<sup>1</sup> 0.212 ± 0.082	<sup>1</sup> 0.319 ± 0.096	<sup>1</sup> 0.321 ± 0.102	<sup>1</sup> 0.206 ± 0.043	<sup>1</sup> 0.205 ± 0.044
<i>yeast-2-vs-8</i>	<sup>1,2</sup> 0.193 ± 0.205	<sup>1,2</sup> 0.188 ± 0.185	<sup>1,2</sup> 0.501 ± 0.175	<sup>1,2,3,6,7</sup> 0.665 ± 0.200	<sup>1,2,3,6,7</sup> 0.661 ± 0.201	<sup>1,7</sup> 0.252 ± 0.245	<sup>1</sup> 0.126 ± 0.071
<i>vowel0</i>	<sup>2</sup> 0.720 ± 0.049	<sup>7</sup> 0.596 ± 0.039	<sup>1,2,6,7</sup> 0.642 ± 0.034	<sup>1,2,3,6,7</sup> 0.804 ± 0.079	<sup>1,2,3,6,7</sup> 0.801 ± 0.066	<sup>7</sup> 0.671 ± 0.044	<sup>1</sup> 0.585 ± 0.036
<i>glass-0-4-vs-5</i>	<sup>2,3,6,7</sup> 0.925 ± 0.170	<sup>7</sup> 0.853 ± 0.197	<sup>2,7</sup> 0.859 ± 0.197	<sup>1,2,3,6,7</sup> 0.907 ± 0.189	<sup>1,2,3,6,7</sup> 0.913 ± 0.186	<sup>2,3,7</sup> 0.910 ± 0.192	<sup>1</sup> 0.917 ± 0.189
<i>glass-0-1-4-6-vs-2</i>	<sup>2,3</sup> 0.177 ± 0.060	<sup>1</sup> 0.179 ± 0.061	<sup>1</sup> 0.208 ± 0.088	<sup>2</sup> 0.311 ± 0.092	<sup>2,3</sup> 0.313 ± 0.092	<sup>2</sup> 0.201 ± 0.028	<sup>2,3</sup> 0.202 ± 0.029
<i>yeast4</i>	<sup>1,2</sup> 0.074 ± 0.006	<sup>1,2</sup> 0.070 ± 0.004	<sup>1,2</sup> 0.079 ± 0.008	<sup>1,2,3,6,7</sup> 0.325 ± 0.057	<sup>1,2,3,6,7</sup> 0.325 ± 0.056	<sup>1</sup> 0.129 ± 0.106	<sup>1</sup> 0.149 ± 0.119
<i>ecoli-0-4-6-vs-5</i>	<sup>2</sup> 0.670 ± 0.212	<sup>1</sup> 0.683 ± 0.189	<sup>1,2</sup> 0.770 ± 0.186	<sup>1,2,3,6,7</sup> 0.785 ± 0.140	<sup>1,2,3,6,7</sup> 0.782 ± 0.141	<sup>1</sup> 0.655 ± 0.189	<sup>6</sup> 0.654 ± 0.192
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,6,7</sup> 0.502 ± 0.143	<sup>1,2,6,7</sup> 0.489 ± 0.147	<sup>1,2,6,7</sup> 0.553 ± 0.180	<sup>1,2,6,7</sup> 0.538 ± 0.166	<sup>1,2,6,7</sup> 0.583 ± 0.169	<sup>1</sup> 0.525 ± 0.143	<sup>1</sup> 0.487 ± 0.135
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>2</sup> 0.206 ± 0.012	<sup>1</sup> 0.201 ± 0.062	<sup>1,2,7</sup> 0.400 ± 0.177	<sup>1,2,7</sup> 0.718 ± 0.098	<sup>all</sup> 0.687 ± 0.104	<sup>1,2,7</sup> 0.256 ± 0.099	<sup>1</sup> 0.462 ± 0.218
<i>ecoli-0-1-vs-2-3-5</i>	<sup>2</sup> 0.267 ± 0.338	<sup>1</sup> 0.306 ± 0.345	<sup>1,2,6</sup> 0.728 ± 0.262	<sup>all</sup> 0.753 ± 0.218	<sup>1,2,3,6,7</sup> 0.765 ± 0.215	<sup>1,2</sup> 0.702 ± 0.182	<sup>1,2,6</sup> 0.681 ± 0.185
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2</sup> 0.202 ± 0.307	<sup>1,2</sup> 0.281 ± 0.299	<sup>1,2</sup> 0.446 ± 0.257	<sup>1,2,7</sup> 0.663 ± 0.165	<sup>1,2,6,7</sup> 0.681 ± 0.167	<sup>1,2</sup> 0.564 ± 0.206	<sup>1,2</sup> 0.511 ± 0.195
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1</sup> 0.414 ± 0.114	<sup>1</sup> 0.515 ± 0.140	<sup>1,2</sup> 0.730 ± 0.126	<sup>1,2,3,6,7</sup> 0.765 ± 0.123	<sup>1,2,3,6,7</sup> 0.776 ± 0.122	<sup>1,2,3,7</sup> 0.510 ± 0.158	<sup>1,2</sup> 0.444 ± 0.146
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1,7</sup> 0.216 ± 0.296	<sup>1,7</sup> 0.316 ± 0.288	<sup>1,2,6,7</sup> 0.439 ± 0.267	<sup>1,2,6,7</sup> 0.671 ± 0.181	<sup>1,2,3,6,7</sup> 0.669 ± 0.175	<sup>1,7</sup> 0.540 ± 0.208	<sup>1</sup> 0.506 ± 0.204
<i>shuttle-c0-vs-c4</i>	<sup>1</sup> 0.978 ± 0.022	<sup>1</sup> 0.977 ± 0.022	<sup>1,2</sup> 0.977 ± 0.022	<sup>1,2,3,6,7</sup> 0.993 ± 0.009	<sup>1,2,3,6,7</sup> 0.993 ± 0.009	<sup>1,2,7</sup> 0.993 ± 0.010	<sup>1,2</sup> 0.993 ± 0.010
<i>ecoli-0-3-4-vs-5</i>	<sup>1,2,3</sup> 0.443 ± 0.172	<sup>1</sup> 0.518 ± 0.188	<sup>1,2</sup> 0.729 ± 0.182	<sup>1,2,3</sup> 0.801 ± 0.161	<sup>1,2,3</sup> 0.797 ± 0.161	<sup>1,2,3</sup> 0.507 ± 0.207	<sup>1,2,3</sup> 0.448 ± 0.194
	<sup>1,7</sup> —	<sup>1,7</sup> —	<sup>1,2,6,7</sup> —	<sup>1,2,3,6,7</sup> —	<sup>1,2,3,6,7</sup> —	<sup>7</sup> —	<sup>1</sup> —

Table 3: Results for F1 metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.463	2.500	4.476	6.000	6.024	3.500	3.037
	—	—	1,2,6,7	1,2,3,6,7	1,2,3,6,7	1,2,7	—

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	0.369 ± 0.202	0.458 ± 0.238	0.456 ± 0.268	0.456 ± 0.253	0.096 ± 0.079	0.075 ± 0.075
<i>ecoli-0-2-3-4-vs-5</i>	<sup>7</sup> 0.337 ± 0.200	<sup>1,6,7</sup> 0.396 ± 0.226	<sup>1,2,6,7</sup> 0.650 ± 0.214	<sup>1,2,6,7</sup> 0.794 ± 0.166	<sup>1,2,6,7</sup> 0.789 ± 0.172	<sup>7</sup> 0.478 ± 0.263	<sup>—</sup> 0.441 ± 0.278
<i>glass-0-1-6-vs-2</i>	<sup>—</sup> 0.106 ± 0.034	<sup>1</sup> 0.106 ± 0.037	<sup>1,2,6,7</sup> 0.129 ± 0.070	<sup>1,2,3,6,7</sup> 0.192 ± 0.072	<sup>1,2,3,6,7</sup> 0.194 ± 0.069	<sup>1,7</sup> 0.112 ± 0.026	<sup>—</sup> 0.113 ± 0.025
<i>ecoli-0-1-vs-5</i>	<sup>—</sup> 0.785 ± 0.364	<sup>—</sup> 0.802 ± 0.273	<sup>1,2,6,7</sup> 0.897 ± 0.149	<sup>1,2,3,6,7</sup> 0.960 ± 0.094	<sup>1,2,3,6,7</sup> 0.958 ± 0.099	<sup>—</sup> 0.816 ± 0.205	<sup>6</sup> 0.754 ± 0.227
<i>yeast-1-4-5-8-vs-7</i>	<sup>—</sup> 0.047 ± 0.001	<sup>—</sup> 0.047 ± 0.001	<sup>2,6,7</sup> 0.051 ± 0.006	<sup>1,2,3,6,7</sup> 0.084 ± 0.031	<sup>1,2,3,6,7</sup> 0.084 ± 0.031	<sup>7</sup> 0.054 ± 0.016	<sup>—</sup> 0.058 ± 0.019
<i>ecoli4</i>	<sup>—</sup> 0.315 ± 0.155	<sup>1</sup> 0.314 ± 0.131	<sup>1,2</sup> 0.587 ± 0.224	<sup>1,2,3,6,7</sup> 0.816 ± 0.184	<sup>1,2,3,6,7</sup> 0.745 ± 0.201	<sup>1,2</sup> 0.432 ± 0.319	<sup>1,2</sup> 0.377 ± 0.298
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>—</sup> 0.428 ± 0.117	<sup>—</sup> 0.392 ± 0.090	<sup>1,2,6,7</sup> 0.510 ± 0.206	<sup>all</sup> 0.492 ± 0.243	<sup>1,2,3,6,7</sup> 0.480 ± 0.238	<sup>7</sup> 0.342 ± 0.067	<sup>—</sup> 0.318 ± 0.071
<i>glass5</i>	<sup>2,6,7</sup> 0.655 ± 0.213	<sup>6,7</sup> 0.633 ± 0.272	<sup>1,2,6,7</sup> 0.653 ± 0.280	<sup>2,6,7</sup> 0.850 ± 0.292	<sup>2,6,7</sup> 0.850 ± 0.292	<sup>7</sup> 0.803 ± 0.297	<sup>—</sup> 0.803 ± 0.297
<i>ecoli-0-3-4-6-vs-5</i>	<sup>—</sup> 0.274 ± 0.157	<sup>—</sup> 0.344 ± 0.181	<sup>—</sup> 0.667 ± 0.232	<sup>1,2,3</sup> 0.742 ± 0.177	<sup>1,2,3</sup> 0.731 ± 0.179	<sup>1,2,3</sup> 0.418 ± 0.255	<sup>1,2,3</sup> 0.377 ± 0.253
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>—</sup> 0.097 ± 0.005	<sup>1</sup> 0.097 ± 0.004	<sup>1,2,6,7</sup> 0.191 ± 0.087	<sup>1,2,3,6,7</sup> 0.355 ± 0.119	<sup>1,2,3,6,7</sup> 0.336 ± 0.108	<sup>1,2,7</sup> 0.160 ± 0.092	<sup>1</sup> 0.146 ± 0.072
<i>yeast6</i>	<sup>2</sup> 0.032 ± 0.002	<sup>—</sup> 0.033 ± 0.003	<sup>1,2,7</sup> 0.056 ± 0.015	<sup>all</sup> 0.246 ± 0.040	<sup>1,2,3,6,7</sup> 0.241 ± 0.041	<sup>1,2,7</sup> 0.053 ± 0.047	<sup>1,2</sup> 0.072 ± 0.078
<i>ecoli-0-6-7-vs-5</i>	<sup>—</sup> 0.597 ± 0.279	<sup>1</sup> 0.395 ± 0.173	<sup>1,2,6</sup> 0.627 ± 0.241	<sup>all</sup> 0.787 ± 0.187	<sup>1,2,3,6,7</sup> 0.758 ± 0.179	<sup>1,2</sup> 0.413 ± 0.212	<sup>1,2,3</sup> 0.393 ± 0.223
<i>glass-0-1-6-vs-5</i>	<sup>2,6,7</sup> 0.756 ± 0.272	<sup>—</sup> 0.780 ± 0.298	<sup>2,6,7</sup> 0.780 ± 0.298	<sup>1,2,3,6,7</sup> 0.827 ± 0.286	<sup>1,2,3,6,7</sup> 0.827 ± 0.286	<sup>7</sup> 0.817 ± 0.289	<sup>—</sup> 0.810 ± 0.288
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>—</sup> 0.353 ± 0.279	<sup>—</sup> 0.573 ± 0.365	<sup>—</sup> 0.620 ± 0.380	<sup>—</sup> 0.673 ± 0.395	<sup>—</sup> 0.630 ± 0.398	<sup>—</sup> 0.431 ± 0.321	<sup>—</sup> 0.372 ± 0.306
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>—</sup> 0.643 ± 0.115	<sup>1,6,7</sup> 0.607 ± 0.088	<sup>1,6,7</sup> 0.623 ± 0.089	<sup>1,2,6,7</sup> 0.727 ± 0.106	<sup>1,6,7</sup> 0.691 ± 0.090	<sup>7</sup> 0.616 ± 0.139	<sup>—</sup> 0.486 ± 0.119
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>2,7</sup> 0.838 ± 0.239	<sup>7</sup> 0.688 ± 0.243	<sup>2,7</sup> 0.761 ± 0.201	<sup>all</sup> 0.874 ± 0.185	<sup>1,2,3,6,7</sup> 0.838 ± 0.192	<sup>7</sup> 0.594 ± 0.213	<sup>—</sup> 0.437 ± 0.161
<i>yeast5</i>	<sup>2,3,6,7</sup> 0.082 ± 0.011	<sup>6,7</sup> 0.073 ± 0.011	<sup>2,6,7</sup> 0.093 ± 0.016	<sup>2,3,6,7</sup> 0.446 ± 0.068	<sup>2,3,6,7</sup> 0.446 ± 0.068	<sup>7</sup> 0.354 ± 0.170	<sup>—</sup> 0.370 ± 0.164
<i>shuttle-c2-vs-c4</i>	<sup>2</sup> 0.840 ± 0.277	<sup>—</sup> 0.949 ± 0.174	<sup>1,2</sup> 0.975 ± 0.124	<sup>1,2,3,6,7</sup> 0.720 ± 0.448	<sup>1,2,3,6,7</sup> 0.720 ± 0.448	<sup>1,2,3</sup> 0.623 ± 0.431	<sup>1,2,3</sup> 0.667 ± 0.439
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>6,7</sup> 0.778 ± 0.304	<sup>1,4,5,6,7</sup> 0.758 ± 0.299	<sup>1,4,5,6,7</sup> 0.826 ± 0.222	<sup>6</sup> 0.927 ± 0.132	<sup>6</sup> 0.898 ± 0.135	<sup>—</sup> 0.811 ± 0.202	<sup>—</sup> 0.520 ± 0.188
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>7</sup> 0.109 ± 0.003	<sup>7</sup> 0.110 ± 0.015	<sup>2,7</sup> 0.213 ± 0.092	<sup>1,2,3,6,7</sup> 0.435 ± 0.174	<sup>1,2,3,6,7</sup> 0.400 ± 0.165	<sup>7</sup> 0.129 ± 0.081	<sup>—</sup> 0.129 ± 0.048
<i>yeast-1-vs-7</i>	<sup>—</sup> 0.080 ± 0.006	<sup>1</sup> 0.080 ± 0.006	<sup>1,2,6,7</sup> 0.119 ± 0.037	<sup>all</sup> 0.159 ± 0.081	<sup>1,2,3,6,7</sup> 0.143 ± 0.045	<sup>1,2</sup> 0.079 ± 0.010	<sup>1,2</sup> 0.080 ± 0.010
<i>yeast-1-2-8-9-vs-7</i>	<sup>—</sup> 0.034 ± 0.000	<sup>—</sup> 0.035 ± 0.001	<sup>1,2,6,7</sup> 0.039 ± 0.004	<sup>1,2,3,6,7</sup> 0.102 ± 0.034	<sup>1,2,3,6,7</sup> 0.102 ± 0.035	<sup>—</sup> 0.052 ± 0.033	<sup>—</sup> 0.055 ± 0.034
<i>ecoli-0-1-4-6-vs-5</i>	<sup>—</sup> 0.624 ± 0.271	<sup>1</sup> 0.540 ± 0.212	<sup>1,2</sup> 0.705 ± 0.226	<sup>1,2,3,6,7</sup> 0.838 ± 0.159	<sup>1,2,3,6,7</sup> 0.825 ± 0.166	<sup>1,2</sup> 0.508 ± 0.256	<sup>1,2</sup> 0.458 ± 0.262
<i>glass-0-1-5-vs-2</i>	<sup>2,6,7</sup> 0.119 ± 0.052	<sup>7</sup> 0.104 ± 0.036	<sup>1,2,6,7</sup> 0.146 ± 0.074	<sup>1,2,3,6,7</sup> 0.195 ± 0.067	<sup>1,2,3,6,7</sup> 0.195 ± 0.066	<sup>7</sup> 0.112 ± 0.022	<sup>—</sup> 0.111 ± 0.022
<i>yeast-2-vs-4</i>	<sup>2</sup> 0.235 ± 0.270	<sup>—</sup> 0.147 ± 0.097	<sup>1,2,6,7</sup> 0.485 ± 0.160	<sup>1,2,3,6,7</sup> 0.791 ± 0.154	<sup>1,2,3,6,7</sup> 0.720 ± 0.125	<sup>7</sup> 0.323 ± 0.271	<sup>—</sup> 0.272 ± 0.183
<i>glass-0-6-vs-5</i>	<sup>2</sup> 0.853 ± 0.284	<sup>—</sup> 0.847 ± 0.290	<sup>1,2,6,7</sup> 0.847 ± 0.290	<sup>all</sup> 0.880 ± 0.324	<sup>1,2,3,6,7</sup> 0.880 ± 0.324	<sup>2,7</sup> 0.867 ± 0.326	<sup>2</sup> 0.867 ± 0.326
<i>glass2</i>	<sup>—</sup> 0.106 ± 0.029	<sup>—</sup> 0.109 ± 0.028	<sup>—</sup> 0.126 ± 0.052	<sup>—</sup> 0.209 ± 0.072	<sup>—</sup> 0.209 ± 0.077	<sup>—</sup> 0.116 ± 0.027	<sup>—</sup> 0.115 ± 0.028
<i>yeast-2-vs-8</i>	<sup>—</sup> 0.171 ± 0.241	<sup>—</sup> 0.156 ± 0.215	<sup>1,2</sup> 0.520 ± 0.275	<sup>1,2,3,6,7</sup> 0.911 ± 0.189	<sup>1,2,3,6,7</sup> 0.896 ± 0.199	<sup>7</sup> 0.266 ± 0.334	<sup>—</sup> 0.072 ± 0.055
<i>vowel0</i>	<sup>2</sup> 0.610 ± 0.063	<sup>7</sup> 0.440 ± 0.041	<sup>1,2,6,7</sup> 0.488 ± 0.039	<sup>1,2,3,6,7</sup> 0.844 ± 0.084	<sup>1,2,3,6,7</sup> 0.747 ± 0.069	<sup>7</sup> 0.533 ± 0.055	<sup>—</sup> 0.423 ± 0.034
<i>glass-0-4-vs-5</i>	<sup>2,3,6,7</sup> 0.913 ± 0.195	<sup>7</sup> 0.910 ± 0.200	<sup>2,7</sup> 0.910 ± 0.200	<sup>all</sup> 0.980 ± 0.139	<sup>1,2,3,6,7</sup> 0.980 ± 0.139	<sup>2,3,7</sup> 0.970 ± 0.155	<sup>—</sup> 0.970 ± 0.155
<i>glass-0-1-4-6-vs-2</i>	<sup>—</sup> 0.101 ± 0.034	<sup>—</sup> 0.102 ± 0.034	<sup>—</sup> 0.123 ± 0.054	<sup>1,2,3</sup> 0.201 ± 0.065	<sup>1,2,3</sup> 0.201 ± 0.064	<sup>—</sup> 0.113 ± 0.017	<sup>—</sup> 0.114 ± 0.017
<i>yeast4</i>	<sup>—</sup> 0.038 ± 0.003	<sup>—</sup> 0.036 ± 0.002	<sup>1,2</sup> 0.041 ± 0.004	<sup>1,2,3,6,7</sup> 0.212 ± 0.039	<sup>1,2,3,6,7</sup> 0.211 ± 0.037	<sup>—</sup> 0.077 ± 0.073	<sup>—</sup> 0.091 ± 0.082
<i>ecoli-0-4-6-vs-5</i>	<sup>2</sup> 0.621 ± 0.241	<sup>—</sup> 0.595 ± 0.213	<sup>1,2</sup> 0.742 ± 0.240	<sup>1,2,3,6,7</sup> 0.761 ± 0.178	<sup>1,2,3,6,7</sup> 0.754 ± 0.177	<sup>—</sup> 0.575 ± 0.236	<sup>6</sup> 0.570 ± 0.231
<i>page-blocks-1-3-vs-4</i>	<sup>—</sup> 0.468 ± 0.156	<sup>—</sup> 0.439 ± 0.161	<sup>1,2,6,7</sup> 0.482 ± 0.169	<sup>1,2,6,7</sup> 0.576 ± 0.184	<sup>1,2,6,7</sup> 0.589 ± 0.178	<sup>—</sup> 0.526 ± 0.157	<sup>—</sup> 0.456 ± 0.161
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>2</sup> 0.115 ± 0.007	<sup>—</sup> 0.114 ± 0.053	<sup>2</sup> 0.279 ± 0.157	<sup>1,2,3,6,7</sup> 0.649 ± 0.163	<sup>1,2,3,6,7</sup> 0.594 ± 0.156	<sup>1,2,3,7</sup> 0.153 ± 0.082	<sup>2</sup> 0.348 ± 0.205
<i>ecoli-0-1-vs-2-3-5</i>	<sup>2</sup> 0.433 ± 0.470	<sup>—</sup> 0.456 ± 0.460	<sup>1,2,6</sup> 0.868 ± 0.260	<sup>all</sup> 0.930 ± 0.212	<sup>1,2,3,6,7</sup> 0.921 ± 0.214	<sup>1,2</sup> 0.770 ± 0.270	<sup>1,2,3,6</sup> 0.672 ± 0.241
<i>ecoli-0-6-7-vs-3-5</i>	<sup>—</sup> 0.219 ± 0.313	<sup>—</sup> 0.325 ± 0.320	<sup>1,2,7</sup> 0.584 ± 0.318	<sup>1,2,6,7</sup> 0.755 ± 0.198	<sup>1,2,6,7</sup> 0.716 ± 0.193	<sup>1,2,7</sup> 0.542 ± 0.272	<sup>1,2</sup> 0.428 ± 0.226
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>—</sup> 0.326 ± 0.160	<sup>—</sup> 0.405 ± 0.167	<sup>1,2,7</sup> 0.669 ± 0.148	<sup>1,2,3,6,7</sup> 0.772 ± 0.141	<sup>1,2,3,6,7</sup> 0.771 ± 0.137	<sup>1,2,7</sup> 0.402 ± 0.195	<sup>1</sup> 0.324 ± 0.157
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>—</sup> 0.266 ± 0.354	<sup>1,7</sup> 0.412 ± 0.359	<sup>1,2,6,7</sup> 0.575 ± 0.338	<sup>1,2,3,6,7</sup> 0.731 ± 0.218	<sup>1,2,3,6,7</sup> 0.707 ± 0.218	<sup>1,7</sup> 0.510 ± 0.269	<sup>—</sup> 0.447 ± 0.256
<i>shuttle-c0-vs-c4</i>	<sup>—</sup> 0.976 ± 0.038	<sup>1</sup> 0.976 ± 0.037	<sup>1,2,7</sup> 0.976 ± 0.037	<sup>1,2,3,6,7</sup> 1.000 ± 0.000	<sup>1,2,3,6,7</sup> 1.000 ± 0.000	<sup>1,7</sup> 0.999 ± 0.005	<sup>1</sup> 0.999 ± 0.005
<i>ecoli-0-3-4-vs-5</i>	<sup>—</sup> 0.335 ± 0.202	<sup>—</sup> 0.410 ± 0.221	<sup>—</sup> 0.668 ± 0.204	<sup>1,2,3</sup> 0.790 ± 0.167	<sup>1,2,3</sup> 0.783 ± 0.168	<sup>1,2,3</sup> 0.419 ± 0.250	<sup>1,2,3</sup> 0.358 ± 0.249
	<sup>—</sup>	<sup>1,7</sup>	<sup>1,2,6,7</sup>	<sup>1,2,3,6,7</sup>	<sup>1,2,3,6,7</sup>	<sup>7</sup>	<sup>—</sup>

Table 5: Results for Precision metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.390	2.146	4.390	6.646	6.110	3.463	2.854
	—	—	1,2,6,7	<i>all</i>	1,2,3,6,7	1,2,7	—

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	0.667 ± 0.280	0.630 ± 0.283	0.617 ± 0.321	0.610 ± 0.293	0.640 ± 0.231	0.657 ± 0.231
<i>ecoli-0-2-3-4-vs-5</i>	<sup>−</sup> 0.830 ± 0.153	<sup>1</sup> 0.835 ± 0.170	<sup>1</sup> 0.845 ± 0.149	<sup>1</sup> 0.835 ± 0.155	<sup>1</sup> 0.835 ± 0.155	<sup>1</sup> 0.855 ± 0.158	<sup>1</sup> 0.845 ± 0.157
<i>glass-0-1-6-vs-2</i>	<sup>−</sup> 0.737 ± 0.215	<sup>−</sup> 0.777 ± 0.244	<sup>−</sup> 0.650 ± 0.267	<sup>−</sup> 0.723 ± 0.241	<sup>−</sup> 0.740 ± 0.225	<sup>−</sup> 0.903 ± 0.178	<sup>−</sup> 0.920 ± 0.151
<i>ecoli-0-1-vs-5</i>	<sup>3</sup> 0.620 ± 0.279	<sup>3</sup> 0.740 ± 0.259	<sup>−</sup> 0.800 ± 0.180	<sup>−</sup> 0.805 ± 0.152	<sup>3</sup> 0.800 ± 0.158	<sup>1,2,3,4,5</sup> 0.835 ± 0.155	<sup>1,2,3,4,5</sup> 0.830 ± 0.153
<i>yeast-1-4-5-8-vs-7</i>	<sup>−</sup> 1.000 ± 0.000	<sup>1</sup> 0.997 ± 0.023	<sup>1</sup> 0.910 ± 0.130	<sup>1</sup> 0.513 ± 0.193	<sup>1</sup> 0.513 ± 0.193	<sup>1</sup> 0.893 ± 0.212	<sup>1</sup> 0.850 ± 0.240
<i>ecoli4</i>	<sup>3,4,5,6,7</sup> 0.940 ± 0.106	<sup>3,4,5,6,7</sup> 0.945 ± 0.103	<sup>4,5</sup> 0.920 ± 0.116	<sup>−</sup> 0.880 ± 0.160	<sup>−</sup> 0.890 ± 0.159	<sup>4,5</sup> 0.930 ± 0.150	<sup>4,5</sup> 0.930 ± 0.150
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>4,5</sup> 0.816 ± 0.137	<sup>4,5</sup> 0.867 ± 0.116	<sup>−</sup> 0.853 ± 0.135	<sup>−</sup> 0.342 ± 0.177	<sup>−</sup> 0.345 ± 0.179	<sup>4</sup> 0.909 ± 0.143	<sup>4</sup> 0.900 ± 0.168
<i>glass5</i>	<sup>4,5</sup> 0.920 ± 0.208	<sup>1,4,5</sup> 0.790 ± 0.317	<sup>4,5</sup> 0.790 ± 0.317	<sup>−</sup> 0.810 ± 0.314	<sup>−</sup> 0.810 ± 0.314	<sup>1,2,3,4,5</sup> 0.810 ± 0.314	<sup>1,2,3,4,5</sup> 0.810 ± 0.314
<i>ecoli-0-3-4-6-vs-5</i>	<sup>2,3</sup> 0.840 ± 0.171	<sup>−</sup> 0.860 ± 0.159	<sup>−</sup> 0.850 ± 0.173	<sup>−</sup> 0.830 ± 0.169	<sup>−</sup> 0.835 ± 0.170	<sup>−</sup> 0.850 ± 0.173	<sup>−</sup> 0.860 ± 0.159
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>−</sup> 0.969 ± 0.045	<sup>−</sup> 0.977 ± 0.041	<sup>−</sup> 0.914 ± 0.092	<sup>−</sup> 0.752 ± 0.113	<sup>−</sup> 0.787 ± 0.109	<sup>−</sup> 0.912 ± 0.128	<sup>−</sup> 0.936 ± 0.112
<i>yeast6</i>	<sup>3,4,5,6</sup> 0.986 ± 0.042	<sup>3,4,5,6,7</sup> 0.991 ± 0.033	<sup>4,5</sup> 0.943 ± 0.080	<sup>−</sup> 0.837 ± 0.117	<sup>4</sup> 0.837 ± 0.117	<sup>4,5</sup> 0.989 ± 0.038	<sup>4,5</sup> 0.980 ± 0.049
<i>ecoli-0-6-7-vs-5</i>	<sup>3,4,5</sup> 0.720 ± 0.210	<sup>3,4,5</sup> 0.835 ± 0.177	<sup>4,5</sup> 0.825 ± 0.175	<sup>−</sup> 0.765 ± 0.196	<sup>−</sup> 0.775 ± 0.188	<sup>3,4,5</sup> 0.825 ± 0.201	<sup>3,4,5</sup> 0.820 ± 0.200
<i>glass-0-1-6-vs-5</i>	<sup>−</sup> 0.930 ± 0.223	<sup>1,4,5</sup> 0.790 ± 0.301	<sup>1,4,5</sup> 0.790 ± 0.301	<sup>−</sup> 0.780 ± 0.302	<sup>−</sup> 0.780 ± 0.302	<sup>1,4,5</sup> 0.780 ± 0.302	<sup>1,4</sup> 0.780 ± 0.302
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>all</sup> 0.700 ± 0.400	<sup>−</sup> 0.700 ± 0.400	<sup>−</sup> 0.700 ± 0.400	<sup>−</sup> 0.700 ± 0.400	<sup>−</sup> 0.700 ± 0.400	<sup>−</sup> 0.700 ± 0.400	<sup>−</sup> 0.700 ± 0.400
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>−</sup> 0.372 ± 0.096	<sup>−</sup> 0.586 ± 0.108	<sup>−</sup> 0.592 ± 0.094	<sup>−</sup> 0.448 ± 0.109	<sup>−</sup> 0.553 ± 0.116	<sup>−</sup> 0.575 ± 0.132	<sup>−</sup> 0.687 ± 0.111
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>−</sup> 0.492 ± 0.259	<sup>1,4,5,6</sup> 0.656 ± 0.280	<sup>1,4,5,6</sup> 0.756 ± 0.227	<sup>1</sup> 0.716 ± 0.212	<sup>1,4</sup> 0.756 ± 0.208	<sup>1,4</sup> 0.704 ± 0.170	<sup>all</sup> 0.852 ± 0.153
<i>yeast5</i>	<sup>−</sup> 0.996 ± 0.031	<sup>1</sup> 0.996 ± 0.031	<sup>1,2,4,6</sup> 0.996 ± 0.031	<sup>1</sup> 0.984 ± 0.044	<sup>1,2,6</sup> 0.984 ± 0.044	<sup>1</sup> 0.987 ± 0.042	<sup>all</sup> 0.987 ± 0.042
<i>shuttle-c2-vs-c4</i>	<sup>−</sup> 1.000 ± 0.000	<sup>−</sup> 0.990 ± 0.069	<sup>−</sup> 0.980 ± 0.097	<sup>−</sup> 0.690 ± 0.445	<sup>−</sup> 0.690 ± 0.445	<sup>−</sup> 0.690 ± 0.445	<sup>−</sup> 0.690 ± 0.445
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>4,5,6,7</sup> 0.308 ± 0.178	<sup>4,5,6,7</sup> 0.335 ± 0.242	<sup>4,5,6,7</sup> 0.560 ± 0.279	<sup>−</sup> 0.619 ± 0.226	<sup>−</sup> 0.712 ± 0.203	<sup>−</sup> 0.595 ± 0.228	<sup>−</sup> 0.761 ± 0.205
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>−</sup> 0.992 ± 0.033	<sup>−</sup> 0.978 ± 0.070	<sup>1,2</sup> 0.702 ± 0.210	<sup>1,2</sup> 0.428 ± 0.228	<sup>1,2,3,4,6</sup> 0.490 ± 0.208	<sup>1,2</sup> 0.914 ± 0.144	<sup>all</sup> 0.916 ± 0.140
<i>yeast-1-vs-7</i>	<sup>3,4,5,6,7</sup> 0.973 ± 0.077	<sup>3,4,5,6,7</sup> 0.960 ± 0.091	<sup>4,5</sup> 0.800 ± 0.208	<sup>−</sup> 0.577 ± 0.208	<sup>4</sup> 0.590 ± 0.213	<sup>3,4,5</sup> 0.940 ± 0.104	<sup>3,4,5</sup> 0.943 ± 0.122
<i>yeast-1-2-8-9-vs-7</i>	<sup>3,4,5,6</sup> 1.000 ± 0.000	<sup>3,4,5</sup> 1.000 ± 0.000	<sup>4,5</sup> 0.937 ± 0.110	<sup>−</sup> 0.523 ± 0.173	<sup>−</sup> 0.527 ± 0.177	<sup>3,4,5</sup> 0.843 ± 0.259	<sup>3,4,5</sup> 0.827 ± 0.268
<i>ecoli-0-1-4-6-vs-5</i>	<sup>3,4,5,6,7</sup> 0.750 ± 0.173	<sup>3,4,5,6,7</sup> 0.840 ± 0.164	<sup>4,5,7</sup> 0.830 ± 0.169	<sup>−</sup> 0.820 ± 0.158	<sup>−</sup> 0.820 ± 0.158	<sup>4,5</sup> 0.845 ± 0.157	<sup>4,5</sup> 0.850 ± 0.141
<i>glass-0-1-5-vs-2</i>	<sup>−</sup> 0.675 ± 0.253	<sup>1</sup> 0.730 ± 0.249	<sup>1</sup> 0.643 ± 0.279	<sup>1</sup> 0.732 ± 0.242	<sup>1</sup> 0.738 ± 0.236	<sup>1</sup> 0.913 ± 0.159	<sup>1</sup> 0.918 ± 0.158
<i>yeast-2-vs-4</i>	<sup>−</sup> 0.921 ± 0.100	<sup>1,3</sup> 0.942 ± 0.077	<sup>−</sup> 0.834 ± 0.113	<sup>3</sup> 0.753 ± 0.133	<sup>3</sup> 0.768 ± 0.126	<sup>1,2,3,4,5</sup> 0.873 ± 0.120	<sup>1,2,3,4,5</sup> 0.898 ± 0.106
<i>glass-0-6-vs-5</i>	<sup>3,4,5,6</sup> 0.900 ± 0.282	<sup>3,4,5,6,7</sup> 0.830 ± 0.310	<sup>4,5</sup> 0.830 ± 0.310	<sup>−</sup> 0.720 ± 0.348	<sup>−</sup> 0.720 ± 0.348	<sup>4,5</sup> 0.740 ± 0.349	<sup>3,4,5,6</sup> 0.740 ± 0.349
<i>glass2</i>	<sup>4,5,6,7</sup> 0.773 ± 0.200	<sup>4,5</sup> 0.830 ± 0.187	<sup>4,5</sup> 0.725 ± 0.251	<sup>−</sup> 0.727 ± 0.201	<sup>−</sup> 0.732 ± 0.198	<sup>−</sup> 0.935 ± 0.123	<sup>−</sup> 0.940 ± 0.121
<i>yeast-2-vs-8</i>	<sup>−</sup> 0.890 ± 0.218	<sup>1,3,4,5</sup> 0.875 ± 0.213	<sup>−</sup> 0.600 ± 0.223	<sup>−</sup> 0.555 ± 0.219	<sup>−</sup> 0.555 ± 0.219	<sup>1,2,3,4,5</sup> 0.765 ± 0.247	<sup>1,2,3,4,5</sup> 0.815 ± 0.216
<i>vowel0</i>	<sup>3,4,5,6,7</sup> 0.889 ± 0.081	<sup>3,4,5,6</sup> 0.929 ± 0.054	<sup>4,5</sup> 0.943 ± 0.056	<sup>−</sup> 0.781 ± 0.123	<sup>−</sup> 0.873 ± 0.101	<sup>3,4,5</sup> 0.918 ± 0.063	<sup>3,4,5,6</sup> 0.954 ± 0.056
<i>glass-0-4-vs-5</i>	<sup>4</sup> 0.960 ± 0.168	<sup>1,4,5</sup> 0.850 ± 0.250	<sup>1,2,4,5,6</sup> 0.860 ± 0.245	<sup>−</sup> 0.870 ± 0.241	<sup>4</sup> 0.880 ± 0.235	<sup>1,4,5</sup> 0.880 ± 0.235	<sup>1,2,4,5,6</sup> 0.890 ± 0.230
<i>glass-0-1-4-6-vs-2</i>	<sup>2,3,4</sup> 0.745 ± 0.267	<sup>−</sup> 0.772 ± 0.279	<sup>−</sup> 0.703 ± 0.282	<sup>−</sup> 0.718 ± 0.194	<sup>−</sup> 0.735 ± 0.199	<sup>−</sup> 0.917 ± 0.132	<sup>−</sup> 0.928 ± 0.125
<i>yeast4</i>	<sup>−</sup> 0.961 ± 0.057	<sup>3</sup> 0.973 ± 0.047	<sup>−</sup> 0.953 ± 0.062	<sup>−</sup> 0.714 ± 0.137	<sup>−</sup> 0.722 ± 0.132	<sup>1,2,3,4,5</sup> 0.915 ± 0.147	<sup>1,2,3,4,5</sup> 0.899 ± 0.158
<i>ecoli-0-4-6-vs-5</i>	<sup>4,5,7</sup> 0.780 ± 0.184	<sup>3,4,5,6,7</sup> 0.850 ± 0.158	<sup>4,5</sup> 0.845 ± 0.165	<sup>−</sup> 0.835 ± 0.155	<sup>−</sup> 0.835 ± 0.155	<sup>4,5</sup> 0.840 ± 0.156	<sup>4,5</sup> 0.850 ± 0.141
<i>page-blocks-1-3-vs-4</i>	<sup>−</sup> 0.576 ± 0.190	<sup>1</sup> 0.597 ± 0.202	<sup>1</sup> 0.690 ± 0.254	<sup>1</sup> 0.527 ± 0.185	<sup>1</sup> 0.609 ± 0.209	<sup>1</sup> 0.559 ± 0.196	<sup>1</sup> 0.589 ± 0.204
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4</sup> 0.986 ± 0.031	<sup>4</sup> 0.987 ± 0.027	<sup>all</sup> 0.932 ± 0.082	<sup>−</sup> 0.850 ± 0.082	<sup>1,4,6</sup> 0.863 ± 0.081	<sup>−</sup> 0.972 ± 0.039	<sup>4</sup> 0.917 ± 0.070
<i>ecoli-0-1-vs-2-3-5</i>	<sup>3,4,5,6,7</sup> 0.218 ± 0.314	<sup>3,4,5,6,7</sup> 0.264 ± 0.341	<sup>4,5</sup> 0.653 ± 0.282	<sup>−</sup> 0.654 ± 0.232	<sup>4</sup> 0.676 ± 0.233	<sup>3,4,5,7</sup> 0.723 ± 0.184	<sup>4,5</sup> 0.767 ± 0.173
<i>ecoli-0-6-7-vs-3-5</i>	<sup>−</sup> 0.199 ± 0.320	<sup>1</sup> 0.292 ± 0.360	<sup>1,2</sup> 0.415 ± 0.305	<sup>1,2</sup> 0.615 ± 0.176	<sup>1,2</sup> 0.678 ± 0.206	<sup>1,2,4</sup> 0.706 ± 0.186	<sup>all</sup> 0.761 ± 0.161
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>−</sup> 0.792 ± 0.236	<sup>1</sup> 0.836 ± 0.198	<sup>1,2</sup> 0.840 ± 0.164	<sup>1,2,3</sup> 0.776 ± 0.153	<sup>1,2,3,4</sup> 0.800 ± 0.154	<sup>1,2,3,4</sup> 0.868 ± 0.167	<sup>all</sup> 0.884 ± 0.155
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>−</sup> 0.199 ± 0.290	<sup>4,5</sup> 0.304 ± 0.321	<sup>4,5</sup> 0.404 ± 0.291	<sup>−</sup> 0.646 ± 0.192	<sup>−</sup> 0.669 ± 0.199	<sup>1,4,5</sup> 0.692 ± 0.139	<sup>1,3,4,5</sup> 0.740 ± 0.155
<i>shuttle-c0-vs-c4</i>	<sup>−</sup> 0.982 ± 0.025	<sup>1</sup> 0.980 ± 0.028	<sup>1,2</sup> 0.980 ± 0.028	<sup>1,2,3</sup> 0.986 ± 0.019	<sup>1,2,3</sup> 0.986 ± 0.019	<sup>1,2,3</sup> 0.986 ± 0.019	<sup>1,2,3,4,5</sup> 0.986 ± 0.019
<i>ecoli-0-3-4-vs-5</i>	<sup>−</sup> 0.845 ± 0.186	<sup>−</sup> 0.845 ± 0.192	<sup>−</sup> 0.840 ± 0.210	<sup>−</sup> 0.845 ± 0.205	<sup>−</sup> 0.845 ± 0.205	<sup>−</sup> 0.855 ± 0.200	<sup>−</sup> 0.860 ± 0.194

Table 7: Results for Recall metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.902	4.780	3.768	2.366	3.085	4.732	5.366
	4	1,3,4,5	4	−	4	3,4,5	1,3,4,5,6

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	0.788 ± 0.148	0.788 ± 0.140	0.782 ± 0.162	0.779 ± 0.150	0.560 ± 0.155	0.511 ± 0.153
<i>ecoli-0-2-3-4-vs-5</i>	<sup>1,6,7</sup> 0.780 ± 0.098	<sup>1,6,7</sup> 0.812 ± 0.100	<sup>1,2,6,7</sup> 0.891 ± 0.082	<sup>1,6,7</sup> 0.903 ± 0.077	<sup>1,6,7</sup> 0.903 ± 0.078	<sup>7</sup> 0.837 ± 0.087	<sup>1,2,6</sup> 0.810 ± 0.100
<i>glass-0-1-6-vs-2</i>	<sup>1</sup> 0.565 ± 0.111	<sup>1</sup> 0.571 ± 0.115	<sup>1,2,6,7</sup> 0.598 ± 0.147	<sup>1,2,3,6,7</sup> 0.710 ± 0.125	<sup>1,2,3,6,7</sup> 0.717 ± 0.116	<sup>1,7</sup> 0.603 ± 0.093	<sup>1,2,6</sup> 0.607 ± 0.080
<i>ecoli-0-1-vs-5</i>	<sup>1,2</sup> 0.800 ± 0.143	<sup>1,2</sup> 0.859 ± 0.133	<sup>1,2</sup> 0.895 ± 0.090	<sup>1,2,3,6,7</sup> 0.900 ± 0.075	<sup>1,2,3,6,7</sup> 0.898 ± 0.079	<sup>1</sup> 0.905 ± 0.076	<sup>1,2,6</sup> 0.896 ± 0.075
<i>yeast-1-4-5-8-vs-7</i>	<sup>1,4,7</sup> 0.544 ± 0.012	<sup>1</sup> 0.546 ± 0.014	<sup>1,2</sup> 0.572 ± 0.055	<sup>1,2,7</sup> 0.629 ± 0.097	<sup>1,7</sup> 0.629 ± 0.098	<sup>1,4,7</sup> 0.577 ± 0.057	<sup>1,3</sup> 0.586 ± 0.061
<i>ecoli4</i>	<sup>1,2</sup> 0.886 ± 0.083	<sup>1</sup> 0.896 ± 0.064	<sup>1,2</sup> 0.931 ± 0.072	<sup>1,2,3,6,7</sup> 0.932 ± 0.082	<sup>1,2,3,6,7</sup> 0.933 ± 0.082	<sup>1,2</sup> 0.869 ± 0.087	<sup>1,2</sup> 0.847 ± 0.096
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>7</sup> 0.853 ± 0.073	<sup>1,7</sup> 0.868 ± 0.062	<sup>1,2,6,7</sup> 0.878 ± 0.067	<sup>1,2,3,6,7</sup> 0.653 ± 0.089	<sup>all</sup> 0.654 ± 0.091	<sup>7</sup> 0.870 ± 0.062	<sup>1,2,6</sup> 0.855 ± 0.069
<i>glass5</i>	<sup>4,5</sup> 0.948 ± 0.103	<sup>4,5</sup> 0.885 ± 0.156	<sup>1,2,4,5,7</sup> 0.886 ± 0.156	<sup>1,2,3,6,7</sup> 0.903 ± 0.155	<sup>1,2,3,6,7</sup> 0.903 ± 0.155	<sup>4,5,7</sup> 0.901 ± 0.155	<sup>4,5</sup> 0.901 ± 0.155
<i>ecoli-0-3-4-6-vs-5</i>	<sup>2,3</sup> 0.755 ± 0.102	<sup>2,3</sup> 0.809 ± 0.106	<sup>2,3</sup> 0.894 ± 0.106	<sup>2,3</sup> 0.897 ± 0.088	<sup>2,3</sup> 0.899 ± 0.089	<sup>2,3</sup> 0.814 ± 0.117	<sup>2,3</sup> 0.788 ± 0.112
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,7</sup> 0.501 ± 0.026	<sup>1</sup> 0.500 ± 0.022	<sup>1,2,6,7</sup> 0.675 ± 0.148	<sup>1,2,6,7</sup> 0.791 ± 0.044	<sup>1,2,6,7</sup> 0.801 ± 0.053	<sup>1,7</sup> 0.603 ± 0.120	<sup>1</sup> 0.597 ± 0.112
<i>yeast6</i>	<sup>2</sup> 0.636 ± 0.023	<sup>1,2,6,7</sup> 0.645 ± 0.029	<sup>1,2,6,7</sup> 0.763 ± 0.044	<sup>1,2,3,6,7</sup> 0.887 ± 0.056	<sup>1,2,3,6,7</sup> 0.886 ± 0.056	<sup>1,2</sup> 0.723 ± 0.070	<sup>1,2</sup> 0.745 ± 0.086
<i>ecoli-0-6-7-vs-5</i>	<sup>1,2</sup> 0.813 ± 0.124	<sup>1</sup> 0.835 ± 0.107	<sup>1,2,6,7</sup> 0.877 ± 0.103	<sup>all</sup> 0.870 ± 0.100	<sup>1,2,3,6,7</sup> 0.873 ± 0.096	<sup>1,2</sup> 0.827 ± 0.093	<sup>1,2</sup> 0.813 ± 0.098
<i>glass-0-1-6-vs-5</i>	<sup>1,2,6,7</sup> 0.956 ± 0.109	<sup>1,2,6,7</sup> 0.889 ± 0.150	<sup>1,2,6,7</sup> 0.889 ± 0.150	<sup>1,2,6,7</sup> 0.886 ± 0.150	<sup>1,2,6,7</sup> 0.886 ± 0.150	<sup>7</sup> 0.886 ± 0.151	<sup>1,2,6</sup> 0.885 ± 0.151
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1,6,7</sup> 0.831 ± 0.193	<sup>1,6,7</sup> 0.844 ± 0.200	<sup>1,6,7</sup> 0.845 ± 0.200	<sup>1,6,7</sup> 0.844 ± 0.203	<sup>1,6,7</sup> 0.841 ± 0.204	<sup>7</sup> 0.835 ± 0.199	<sup>1,6,7</sup> 0.829 ± 0.199
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>1,4,6</sup> 0.675 ± 0.048	<sup>1,4,6</sup> 0.772 ± 0.053	<sup>1,2,4,6</sup> 0.776 ± 0.047	<sup>1,4,6</sup> 0.715 ± 0.055	<sup>1,4,6</sup> 0.763 ± 0.057	<sup>1,4</sup> 0.752 ± 0.069	<sup>all</sup> 0.787 ± 0.073
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1,2,6</sup> 0.742 ± 0.131	<sup>1,2,6</sup> 0.816 ± 0.138	<sup>1,2,6</sup> 0.867 ± 0.114	<sup>1,2,6</sup> 0.854 ± 0.106	<sup>1,2,6</sup> 0.872 ± 0.104	<sup>1</sup> 0.823 ± 0.081	<sup>1,2,6</sup> 0.868 ± 0.081
<i>yeast5</i>	<sup>1,2,6</sup> 0.825 ± 0.024	<sup>1,2,6</sup> 0.800 ± 0.031	<sup>1,2,6</sup> 0.845 ± 0.027	<sup>1,2,6</sup> 0.973 ± 0.023	<sup>1,2,6</sup> 0.973 ± 0.023	<sup>1</sup> 0.936 ± 0.072	<sup>1,2,6</sup> 0.935 ± 0.084
<i>shuttle-c2-vs-c4</i>	<sup>1,2,3</sup> 0.988 ± 0.022	<sup>1,2,3</sup> 0.991 ± 0.037	<sup>1,2,3</sup> 0.988 ± 0.049	<sup>1,2,3,6,7</sup> 0.845 ± 0.222	<sup>1,2,3,6,7</sup> 0.845 ± 0.222	<sup>1,2,3</sup> 0.838 ± 0.223	<sup>1,2,3</sup> 0.841 ± 0.223
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>4,5,6,7</sup> 0.651 ± 0.090	<sup>4,5,6,7</sup> 0.663 ± 0.119	<sup>4,5,6,7</sup> 0.776 ± 0.140	<sup>6,7</sup> 0.807 ± 0.113	<sup>6,7</sup> 0.852 ± 0.102	<sup>1,2</sup> 0.790 ± 0.112	<sup>1,2,3,4,6</sup> 0.837 ± 0.094
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2</sup> 0.550 ± 0.018	<sup>1,2</sup> 0.547 ± 0.032	<sup>1,2</sup> 0.673 ± 0.087	<sup>1,2,6,7</sup> 0.670 ± 0.079	<sup>1,2,6,7</sup> 0.691 ± 0.074	<sup>1,2</sup> 0.571 ± 0.045	<sup>1,2</sup> 0.587 ± 0.074
<i>yeast-1-vs-7</i>	<sup>1,2,6,7</sup> 0.594 ± 0.037	<sup>1,2,6,7</sup> 0.593 ± 0.039	<sup>1,2,6,7</sup> 0.683 ± 0.101	<sup>1,2,6,7</sup> 0.671 ± 0.102	<sup>1,2,6,7</sup> 0.671 ± 0.102	<sup>1,2</sup> 0.585 ± 0.047	<sup>1,2</sup> 0.588 ± 0.047
<i>yeast-1-2-8-9-vs-7</i>	<sup>1,2,6,7</sup> 0.540 ± 0.011	<sup>1,2,6,7</sup> 0.543 ± 0.013	<sup>1,2,6,7</sup> 0.585 ± 0.053	<sup>1,2,6,7</sup> 0.685 ± 0.087	<sup>1,2,6,7</sup> 0.687 ± 0.089	<sup>1,2,6,7</sup> 0.599 ± 0.068	<sup>1,2,6,7</sup> 0.609 ± 0.068
<i>ecoli-0-1-4-6-vs-5</i>	<sup>1,2</sup> 0.847 ± 0.098	<sup>1,2</sup> 0.883 ± 0.092	<sup>1,2</sup> 0.897 ± 0.088	<sup>1,2,3,6,7</sup> 0.902 ± 0.076	<sup>1,2,3,6,7</sup> 0.901 ± 0.076	<sup>1,2</sup> 0.871 ± 0.080	<sup>1,2</sup> 0.853 ± 0.092
<i>glass-0-1-5-vs-2</i>	<sup>1,7</sup> 0.555 ± 0.134	<sup>1,7</sup> 0.524 ± 0.112	<sup>1,2,6,7</sup> 0.607 ± 0.150	<sup>1,2,6,7</sup> 0.702 ± 0.116	<sup>1,2,6,7</sup> 0.703 ± 0.112	<sup>7</sup> 0.562 ± 0.067	<sup>1,2,6</sup> 0.559 ± 0.065
<i>yeast-2-vs-4</i>	<sup>2</sup> 0.608 ± 0.128	<sup>2</sup> 0.583 ± 0.120	<sup>1,2,6,7</sup> 0.835 ± 0.116	<sup>1,2,6,7</sup> 0.863 ± 0.067	<sup>1,2,6,7</sup> 0.866 ± 0.063	<sup>2,7</sup> 0.691 ± 0.158	<sup>2</sup> 0.697 ± 0.155
<i>glass-0-6-vs-5</i>	<sup>2</sup> 0.945 ± 0.140	<sup>2</sup> 0.910 ± 0.154	<sup>1,2,6,7</sup> 0.910 ± 0.154	<sup>1,2,6,7</sup> 0.860 ± 0.174	<sup>1,2,6,7</sup> 0.860 ± 0.174	<sup>1,2</sup> 0.869 ± 0.174	<sup>1,2</sup> 0.869 ± 0.174
<i>glass2</i>	<sup>4,5,6,7</sup> 0.607 ± 0.098	<sup>4,5,6,7</sup> 0.623 ± 0.093	<sup>4,5,6,7</sup> 0.635 ± 0.135	<sup>1,2,3,6,7</sup> 0.738 ± 0.108	<sup>1,2,3,6,7</sup> 0.739 ± 0.109	<sup>1,2,3,6,7</sup> 0.656 ± 0.075	<sup>1,2,3,6,7</sup> 0.653 ± 0.075
<i>yeast-2-vs-8</i>	<sup>1,7</sup> 0.637 ± 0.090	<sup>1,7</sup> 0.658 ± 0.088	<sup>1</sup> 0.779 ± 0.105	<sup>1,2,3,6,7</sup> 0.776 ± 0.111	<sup>1,2,3,6,7</sup> 0.775 ± 0.111	<sup>1,7</sup> 0.640 ± 0.122	<sup>1</sup> 0.620 ± 0.092
<i>vowel0</i>	<sup>1,2,6,7</sup> 0.915 ± 0.037	<sup>1,2,6,7</sup> 0.904 ± 0.026	<sup>1,2,6,7</sup> 0.921 ± 0.025	<sup>1,2,6,7</sup> 0.883 ± 0.060	<sup>1,2,6,7</sup> 0.921 ± 0.050	<sup>1,2,6,7</sup> 0.918 ± 0.028	<sup>1,2,6,7</sup> 0.911 ± 0.026
<i>glass-0-4-vs-5</i>	<sup>2,4</sup> 0.975 ± 0.083	<sup>4</sup> 0.920 ± 0.123	<sup>2,4,7</sup> 0.925 ± 0.121	<sup>1,2,4,7</sup> 0.935 ± 0.120	<sup>1,2,4,7</sup> 0.940 ± 0.117	<sup>2,4,7</sup> 0.939 ± 0.118	<sup>4</sup> 0.944 ± 0.116
<i>glass-0-1-4-6-vs-2</i>	<sup>2,3</sup> 0.579 ± 0.128	<sup>2,3</sup> 0.585 ± 0.132	<sup>2,3</sup> 0.620 ± 0.150	<sup>2</sup> 0.724 ± 0.105	<sup>2,3</sup> 0.730 ± 0.106	<sup>2</sup> 0.635 ± 0.075	<sup>2,3</sup> 0.637 ± 0.074
<i>yeast4</i>	<sup>1,2</sup> 0.551 ± 0.039	<sup>1,2</sup> 0.526 ± 0.025	<sup>1,2</sup> 0.577 ± 0.046	<sup>1,2,3,6,7</sup> 0.809 ± 0.066	<sup>1,2,3,6,7</sup> 0.812 ± 0.064	<sup>1</sup> 0.589 ± 0.118	<sup>1</sup> 0.608 ± 0.134
<i>ecoli-0-4-6-vs-5</i>	<sup>1,2</sup> 0.851 ± 0.114	<sup>1,2</sup> 0.882 ± 0.103	<sup>1,2</sup> 0.899 ± 0.095	<sup>1,2,3,6,7</sup> 0.901 ± 0.082	<sup>1,2,3,6,7</sup> 0.900 ± 0.082	<sup>1,2,3,6,7</sup> 0.870 ± 0.093	<sup>6</sup> 0.872 ± 0.092
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,6,7</sup> 0.765 ± 0.095	<sup>1,2,6,7</sup> 0.772 ± 0.100	<sup>1,2,6,7</sup> 0.820 ± 0.128	<sup>1,2,6,7</sup> 0.750 ± 0.094	<sup>1,2,6,7</sup> 0.790 ± 0.105	<sup>1,2,6,7</sup> 0.762 ± 0.096	<sup>1,2,6,7</sup> 0.766 ± 0.091
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>6</sup> 0.576 ± 0.028	<sup>6</sup> 0.547 ± 0.054	<sup>1,2,4,6,7</sup> 0.747 ± 0.135	<sup>1,2,4,6,7</sup> 0.894 ± 0.033	<sup>1,2,4,6,7</sup> 0.892 ± 0.034	<sup>1,2,4,6,7</sup> 0.646 ± 0.087	<sup>1,2,4,6,7</sup> 0.764 ± 0.156
<i>ecoli-0-1-vs-2-3-5</i>	<sup>2</sup> 0.607 ± 0.157	<sup>2</sup> 0.628 ± 0.168	<sup>1,2,6</sup> 0.823 ± 0.142	<sup>1,2,3,6,7</sup> 0.826 ± 0.116	<sup>1,2,3,6,7</sup> 0.836 ± 0.116	<sup>1,2</sup> 0.837 ± 0.092	<sup>1,2,6</sup> 0.849 ± 0.093
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2</sup> 0.587 ± 0.158	<sup>1,2</sup> 0.631 ± 0.173	<sup>1,2</sup> 0.694 ± 0.147	<sup>1,2</sup> 0.795 ± 0.090	<sup>1,2</sup> 0.823 ± 0.105	<sup>1,2</sup> 0.791 ± 0.107	<sup>1,2</sup> 0.792 ± 0.110
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1,2,3</sup> 0.778 ± 0.080	<sup>1,2,3</sup> 0.834 ± 0.089	<sup>1,2,3</sup> 0.894 ± 0.081	<sup>1,2,3</sup> 0.874 ± 0.078	<sup>1,2,3,6,7</sup> 0.886 ± 0.079	<sup>1,2,3</sup> 0.833 ± 0.082	<sup>1,2,3</sup> 0.802 ± 0.091
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1,7</sup> 0.586 ± 0.145	<sup>1,7</sup> 0.635 ± 0.157	<sup>1,2,6,7</sup> 0.687 ± 0.143	<sup>1,2,6,7</sup> 0.808 ± 0.100	<sup>1,2,6,7</sup> 0.817 ± 0.103	<sup>1,7</sup> 0.773 ± 0.100	<sup>1,7</sup> 0.776 ± 0.113
<i>shuttle-c0-vs-c4</i>	<sup>1,2,3</sup> 0.990 ± 0.012	<sup>1,2,3</sup> 0.989 ± 0.014	<sup>1,2,3</sup> 0.989 ± 0.014	<sup>1,2,3,6,7</sup> 0.993 ± 0.009	<sup>1,2,3,6,7</sup> 0.993 ± 0.009	<sup>1,2,3</sup> 0.993 ± 0.009	<sup>1,2,3</sup> 0.993 ± 0.009
<i>ecoli-0-3-4-vs-5</i>	<sup>1,2,3</sup> 0.788 ± 0.105	<sup>1,2,3</sup> 0.826 ± 0.111	<sup>1,2,3</sup> 0.893 ± 0.110	<sup>1,2,3</sup> 0.909 ± 0.104	<sup>1,2,3</sup> 0.908 ± 0.104	<sup>1,2,3</sup> 0.811 ± 0.123	<sup>1,2,3</sup> 0.785 ± 0.116
	<sup>1,7</sup> —	<sup>1,7</sup> —	<sup>1,2,6,7</sup> —	<sup>1,2,3,6,7</sup> —	<sup>1,2,3,6,7</sup> —	<sup>7</sup> —	<sup>7</sup> —

Table 9: Results for AUC metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.366	2.866	4.646	5.195	5.805	3.549	3.573
	—	1	1,2,6,7	1,2,6,7	<i>all</i>	1	1

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	0.749 ± 0.215	0.741 ± 0.214	0.706 ± 0.294	0.712 ± 0.269	0.536 ± 0.148	0.476 ± 0.151
<i>ecoli-0-2-3-4-vs-5</i>	<sup>1,3,6,7</sup> 0.768 ± 0.100	<sup>1,3,6,7</sup> 0.800 ± 0.109	<sup>1,6,7</sup> 0.886 ± 0.087	<sup>1,6,7</sup> 0.896 ± 0.086	<sup>1,6,7</sup> 0.896 ± 0.086	<sup>1,7</sup> 0.825 ± 0.096	<sup>1</sup> 0.795 ± 0.113
<i>glass-0-1-6-vs-2</i>	<sup>1</sup> 0.524 ± 0.114	<sup>1</sup> 0.511 ± 0.129	<sup>1,2,6,7</sup> 0.563 ± 0.198	<sup>1,2,3,6,7</sup> 0.693 ± 0.153	<sup>1,2,3,6,7</sup> 0.705 ± 0.122	<sup>1,7</sup> 0.515 ± 0.083	<sup>1</sup> 0.513 ± 0.077
<i>ecoli-0-1-vs-5</i>	<sup>1,2,6,7</sup> 0.725 ± 0.286	<sup>1,2,6,7</sup> 0.824 ± 0.215	<sup>1,2,6,7</sup> 0.883 ± 0.108	<sup>1,2,3,6,7</sup> 0.891 ± 0.086	<sup>1,2,3,6,7</sup> 0.888 ± 0.090	<sup>7</sup> 0.898 ± 0.084	<sup>1,2,3,6,7</sup> 0.889 ± 0.083
<i>yeast-1-4-5-8-vs-7</i>	<sup>1,2</sup> 0.293 ± 0.044	<sup>1,2</sup> 0.303 ± 0.049	<sup>1,2</sup> 0.450 ± 0.069	<sup>1,2,7</sup> 0.602 ± 0.141	<sup>1</sup> 0.601 ± 0.142	<sup>1,4,7</sup> 0.424 ± 0.125	<sup>1,3,5</sup> 0.449 ± 0.138
<i>ecoli4</i>	<sup>1,2,6</sup> 0.883 ± 0.085	<sup>1,2,6</sup> 0.893 ± 0.064	<sup>1,2,6</sup> 0.929 ± 0.074	<sup>1,2,3,6,7</sup> 0.926 ± 0.092	<sup>1,2,3,6,7</sup> 0.928 ± 0.091	<sup>1,2</sup> 0.854 ± 0.103	<sup>1,2</sup> 0.827 ± 0.116
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>7</sup> 0.849 ± 0.077	<sup>6,7</sup> 0.866 ± 0.064	<i>all</i> 0.874 ± 0.071	<sup>1,2,6,7</sup> 0.546 ± 0.177	<sup>1,2,4,6,7</sup> 0.548 ± 0.178	<sup>7</sup> 0.863 ± 0.073	<sup>1</sup> 0.846 ± 0.085
<i>glass5</i>	<sup>4,5</sup> 0.933 ± 0.163	<sup>4,5</sup> 0.835 ± 0.275	<sup>1,2,4,5,7</sup> 0.835 ± 0.275	<sup>1,2,4,5,7</sup> 0.853 ± 0.278	<sup>1,2,4,5,7</sup> 0.853 ± 0.278	<sup>4,5,7</sup> 0.852 ± 0.277	<sup>4,5</sup> 0.852 ± 0.277
<i>ecoli-0-3-4-6-vs-5</i>	<sup>2,3</sup> 0.735 ± 0.109	<sup>2,3</sup> 0.799 ± 0.109	<sup>2,3</sup> 0.889 ± 0.112	<sup>2,3</sup> 0.890 ± 0.098	<sup>2,3</sup> 0.891 ± 0.099	<sup>2,3</sup> 0.800 ± 0.128	<sup>2,3</sup> 0.766 ± 0.130
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,2,6,7</sup> 0.164 ± 0.068	<sup>1,2,6,7</sup> 0.137 ± 0.066	<sup>1,2,6,7</sup> 0.555 ± 0.274	<sup>1,2,6,7</sup> 0.785 ± 0.047	<sup>1,2,3,6,7</sup> 0.798 ± 0.054	<sup>1,7</sup> 0.406 ± 0.254	<sup>1</sup> 0.387 ± 0.250
<i>yeast6</i>	<sup>2</sup> 0.529 ± 0.045	<sup>2</sup> 0.540 ± 0.058	<sup>1,2,6,7</sup> 0.735 ± 0.061	<sup>1,2,3,6,7</sup> 0.883 ± 0.062	<sup>1,2,3,6,7</sup> 0.882 ± 0.062	<sup>1,2,7</sup> 0.663 ± 0.099	<sup>1,2</sup> 0.694 ± 0.115
<i>ecoli-0-6-7-vs-5</i>	<sup>1,2,6,7</sup> 0.796 ± 0.145	<sup>1,2,6,7</sup> 0.828 ± 0.111	<sup>1,2,6,7</sup> 0.871 ± 0.111	<i>all</i> 0.856 ± 0.121	<sup>1,2,3,6,7</sup> 0.860 ± 0.113	<sup>1,2</sup> 0.814 ± 0.105	<sup>1,2</sup> 0.799 ± 0.110
<i>glass-0-1-6-vs-5</i>	<sup>7</sup> 0.933 ± 0.202	<sup>7</sup> 0.847 ± 0.251	<sup>1,2,6,7</sup> 0.847 ± 0.251	<sup>1,2,6,7</sup> 0.843 ± 0.251	<sup>1,2,6,7</sup> 0.843 ± 0.251	<sup>7</sup> 0.842 ± 0.251	<sup>7</sup> 0.842 ± 0.251
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1,6,7</sup> 0.725 ± 0.377	<sup>1,6,7</sup> 0.737 ± 0.385	<sup>1,6,7</sup> 0.738 ± 0.385	<sup>1,6,7</sup> 0.738 ± 0.386	<sup>1,6,7</sup> 0.737 ± 0.385	<sup>1,7</sup> 0.730 ± 0.381	<sup>1,7</sup> 0.725 ± 0.378
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>1,4,6</sup> 0.598 ± 0.077	<sup>1,4,6</sup> 0.745 ± 0.071	<sup>1,2,4,5,6</sup> 0.751 ± 0.060	<sup>1,2,4,5,6</sup> 0.658 ± 0.081	<sup>1,4,6</sup> 0.729 ± 0.077	<sup>1,4</sup> 0.714 ± 0.106	<sup>all</sup> 0.763 ± 0.124
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1,2,6</sup> 0.669 ± 0.203	<sup>1,2,6</sup> 0.767 ± 0.227	<sup>1,2,6</sup> 0.846 ± 0.153	<sup>1,2,6</sup> 0.826 ± 0.167	<sup>1,2,6</sup> 0.848 ± 0.166	<sup>1,2,6</sup> 0.807 ± 0.097	<sup>1,2,6</sup> 0.862 ± 0.089
<i>yeast5</i>	<sup>2</sup> 0.807 ± 0.028	<sup>2</sup> 0.774 ± 0.040	<sup>1,2,6</sup> 0.831 ± 0.032	<sup>1,2,6</sup> 0.972 ± 0.023	<sup>1,2,6</sup> 0.972 ± 0.023	<sup>1</sup> 0.931 ± 0.080	<sup>1,2,6</sup> 0.929 ± 0.097
<i>shuttle-c2-vs-c4</i>	<sup>1,2,3,6,7</sup> 0.988 ± 0.023	<sup>1,2,3,6,7</sup> 0.990 ± 0.043	<sup>1,2,3,6,7</sup> 0.986 ± 0.057	<sup>1,2,3,6,7</sup> 0.702 ± 0.443	<sup>1,2,3,6,7</sup> 0.702 ± 0.443	<sup>1,2,3</sup> 0.698 ± 0.440	<sup>1,2,3</sup> 0.700 ± 0.441
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>4,5,6,7</sup> 0.517 ± 0.198	<sup>4,5,6,7</sup> 0.530 ± 0.224	<sup>4,5,6,7</sup> 0.714 ± 0.212	<sup>6</sup> 0.771 ± 0.150	<sup>6</sup> 0.830 ± 0.133	<sup>1,2</sup> 0.745 ± 0.176	<sup>1,2,3,4,6</sup> 0.822 ± 0.120
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2,6,7</sup> 0.324 ± 0.051	<sup>1,2,6,7</sup> 0.313 ± 0.092	<sup>1,2,6,7</sup> 0.632 ± 0.135	<sup>1,2,6,7</sup> 0.591 ± 0.150	<sup>1,2,6,7</sup> 0.636 ± 0.135	<sup>1,2</sup> 0.425 ± 0.084	<sup>1,2,3,4,6</sup> 0.446 ± 0.133
<i>yeast-1-vs-7</i>	<sup>2</sup> 0.452 ± 0.051	<sup>2</sup> 0.459 ± 0.058	<sup>1,2,6,7</sup> 0.652 ± 0.133	<sup>1,2,6,7</sup> 0.652 ± 0.117	<sup>1,2,6,7</sup> 0.652 ± 0.120	<sup>1,2</sup> 0.455 ± 0.071	<sup>1,2</sup> 0.452 ± 0.080
<i>yeast-1-2-8-9-vs-7</i>	<sup>1,2,6,7</sup> 0.281 ± 0.039	<sup>1,2,6,7</sup> 0.289 ± 0.045	<sup>1,2,6,7</sup> 0.460 ± 0.065	<sup>1,2,6,7</sup> 0.655 ± 0.117	<sup>1,2,6,7</sup> 0.657 ± 0.119	<sup>1,2,6,7</sup> 0.459 ± 0.134	<sup>1,2,6,7</sup> 0.482 ± 0.129
<i>ecoli-0-1-4-6-vs-5</i>	<sup>1,2,3,6,7</sup> 0.835 ± 0.108	<sup>1,2,3,6,7</sup> 0.877 ± 0.098	<sup>1,2,3,6,7</sup> 0.889 ± 0.098	<sup>1,2,3,6,7</sup> 0.893 ± 0.087	<sup>1,2,3,6,7</sup> 0.893 ± 0.087	<sup>1,2</sup> 0.864 ± 0.086	<sup>1,2</sup> 0.846 ± 0.096
<i>glass-0-1-5-vs-2</i>	<sup>1,7</sup> 0.518 ± 0.148	<sup>1,7</sup> 0.457 ± 0.117	<sup>1,2,6,7</sup> 0.573 ± 0.193	<sup>1,2,6,7</sup> 0.681 ± 0.147	<sup>1,2,6,7</sup> 0.683 ± 0.143	<sup>7</sup> 0.429 ± 0.060	<sup>7</sup> 0.417 ± 0.063
<i>yeast-2-vs-4</i>	<sup>2,6,7</sup> 0.445 ± 0.216	<sup>6,7</sup> 0.386 ± 0.223	<sup>1,2,6,7</sup> 0.816 ± 0.162	<sup>1,2,3,6,7</sup> 0.852 ± 0.077	<sup>1,2,3,6,7</sup> 0.857 ± 0.072	<sup>7</sup> 0.600 ± 0.243	<sup>7</sup> 0.599 ± 0.252
<i>glass-0-6-vs-5</i>	<sup>2</sup> 0.903 ± 0.272	<sup>2</sup> 0.863 ± 0.277	<sup>1,2,6,7</sup> 0.863 ± 0.277	<sup>1,2,6,7</sup> 0.786 ± 0.319	<sup>1,2,6,7</sup> 0.786 ± 0.319	<sup>1,2</sup> 0.797 ± 0.320	<sup>1,2</sup> 0.797 ± 0.320
<i>glass2</i>	<sup>4,5,6,7</sup> 0.570 ± 0.109	<sup>4,5,6,7</sup> 0.580 ± 0.079	<sup>4,5,6,7</sup> 0.612 ± 0.146	<sup>4,5,6,7</sup> 0.729 ± 0.113	<sup>4,5,6,7</sup> 0.731 ± 0.113	<sup>4,5,6,7</sup> 0.589 ± 0.077	<sup>4,5,6,7</sup> 0.581 ± 0.081
<i>yeast-2-vs-8</i>	<sup>1,2,6,7</sup> 0.518 ± 0.136	<sup>1,2,6,7</sup> 0.574 ± 0.116	<sup>1,2,6,7</sup> 0.742 ± 0.141	<sup>1,2,3,6,7</sup> 0.728 ± 0.153	<sup>1,2,3,6,7</sup> 0.728 ± 0.154	<sup>7</sup> 0.554 ± 0.160	<sup>7</sup> 0.539 ± 0.134
<i>vowel0</i>	<sup>1,2,6,7</sup> 0.913 ± 0.040	<sup>1,7</sup> 0.904 ± 0.025	<sup>1,2,6,7</sup> 0.921 ± 0.025	<sup>1,2,6,7</sup> 0.874 ± 0.069	<sup>1,2,6,7</sup> 0.918 ± 0.054	<sup>1,2,6,7</sup> 0.917 ± 0.029	<sup>1,2,6,7</sup> 0.910 ± 0.026
<i>glass-0-4-vs-5</i>	<sup>2,4</sup> 0.963 ± 0.149	<sup>4</sup> 0.899 ± 0.180	<sup>2,4,7</sup> 0.904 ± 0.178	<sup>2,4,7</sup> 0.916 ± 0.178	<sup>2,4,7</sup> 0.921 ± 0.176	<sup>2,4,7</sup> 0.921 ± 0.176	<sup>4</sup> 0.927 ± 0.174
<i>glass-0-1-4-6-vs-2</i>	<sup>2,3</sup> 0.528 ± 0.145	<sup>2,3</sup> 0.527 ± 0.146	<sup>2,3</sup> 0.587 ± 0.177	<sup>2</sup> 0.716 ± 0.110	<sup>2,3</sup> 0.721 ± 0.110	<sup>2</sup> 0.561 ± 0.084	<sup>2,3</sup> 0.559 ± 0.088
<i>yeast4</i>	<sup>1,2,6,7</sup> 0.361 ± 0.067	<sup>1,2,6,7</sup> 0.273 ± 0.046	<sup>1,2,6,7</sup> 0.434 ± 0.069	<sup>1,2,3,6,7</sup> 0.799 ± 0.079	<sup>1,2,3,6,7</sup> 0.803 ± 0.076	<sup>1,2,3,6,7</sup> 0.357 ± 0.252	<sup>1,2,3,6,7</sup> 0.381 ± 0.286
<i>ecoli-0-4-6-vs-5</i>	<sup>2</sup> 0.842 ± 0.122	<sup>2</sup> 0.878 ± 0.107	<sup>1,2</sup> 0.894 ± 0.102	<sup>1,2,3,6,7</sup> 0.895 ± 0.090	<sup>1,2,3,6,7</sup> 0.894 ± 0.090	<sup>1,2,3,6,7</sup> 0.865 ± 0.097	<sup>6</sup> 0.867 ± 0.095
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,6,7</sup> 0.730 ± 0.130	<sup>1,2,6,7</sup> 0.739 ± 0.136	<sup>1,2,6,7</sup> 0.793 ± 0.165	<sup>1,2,6,7</sup> 0.704 ± 0.133	<sup>1,2,6,7</sup> 0.756 ± 0.142	<sup>1,2,6,7</sup> 0.721 ± 0.135	<sup>1,2,6,7</sup> 0.731 ± 0.127
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>6</sup> 0.398 ± 0.065	<sup>6</sup> 0.303 ± 0.110	<sup>1,2,4,6,7</sup> 0.683 ± 0.203	<sup>1,2,4,6,7</sup> 0.891 ± 0.035	<sup>1,2,4,6,7</sup> 0.890 ± 0.036	<sup>1,2,4,6,7</sup> 0.540 ± 0.136	<sup>1,2,4,6,7</sup> 0.698 ± 0.242
<i>ecoli-0-1-vs-2-3-5</i>	<sup>2</sup> 0.305 ± 0.352	<sup>2</sup> 0.351 ± 0.371	<sup>1,2,6</sup> 0.768 ± 0.246	<sup>1,2,3,6,7</sup> 0.782 ± 0.202	<sup>1,2,3,6,7</sup> 0.796 ± 0.202	<sup>1,2</sup> 0.820 ± 0.110	<sup>1,2,6</sup> 0.837 ± 0.107
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2</sup> 0.258 ± 0.355	<sup>1,2</sup> 0.374 ± 0.370	<sup>1,2</sup> 0.560 ± 0.294	<sup>1,2</sup> 0.765 ± 0.121	<sup>1,2</sup> 0.800 ± 0.128	<sup>1,2</sup> 0.774 ± 0.122	<sup>1,2</sup> 0.783 ± 0.116
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1,2,3,6</sup> 0.756 ± 0.105	<sup>1,2,3,6</sup> 0.821 ± 0.105	<sup>1,2,3,6</sup> 0.887 ± 0.090	<sup>1,2,3,6</sup> 0.865 ± 0.087	<sup>1,2,3,6</sup> 0.878 ± 0.087	<sup>1,2,3</sup> 0.821 ± 0.091	<sup>1,2,3</sup> 0.783 ± 0.110
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1,7</sup> 0.278 ± 0.340	<sup>1,7</sup> 0.423 ± 0.334	<sup>1,2,6,7</sup> 0.553 ± 0.289	<sup>1,2,6,7</sup> 0.782 ± 0.129	<sup>1,2,6,7</sup> 0.794 ± 0.129	<sup>1,7</sup> 0.760 ± 0.107	<sup>1,7</sup> 0.763 ± 0.125
<i>shuttle-c0-vs-c4</i>	<sup>1,2,3,6</sup> 0.990 ± 0.013	<sup>1,2,3,6</sup> 0.989 ± 0.014	<sup>1,2,3,6</sup> 0.989 ± 0.014	<sup>1,2,3,6</sup> 0.993 ± 0.009	<sup>1,2,3,6</sup> 0.993 ± 0.009	<sup>1,2,3</sup> 0.993 ± 0.009	<sup>1,2,3</sup> 0.993 ± 0.009
<i>ecoli-0-3-4-vs-5</i>	<sup>1,2,3</sup> 0.772 ± 0.112	<sup>1,2,3</sup> 0.816 ± 0.119	<sup>1,2,3</sup> 0.883 ± 0.130	<sup>1,2,3</sup> 0.898 ± 0.125	<sup>1,2,3</sup> 0.897 ± 0.125	<sup>1,2,3</sup> 0.791 ± 0.145	<sup>1,2,3</sup> 0.760 ± 0.141
	<sup>1,7</sup> —	<sup>1,7</sup> —	<sup>1,2,6,7</sup> —	<sup>1,2,3,6,7</sup> —	<sup>1,2,3,6,7</sup> —	<sup>7</sup> —	<sup>7</sup> —

Table 11: Results for GMEAN metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.390	2.939	4.915	5.098	5.780	3.451	3.427
	—	—	1,2,6,7	1,2,6,7	<i>all</i>	1	1

Table 12: Results for mean ranks according to GMEAN metric