

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.846 ± 0.136	0.857 ± 0.117	0.857 ± 0.117	0.793 ± 0.153	0.790 ± 0.147	0.790 ± 0.158	0.832 ± 0.132
<i>ecoli-0-2-3-4-vs-5</i>	<sup>4,5,6</sup> 0.850 ± 0.087	<sup>4,5,6,7</sup> 0.865 ± 0.099	<sup>4,5,6,7</sup> 0.867 ± 0.097	<sup>6</sup> 0.902 ± 0.087	<sup>—</sup> 0.908 ± 0.081	<sup>—</sup> 0.900 ± 0.087	<sup>4,6</sup> 0.907 ± 0.082
<i>glass-0-1-6-vs-2</i>	<sup>—</sup> 0.582 ± 0.128	<sup>1</sup> 0.553 ± 0.104	<sup>1</sup> 0.552 ± 0.105	<sup>1,2</sup> 0.707 ± 0.131	<sup>1,2,3</sup> 0.727 ± 0.122	<sup>1</sup> 0.672 ± 0.126	<sup>1,2</sup> 0.735 ± 0.107
<i>ecoli-0-1-vs-5</i>	<sup>—</sup> 0.814 ± 0.099	<sup>—</sup> 0.845 ± 0.105	<sup>—</sup> 0.848 ± 0.107	<sup>1,2,3,6</sup> 0.892 ± 0.080	<sup>1,2,3,6</sup> 0.902 ± 0.077	<sup>1,2,3</sup> 0.904 ± 0.079	<sup>1,2,3,6</sup> 0.910 ± 0.077
<i>yeast-1-4-5-8-vs-7</i>	<sup>—</sup> 0.546 ± 0.078	<sup>1</sup> 0.507 ± 0.025	<sup>1</sup> 0.507 ± 0.025	<sup>1,2,3</sup> 0.601 ± 0.089	<sup>1,2,3</sup> 0.617 ± 0.085	<sup>1,2,3</sup> 0.641 ± 0.094	<sup>1,2,3</sup> 0.636 ± 0.110
<i>ecoli4</i>	<sup>2,3</sup> 0.868 ± 0.091	<sup>—</sup> 0.871 ± 0.107	<sup>—</sup> 0.871 ± 0.107	<sup>1,2,3</sup> 0.920 ± 0.085	<sup>1,2,3,4</sup> 0.921 ± 0.096	<sup>1,2,3,4</sup> 0.929 ± 0.078	<sup>1,2,3,4</sup> 0.924 ± 0.093
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>—</sup> 0.881 ± 0.072	<sup>—</sup> 0.878 ± 0.073	<sup>—</sup> 0.879 ± 0.072	<sup>1,2,3</sup> 0.649 ± 0.088	<sup>1,2,3</sup> 0.648 ± 0.089	<sup>1,2,3</sup> 0.884 ± 0.098	<sup>1,2,3</sup> 0.897 ± 0.086
<i>glass5</i>	<sup>2,3,4,5</sup> 0.831 ± 0.189	<sup>4,5</sup> 0.807 ± 0.189	<sup>4,5</sup> 0.807 ± 0.189	<sup>—</sup> 0.891 ± 0.155	<sup>—</sup> 0.914 ± 0.143	<sup>3,4,5</sup> 0.877 ± 0.155	<sup>3,4,5</sup> 0.920 ± 0.128
<i>ecoli-0-3-4-6-vs-5</i>	<sup>—</sup> 0.821 ± 0.111	<sup>—</sup> 0.853 ± 0.116	<sup>—</sup> 0.855 ± 0.111	<sup>6</sup> 0.893 ± 0.105	<sup>1,2,3,4,6</sup> 0.903 ± 0.087	<sup>—</sup> 0.898 ± 0.102	<sup>2,3,5,6</sup> 0.908 ± 0.088
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>—</sup> 0.670 ± 0.077	<sup>1</sup> 0.663 ± 0.077	<sup>1</sup> 0.661 ± 0.079	<sup>1,2,3</sup> 0.792 ± 0.048	<sup>1,2,3</sup> 0.791 ± 0.051	<sup>1,2,3</sup> 0.793 ± 0.057	<sup>1,2,3</sup> 0.799 ± 0.062
<i>yeast6</i>	<sup>—</sup> 0.729 ± 0.089	<sup>—</sup> 0.717 ± 0.087	<sup>—</sup> 0.717 ± 0.087	<sup>1,2,3</sup> 0.825 ± 0.096	<sup>1,2,3</sup> 0.818 ± 0.089	<sup>1,2,3</sup> 0.834 ± 0.082	<sup>1,2,3</sup> 0.826 ± 0.087
<i>ecoli-0-6-7-vs-5</i>	<sup>—</sup> 0.842 ± 0.121	<sup>—</sup> 0.871 ± 0.117	<sup>—</sup> 0.871 ± 0.117	<sup>1,2,3</sup> 0.868 ± 0.104	<sup>1,2,3</sup> 0.868 ± 0.101	<sup>1,2,3</sup> 0.866 ± 0.106	<sup>1,2,3</sup> 0.871 ± 0.102
<i>glass-0-1-6-vs-5</i>	<sup>—</sup> 0.822 ± 0.182	<sup>1,6,7</sup> 0.837 ± 0.162	<sup>1,6,7</sup> 0.837 ± 0.162	<sup>1,6</sup> 0.858 ± 0.160	<sup>—</sup> 0.872 ± 0.160	<sup>—</sup> 0.878 ± 0.139	<sup>—</sup> 0.901 ± 0.139
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>—</sup> 0.820 ± 0.209	<sup>—</sup> 0.678 ± 0.219	<sup>—</sup> 0.703 ± 0.222	<sup>—</sup> 0.841 ± 0.200	<sup>4</sup> 0.837 ± 0.200	<sup>4,5</sup> 0.837 ± 0.197	<sup>6</sup> 0.827 ± 0.196
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>2</sup> 0.725 ± 0.050	<sup>—</sup> 0.728 ± 0.047	<sup>—</sup> 0.728 ± 0.045	<sup>2,3,5,6,7</sup> 0.766 ± 0.057	<sup>2,7</sup> 0.765 ± 0.055	<sup>2,3,7</sup> 0.769 ± 0.055	<sup>1,2</sup> 0.770 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>—</sup> 0.809 ± 0.095	<sup>—</sup> 0.815 ± 0.091	<sup>—</sup> 0.817 ± 0.090	<sup>1,2,3</sup> 0.875 ± 0.098	<sup>1,2,3</sup> 0.892 ± 0.080	<sup>1,2,3</sup> 0.884 ± 0.095	<sup>1,2,3</sup> 0.905 ± 0.077
<i>yeast5</i>	<sup>—</sup> 0.819 ± 0.085	<sup>—</sup> 0.818 ± 0.080	<sup>—</sup> 0.821 ± 0.077	<sup>1,2,3</sup> 0.926 ± 0.051	<sup>1,2,3</sup> 0.928 ± 0.060	<sup>1,2,3</sup> 0.934 ± 0.050	<sup>1,2,3</sup> 0.932 ± 0.060
<i>shuttle-c2-vs-c4</i>	<sup>—</sup> 1.000 ± 0.000	<sup>—</sup> 1.000 ± 0.000	<sup>—</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 0.995 ± 0.034	<sup>1,2,3,4</sup> 0.995 ± 0.034	<sup>1,2,3</sup> 0.995 ± 0.034	<sup>1,2,3,5</sup> 0.995 ± 0.034
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>—</sup> 0.796 ± 0.092	<sup>—</sup> 0.811 ± 0.097	<sup>—</sup> 0.813 ± 0.097	<sup>—</sup> 0.851 ± 0.091	<sup>—</sup> 0.857 ± 0.085	<sup>—</sup> 0.843 ± 0.090	<sup>—</sup> 0.849 ± 0.083
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>—</sup> 0.656 ± 0.070	<sup>—</sup> 0.595 ± 0.054	<sup>—</sup> 0.598 ± 0.053	<sup>1,2,3,6,7</sup> 0.653 ± 0.067	<sup>1,2,3,6,7</sup> 0.664 ± 0.075	<sup>1,2,3</sup> 0.668 ± 0.073	<sup>1,2,3</sup> 0.700 ± 0.074
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.669 ± 0.095	<sup>—</sup> 0.549 ± 0.052	<sup>—</sup> 0.549 ± 0.053	<sup>2,3</sup> 0.676 ± 0.114	<sup>2,3</sup> 0.657 ± 0.109	<sup>2,3</sup> 0.719 ± 0.092	<sup>all</sup> 0.702 ± 0.098
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3</sup> 0.622 ± 0.082	<sup>—</sup> 0.555 ± 0.060	<sup>—</sup> 0.555 ± 0.060	<sup>2,3,5</sup> 0.665 ± 0.078	<sup>2,3</sup> 0.653 ± 0.071	<sup>1,2,3,4,5</sup> 0.680 ± 0.089	<sup>1,2,3,5</sup> 0.702 ± 0.094
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.792 ± 0.090	<sup>—</sup> 0.837 ± 0.092	<sup>—</sup> 0.839 ± 0.092	<sup>1,2,3</sup> 0.889 ± 0.076	<sup>2,3</sup> 0.898 ± 0.084	<sup>1,2,3</sup> 0.892 ± 0.078	<sup>1,2,3,4,5</sup> 0.900 ± 0.085
<i>glass-0-1-5-vs-2</i>	<sup>—</sup> 0.592 ± 0.127	<sup>1</sup> 0.562 ± 0.111	<sup>1</sup> 0.563 ± 0.111	<sup>1,2,3</sup> 0.704 ± 0.134	<sup>1,2,3</sup> 0.725 ± 0.135	<sup>1,2,3</sup> 0.692 ± 0.109	<sup>1,2,3</sup> 0.722 ± 0.121
<i>yeast-2-vs-4</i>	<sup>—</sup> 0.844 ± 0.064	<sup>—</sup> 0.838 ± 0.060	<sup>—</sup> 0.837 ± 0.059	<sup>1,2,3</sup> 0.848 ± 0.066	<sup>1,2,3,6</sup> 0.848 ± 0.068	<sup>1,2,3</sup> 0.862 ± 0.077	<sup>1,2,3,6</sup> 0.867 ± 0.076
<i>glass-0-6-vs-5</i>	<sup>—</sup> 0.899 ± 0.171	<sup>—</sup> 0.900 ± 0.165	<sup>—</sup> 0.900 ± 0.165	<sup>—</sup> 0.795 ± 0.184	<sup>—</sup> 0.784 ± 0.192	<sup>2,3</sup> 0.786 ± 0.191	<sup>2,3</sup> 0.802 ± 0.191
<i>glass2</i>	<sup>4,5,6,7</sup> 0.561 ± 0.118	<sup>4,5,6,7</sup> 0.584 ± 0.088	<sup>4,5,6,7</sup> 0.587 ± 0.091	<sup>6</sup> 0.696 ± 0.137	<sup>—</sup> 0.738 ± 0.123	<sup>—</sup> 0.689 ± 0.119	<sup>6</sup> 0.766 ± 0.106
<i>yeast-2-vs-8</i>	<sup>—</sup> 0.704 ± 0.113	<sup>1</sup> 0.736 ± 0.122	<sup>1</sup> 0.736 ± 0.122	<sup>1,2,3</sup> 0.776 ± 0.110	<sup>1,2,3,6</sup> 0.776 ± 0.110	<sup>1,2,3</sup> 0.779 ± 0.109	<sup>1,2,3,4,6</sup> 0.776 ± 0.103
<i>vowel0</i>	<sup>—</sup> 0.963 ± 0.028	<sup>1</sup> 0.955 ± 0.029	<sup>1</sup> 0.956 ± 0.029	<sup>1,2,3</sup> 0.859 ± 0.058	<sup>1,2,3</sup> 0.852 ± 0.057	<sup>1,2,3,7</sup> 0.887 ± 0.059	<sup>1,4,5</sup> 0.875 ± 0.056
<i>glass-0-4-vs-5</i>	<sup>all</sup> 0.992 ± 0.016	<sup>4,5,6,7</sup> 0.991 ± 0.018	<sup>4,5,6,7</sup> 0.992 ± 0.016	<sup>—</sup> 0.939 ± 0.131	<sup>—</sup> 0.950 ± 0.122	<sup>4,5</sup> 0.935 ± 0.134	<sup>4,5</sup> 0.948 ± 0.126
<i>glass-0-1-4-6-vs-2</i>	<sup>—</sup> 0.573 ± 0.117	<sup>—</sup> 0.556 ± 0.101	<sup>—</sup> 0.559 ± 0.105	<sup>—</sup> 0.684 ± 0.139	<sup>6</sup> 0.700 ± 0.135	<sup>—</sup> 0.674 ± 0.142	<sup>—</sup> 0.723 ± 0.144
<i>yeast4</i>	<sup>—</sup> 0.668 ± 0.071	<sup>—</sup> 0.596 ± 0.059	<sup>—</sup> 0.594 ± 0.054	<sup>1,2,3</sup> 0.761 ± 0.072	<sup>1,2,3</sup> 0.754 ± 0.073	<sup>1,2,3</sup> 0.801 ± 0.068	<sup>1,2,3,6</sup> 0.806 ± 0.063
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.814 ± 0.102	<sup>—</sup> 0.850 ± 0.095	<sup>—</sup> 0.850 ± 0.095	<sup>1,2,3</sup> 0.890 ± 0.088	<sup>1,2,3</sup> 0.911 ± 0.083	<sup>1,2,3,4,5</sup> 0.894 ± 0.087	<sup>1,2,3,4,5</sup> 0.913 ± 0.083
<i>page-blocks-1-3-vs-4</i>	<sup>—</sup> 0.956 ± 0.064	<sup>1</sup> 0.979 ± 0.052	<sup>1</sup> 0.979 ± 0.052	<sup>1,2,3</sup> 0.758 ± 0.109	<sup>1,2,3</sup> 0.846 ± 0.110	<sup>1,2,3</sup> 0.834 ± 0.113	<sup>1,2,3</sup> 0.887 ± 0.098
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,5,6,7</sup> 0.844 ± 0.051	<sup>1,4,5,6,7</sup> 0.872 ± 0.046	<sup>1,4,5,6,7</sup> 0.873 ± 0.046	<sup>—</sup> 0.899 ± 0.037	<sup>4</sup> 0.901 ± 0.037	<sup>4</sup> 0.894 ± 0.038	<sup>4,5,6</sup> 0.900 ± 0.039
<i>ecoli-0-1-vs-2-3-5</i>	<sup>—</sup> 0.786 ± 0.114	<sup>1</sup> 0.810 ± 0.098	<sup>1</sup> 0.813 ± 0.099	<sup>1,2,3,6</sup> 0.855 ± 0.091	<sup>1,2,3,6</sup> 0.857 ± 0.091	<sup>1,2,3</sup> 0.850 ± 0.096	<sup>1,2,3</sup> 0.856 ± 0.092
<i>ecoli-0-6-7-vs-3-5</i>	<sup>—</sup> 0.821 ± 0.123	<sup>—</sup> 0.830 ± 0.110	<sup>—</sup> 0.830 ± 0.110	<sup>1,2,3,6</sup> 0.829 ± 0.107	<sup>1,2,3,6,7</sup> 0.830 ± 0.105	<sup>1,2,3</sup> 0.838 ± 0.101	<sup>1,2,3,4</sup> 0.836 ± 0.103
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>—</sup> 0.843 ± 0.085	<sup>—</sup> 0.853 ± 0.089	<sup>—</sup> 0.857 ± 0.086	<sup>—</sup> 0.881 ± 0.081	<sup>—</sup> 0.879 ± 0.078	<sup>—</sup> 0.898 ± 0.084	<sup>—</sup> 0.895 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>—</sup> 0.813 ± 0.129	<sup>—</sup> 0.821 ± 0.101	<sup>—</sup> 0.821 ± 0.101	<sup>1</sup> 0.835 ± 0.113	<sup>1</sup> 0.842 ± 0.101	<sup>1,2,3,5,7</sup> 0.838 ± 0.106	<sup>1,2,3</sup> 0.839 ± 0.099
<i>shuttle-c0-vs-c4</i>	<sup>—</sup> 1.000 ± 0.000	<sup>—</sup> 1.000 ± 0.000	<sup>1</sup> 1.000 ± 0.000	<sup>1</sup> 0.998 ± 0.006	<sup>1,7</sup> 0.998 ± 0.006	<sup>—</sup> 0.998 ± 0.006	<sup>4</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>—</sup> 0.828 ± 0.116	<sup>—</sup> 0.870 ± 0.115	<sup>—</sup> 0.875 ± 0.112	<sup>—</sup> 0.897 ± 0.111	<sup>—</sup> 0.912 ± 0.112	<sup>—</sup> 0.898 ± 0.108	<sup>—</sup> 0.912 ± 0.109
	<sup>—</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1,2</sup>	<sup>1,2</sup>	<sup>1</sup>	<sup>1,2</sup>

Table 1: Results for BAC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.622	2.707	3.183	4.098	4.671	4.854	5.866
	<sup>—</sup>	<sup>—</sup>	<sup>2</sup>	<sup>1,2</sup>	<sup>1,2,3,4</sup>	<sup>1,2,3,4</sup>	<sup>all</sup>

Table 2: Results for mean ranks according to BAC metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.680 ± 0.227	0.730 ± 0.196	0.732 ± 0.196	0.539 ± 0.241	0.545 ± 0.249	0.501 ± 0.242	0.587 ± 0.216
<i>ecoli-0-2-3-4-vs-5</i>	<sup>4,5,6,7</sup> 0.730 ± 0.140	<sup>4,5,6,7</sup> 0.796 ± 0.159	<sup>4,5,6,7</sup> 0.798 ± 0.158	<sup>6</sup> 0.829 ± 0.126	<sup>6</sup> 0.834 ± 0.123	<sup>6</sup> 0.816 ± 0.128	<sup>6</sup> 0.821 ± 0.125
<i>glass-0-1-6-vs-2</i>	<sup>1</sup> 0.225 ± 0.219	<sup>1</sup> 0.163 ± 0.261	<sup>1</sup> 0.167 ± 0.266	<sup>1</sup> 0.325 ± 0.132	<sup>1</sup> 0.343 ± 0.119	<sup>1</sup> 0.253 ± 0.090	<sup>1</sup> 0.319 ± 0.092
<i>ecoli-0-1-vs-5</i>	<sup>1,2,3,6</sup> 0.666 ± 0.143	<sup>1,2,3,6,7</sup> 0.760 ± 0.158	<sup>1,2,3,6,7</sup> 0.762 ± 0.159	<sup>1,2,3,6,7</sup> 0.850 ± 0.109	<sup>1,2,3,6,7</sup> 0.861 ± 0.108	<sup>2,3</sup> 0.844 ± 0.123	<sup>1,2,3,6</sup> 0.855 ± 0.125
<i>yeast-1-4-5-8-vs-7</i>	<sup>1,2,3</sup> 0.119 ± 0.133	<sup>1</sup> 0.027 ± 0.082	<sup>1</sup> 0.027 ± 0.082	<sup>1,2,3</sup> 0.161 ± 0.081	<sup>1,2,3</sup> 0.178 ± 0.082	<sup>1,2,3</sup> 0.149 ± 0.051	<sup>1,2,3</sup> 0.149 ± 0.060
<i>ecoli4</i>	<sup>2,3</sup> 0.732 ± 0.138	<sup>1</sup> 0.769 ± 0.171	<sup>1</sup> 0.769 ± 0.171	<sup>2,3</sup> 0.867 ± 0.115	<sup>all</sup> 0.849 ± 0.146	<sup>2,3</sup> 0.851 ± 0.119	<sup>2,3</sup> 0.832 ± 0.143
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1,2,3</sup> 0.778 ± 0.109	<sup>1</sup> 0.714 ± 0.111	<sup>1</sup> 0.712 ± 0.108	<sup>1,2,3</sup> 0.401 ± 0.200	<sup>1,2,3</sup> 0.392 ± 0.193	<sup>1,2,3</sup> 0.731 ± 0.156	<sup>1,2,3</sup> 0.736 ± 0.115
<i>glass5</i>	<sup>all</sup> 0.657 ± 0.346	<sup>4,5</sup> 0.633 ± 0.348	<sup>4,5</sup> 0.633 ± 0.348	<sup>6</sup> 0.700 ± 0.260	<sup>6</sup> 0.766 ± 0.247	<sup>3,4,5</sup> 0.577 ± 0.237	<sup>4,5</sup> 0.683 ± 0.229
<i>ecoli-0-3-4-6-vs-5</i>	<sup>6</sup> 0.665 ± 0.186	<sup>6</sup> 0.766 ± 0.189	<sup>6</sup> 0.768 ± 0.180	<sup>6</sup> 0.805 ± 0.158	<sup>all</sup> 0.809 ± 0.138	<sup>6</sup> 0.800 ± 0.157	<sup>6</sup> 0.813 ± 0.142
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1</sup> 0.391 ± 0.122	<sup>1</sup> 0.428 ± 0.152	<sup>1</sup> 0.423 ± 0.155	<sup>1</sup> 0.548 ± 0.074	<sup>1</sup> 0.548 ± 0.088	<sup>1</sup> 0.458 ± 0.081	<sup>1,3</sup> 0.470 ± 0.084
<i>yeast6</i>	<sup>1,2,3,6,7</sup> 0.422 ± 0.135	<sup>1,2,3,6,7</sup> 0.511 ± 0.168	<sup>1,2,3,6,7</sup> 0.511 ± 0.169	<sup>1,2,3,6,7</sup> 0.486 ± 0.124	<sup>1,2,3,6,7</sup> 0.510 ± 0.109	<sup>1</sup> 0.378 ± 0.101	<sup>1</sup> 0.422 ± 0.103
<i>ecoli-0-6-7-vs-5</i>	<sup>1,6,7</sup> 0.726 ± 0.208	<sup>1,6,7</sup> 0.791 ± 0.179	<sup>1,6,7</sup> 0.791 ± 0.179	<sup>1,6,7</sup> 0.789 ± 0.167	<sup>1,6,7</sup> 0.783 ± 0.164	<sup>6</sup> 0.756 ± 0.171	<sup>6</sup> 0.762 ± 0.164
<i>glass-0-1-6-vs-5</i>	<sup>1,6,7</sup> 0.631 ± 0.314	<sup>1,6,7</sup> 0.663 ± 0.272	<sup>1,6,7</sup> 0.663 ± 0.272	<sup>1,6,7</sup> 0.663 ± 0.286	<sup>1</sup> 0.705 ± 0.282	<sup>6</sup> 0.578 ± 0.223	<sup>6</sup> 0.700 ± 0.255
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>6</sup> 0.513 ± 0.327	<sup>6</sup> 0.376 ± 0.441	<sup>6</sup> 0.423 ± 0.441	<sup>6</sup> 0.564 ± 0.322	<sup>4,6</sup> 0.524 ± 0.324	<sup>6</sup> 0.497 ± 0.298	<sup>6</sup> 0.419 ± 0.291
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>2,7</sup> 0.491 ± 0.084	<sup>6</sup> 0.573 ± 0.089	<sup>6</sup> 0.574 ± 0.083	<sup>2,6,7</sup> 0.619 ± 0.092	<sup>7</sup> 0.615 ± 0.093	<sup>7</sup> 0.605 ± 0.093	<sup>6</sup> 0.579 ± 0.109
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1,2,3,7</sup> 0.612 ± 0.134	<sup>1</sup> 0.711 ± 0.150	<sup>1</sup> 0.714 ± 0.149	<sup>1,2,3,7</sup> 0.799 ± 0.141	<sup>1,2,3,7</sup> 0.817 ± 0.117	<sup>1,2,3,7</sup> 0.788 ± 0.144	<sup>1</sup> 0.794 ± 0.119
<i>yeast5</i>	<sup>1,2,3</sup> 0.658 ± 0.137	<sup>1</sup> 0.680 ± 0.122	<sup>1</sup> 0.686 ± 0.117	<sup>1,2,3</sup> 0.715 ± 0.085	<sup>1,2,3,7</sup> 0.739 ± 0.088	<sup>1,2,3</sup> 0.675 ± 0.075	<sup>1,2,3</sup> 0.715 ± 0.094
<i>shuttle-c2-vs-c4</i>	<sup>1,6</sup> 1.000 ± 0.000	<sup>1,6</sup> 1.000 ± 0.000	<sup>1,6</sup> 1.000 ± 0.000	<sup>all</sup> 0.993 ± 0.046	<sup>all</sup> 0.993 ± 0.046	<sup>6</sup> 0.993 ± 0.046	<sup>1,6</sup> 0.993 ± 0.046
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>1</sup> 0.611 ± 0.148	<sup>1</sup> 0.709 ± 0.164	<sup>1</sup> 0.711 ± 0.165	<sup>1</sup> 0.771 ± 0.138	<sup>1</sup> 0.779 ± 0.133	<sup>1</sup> 0.707 ± 0.155	<sup>1</sup> 0.707 ± 0.141
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2,3,6,7</sup> 0.366 ± 0.116	<sup>1,2,3,6,7</sup> 0.290 ± 0.142	<sup>1,2,3,6,7</sup> 0.297 ± 0.140	<sup>1,2,3,6,7</sup> 0.388 ± 0.122	<sup>1,2,3,6,7</sup> 0.392 ± 0.133	<sup>1</sup> 0.372 ± 0.114	<sup>1</sup> 0.364 ± 0.098
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.353 ± 0.151	<sup>2,3</sup> 0.163 ± 0.155	<sup>2,3</sup> 0.163 ± 0.155	<sup>2,3</sup> 0.287 ± 0.125	<sup>2,3</sup> 0.259 ± 0.113	<sup>2,3</sup> 0.272 ± 0.075	<sup>2,3</sup> 0.251 ± 0.067
<i>yeast-1-2-8-9-vs-7</i>	<sup>all</sup> 0.233 ± 0.137	<sup>1</sup> 0.170 ± 0.169	<sup>1</sup> 0.169 ± 0.169	<sup>2,3,5,7</sup> 0.242 ± 0.098	<sup>2,3</sup> 0.217 ± 0.082	<sup>2,3,7</sup> 0.162 ± 0.055	<sup>2,3</sup> 0.162 ± 0.049
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3,6,7</sup> 0.606 ± 0.149	<sup>1</sup> 0.743 ± 0.150	<sup>1</sup> 0.745 ± 0.152	<sup>2,3,5,6,7</sup> 0.815 ± 0.111	<sup>6,7</sup> 0.812 ± 0.115	<sup>6,7</sup> 0.799 ± 0.118	<sup>6,7</sup> 0.805 ± 0.125
<i>glass-0-1-5-vs-2</i>	<sup>1,2,3</sup> 0.249 ± 0.210	<sup>1</sup> 0.173 ± 0.249	<sup>1</sup> 0.173 ± 0.249	<sup>1,2,3</sup> 0.346 ± 0.152	<sup>1,2,3</sup> 0.357 ± 0.144	<sup>1,2,3</sup> 0.290 ± 0.080	<sup>1,2,3</sup> 0.321 ± 0.105
<i>yeast-2-vs-4</i>	<sup>1,2,3,6</sup> 0.707 ± 0.087	<sup>1,2,3,6</sup> 0.729 ± 0.093	<sup>1,2,3,6</sup> 0.727 ± 0.092	<sup>1,2,3,6</sup> 0.766 ± 0.094	<sup>1,2,3,6,7</sup> 0.767 ± 0.096	<sup>2,3</sup> 0.761 ± 0.106	<sup>1,2,3,6</sup> 0.754 ± 0.094
<i>glass-0-6-vs-5</i>	<sup>1,2,3</sup> 0.793 ± 0.302	<sup>1,2,3</sup> 0.809 ± 0.283	<sup>1,2,3</sup> 0.809 ± 0.283	<sup>1,2,3</sup> 0.624 ± 0.341	<sup>1,2,3</sup> 0.617 ± 0.370	<sup>1,2,3</sup> 0.506 ± 0.294	<sup>1</sup> 0.598 ± 0.346
<i>glass2</i>	<sup>4,5,6,7</sup> 0.167 ± 0.204	<sup>4,5,6,7</sup> 0.243 ± 0.230	<sup>4,5,6,7</sup> 0.252 ± 0.236	<sup>6</sup> 0.320 ± 0.154	<sup>6</sup> 0.354 ± 0.135	<sup>6</sup> 0.261 ± 0.092	<sup>6</sup> 0.330 ± 0.084
<i>yeast-2-vs-8</i>	<sup>1,6</sup> 0.408 ± 0.199	<sup>1,6</sup> 0.585 ± 0.246	<sup>1,6</sup> 0.585 ± 0.246	<sup>1,6</sup> 0.666 ± 0.197	<sup>1,2,3,6</sup> 0.660 ± 0.191	<sup>1</sup> 0.646 ± 0.196	<sup>1,2,3,6</sup> 0.584 ± 0.164
<i>vowel0</i>	<sup>1,2,3,7</sup> 0.921 ± 0.045	<sup>1</sup> 0.909 ± 0.041	<sup>1</sup> 0.911 ± 0.040	<sup>1,2,3,7</sup> 0.801 ± 0.082	<sup>1,2,3,7</sup> 0.796 ± 0.073	<sup>1,7</sup> 0.838 ± 0.080	<sup>1</sup> 0.825 ± 0.068
<i>glass-0-4-vs-5</i>	<sup>4,5,6,7</sup> 0.942 ± 0.109	<sup>4,5,6,7</sup> 0.939 ± 0.114	<sup>4,5,6,7</sup> 0.942 ± 0.109	<sup>6</sup> 0.903 ± 0.226	<sup>6</sup> 0.920 ± 0.216	<sup>4,5</sup> 0.882 ± 0.236	<sup>4,5</sup> 0.907 ± 0.228
<i>glass-0-1-4-6-vs-2</i>	<sup>1</sup> 0.220 ± 0.210	<sup>1</sup> 0.160 ± 0.245	<sup>1</sup> 0.164 ± 0.248	<sup>1</sup> 0.301 ± 0.153	<sup>1</sup> 0.313 ± 0.144	<sup>1</sup> 0.247 ± 0.103	<sup>1</sup> 0.299 ± 0.123
<i>yeast4</i>	<sup>1,2,3,6</sup> 0.336 ± 0.122	<sup>1,2,3,6</sup> 0.273 ± 0.138	<sup>1,2,3,6</sup> 0.271 ± 0.134	<sup>1,2,3,6</sup> 0.404 ± 0.091	<sup>1,2,3,6</sup> 0.406 ± 0.105	<sup>2,3</sup> 0.323 ± 0.064	<sup>1,2,3,6</sup> 0.321 ± 0.058
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.667 ± 0.159	<sup>2,3</sup> 0.764 ± 0.145	<sup>2,3</sup> 0.764 ± 0.145	<sup>1,2,3,6,7</sup> 0.809 ± 0.136	<sup>1,2,3,6,7</sup> 0.826 ± 0.146	<sup>2,3</sup> 0.805 ± 0.137	<sup>2,3</sup> 0.827 ± 0.144
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,3</sup> 0.903 ± 0.084	<sup>1,2,3</sup> 0.948 ± 0.081	<sup>1,2,3</sup> 0.948 ± 0.081	<sup>1,2,3</sup> 0.614 ± 0.203	<sup>1,2,3</sup> 0.786 ± 0.190	<sup>1</sup> 0.707 ± 0.180	<sup>1,2,3</sup> 0.838 ± 0.170
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,5,6,7</sup> 0.711 ± 0.076	<sup>1,4,5,6,7</sup> 0.798 ± 0.069	<sup>1,4,5,6,7</sup> 0.799 ± 0.069	<sup>6</sup> 0.819 ± 0.055	<sup>4,6</sup> 0.822 ± 0.056	<sup>4</sup> 0.809 ± 0.062	<sup>4,5,6</sup> 0.812 ± 0.056
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1</sup> 0.599 ± 0.183	<sup>1</sup> 0.695 ± 0.161	<sup>1</sup> 0.699 ± 0.162	<sup>1,2,3,6</sup> 0.804 ± 0.133	<sup>1,2,3,6,7</sup> 0.799 ± 0.133	<sup>1</sup> 0.743 ± 0.146	<sup>1</sup> 0.758 ± 0.145
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2,3,6,7</sup> 0.676 ± 0.209	<sup>1,2,3,6,7</sup> 0.730 ± 0.190	<sup>1,2,3,6,7</sup> 0.731 ± 0.188	<sup>1,2,3,6,7</sup> 0.722 ± 0.175	<sup>1,2,3,6,7</sup> 0.718 ± 0.177	<sup>1,2,3</sup> 0.715 ± 0.177	<sup>1,2,3</sup> 0.697 ± 0.184
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1,7</sup> 0.686 ± 0.108	<sup>1,7</sup> 0.784 ± 0.131	<sup>1,7</sup> 0.790 ± 0.128	<sup>7</sup> 0.801 ± 0.122	<sup>7</sup> 0.783 ± 0.117	<sup>7</sup> 0.804 ± 0.132	<sup>7</sup> 0.780 ± 0.116
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1</sup> 0.664 ± 0.218	<sup>1</sup> 0.715 ± 0.174	<sup>1</sup> 0.721 ± 0.173	<sup>1,5</sup> 0.732 ± 0.190	<sup>1</sup> 0.738 ± 0.170	<sup>1,7</sup> 0.709 ± 0.183	<sup>1</sup> 0.695 ± 0.173
<i>shuttle-c0-vs-c4</i>	<sup>1,7</sup> 1.000 ± 0.000	<sup>1,7</sup> 1.000 ± 0.000	<sup>1,7</sup> 1.000 ± 0.000	<sup>1,7</sup> 0.998 ± 0.006	<sup>1,7</sup> 0.998 ± 0.006	<sup>1,7</sup> 0.998 ± 0.006	<sup>1,7</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>1</sup> 0.683 ± 0.176	<sup>1</sup> 0.787 ± 0.183	<sup>1</sup> 0.795 ± 0.182	<sup>1</sup> 0.820 ± 0.167	<sup>1</sup> 0.833 ± 0.190	<sup>1</sup> 0.812 ± 0.164	<sup>1</sup> 0.833 ± 0.186

Table 3: Results for F1 metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.817	3.256	3.732	5.195	5.463	3.463	4.073
	—	—	1,2	1,2,3,6,7	1,2,3,6,7	—	1,6

Table 4: Results for mean ranks according to F1 metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.730 ± 0.276 <sup>4,5,6,7</sup>	0.777 ± 0.245 <sup>4,5,6,7</sup>	0.783 ± 0.247 <sup>4,5,6,7</sup>	0.523 ± 0.281 <sup>6</sup>	0.521 ± 0.275 <sup>6</sup>	0.455 ± 0.267 <sup>—</sup>	0.532 ± 0.241 <sup>6</sup>
<i>ecoli-0-2-3-4-vs-5</i>	0.769 ± 0.174 <sup>—</sup>	0.893 ± 0.158 <sup>1,6,7</sup>	0.888 ± 0.158 <sup>1,6,7</sup>	0.865 ± 0.144 <sup>1</sup>	0.861 ± 0.157 <sup>1</sup>	0.841 ± 0.152 <sup>1</sup>	0.835 ± 0.162 <sup>1</sup>
<i>glass-0-1-6-vs-2</i>	0.237 ± 0.249 <sup>—</sup>	0.260 ± 0.416 <sup>—</sup>	0.277 ± 0.436 <sup>—</sup>	0.225 ± 0.100 <sup>6</sup>	0.236 ± 0.087 <sup>6,7</sup>	0.156 ± 0.058 <sup>—</sup>	0.204 ± 0.064 <sup>6</sup>
<i>ecoli-0-1-vs-5</i>	0.731 ± 0.181 <sup>—</sup>	0.894 ± 0.146 <sup>1</sup>	0.895 ± 0.146 <sup>1</sup>	0.950 ± 0.102 <sup>1,2,3</sup>	0.945 ± 0.106 <sup>1,2,3</sup>	0.902 ± 0.156 <sup>1</sup>	0.909 ± 0.152 <sup>1</sup>
<i>yeast-1-4-5-8-vs-7</i>	0.112 ± 0.127 <sup>2,3</sup>	0.087 ± 0.273 <sup>—</sup>	0.087 ± 0.273 <sup>—</sup>	0.108 ± 0.056 <sup>2,3,6,7</sup>	0.120 ± 0.057 <sup>2,3,4,6,7</sup>	0.087 ± 0.030 <sup>2,3</sup>	0.087 ± 0.035 <sup>2,3</sup>
<i>ecoli4</i>	0.743 ± 0.176 <sup>—</sup>	0.827 ± 0.181 <sup>1</sup>	0.827 ± 0.181 <sup>1</sup>	0.920 ± 0.115 <sup>1,2,3,6,7</sup>	0.885 ± 0.152 <sup>1,7</sup>	0.869 ± 0.161 <sup>3,5</sup>	0.843 ± 0.162 <sup>5</sup>
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.797 ± 0.142 <sup>all</sup>	0.666 ± 0.134 <sup>—</sup>	0.660 ± 0.130 <sup>—</sup>	0.646 ± 0.280 <sup>5</sup>	0.583 ± 0.272 <sup>—</sup>	0.690 ± 0.151 <sup>3,5</sup>	0.677 ± 0.098 <sup>5</sup>
<i>glass5</i>	0.707 ± 0.382 <sup>6,7</sup>	0.717 ± 0.394 <sup>6,7</sup>	0.717 ± 0.394 <sup>6,7</sup>	0.687 ± 0.303 <sup>6,7</sup>	0.767 ± 0.286 <sup>4,6,7</sup>	0.510 ± 0.283 <sup>—</sup>	0.602 ± 0.260 <sup>6</sup>
<i>ecoli-0-3-4-6-vs-5</i>	0.692 ± 0.204 <sup>—</sup>	0.866 ± 0.185 <sup>1,5,6,7</sup>	0.860 ± 0.186 <sup>1,5,6,7</sup>	0.834 ± 0.156 <sup>1</sup>	0.808 ± 0.156 <sup>1</sup>	0.807 ± 0.168 <sup>1</sup>	0.806 ± 0.158 <sup>1</sup>
<i>yeast-0-5-6-7-9-vs-4</i>	0.395 ± 0.139 <sup>6</sup>	0.617 ± 0.193 <sup>1,4,5,6,7</sup>	0.610 ± 0.192 <sup>1,4,5,6,7</sup>	0.480 ± 0.113 <sup>1,6,7</sup>	0.480 ± 0.121 <sup>1,6,7</sup>	0.338 ± 0.087 <sup>—</sup>	0.349 ± 0.086 <sup>—</sup>
<i>yeast6</i>	0.419 ± 0.182 <sup>6,7</sup>	0.677 ± 0.236 <sup>1,4,5,6,7</sup>	0.678 ± 0.238 <sup>1,4,5,6,7</sup>	0.391 ± 0.112 <sup>6,7</sup>	0.429 ± 0.099 <sup>4,6,7</sup>	0.264 ± 0.089 <sup>—</sup>	0.313 ± 0.092 <sup>—</sup>
<i>ecoli-0-6-7-vs-5</i>	0.794 ± 0.232 <sup>—</sup>	0.878 ± 0.160 <sup>1,6,7</sup>	0.878 ± 0.160 <sup>1,6,7</sup>	0.871 ± 0.167 <sup>6,7</sup>	0.859 ± 0.175 <sup>6,7</sup>	0.796 ± 0.188 <sup>—</sup>	0.790 ± 0.188 <sup>6</sup>
<i>glass-0-1-6-vs-5</i>	0.680 ± 0.364 <sup>6</sup>	0.732 ± 0.335 <sup>6,7</sup>	0.732 ± 0.335 <sup>6,7</sup>	0.671 ± 0.332 <sup>6</sup>	0.717 ± 0.316 <sup>6,7</sup>	0.492 ± 0.253 <sup>—</sup>	0.640 ± 0.281 <sup>6</sup>
<i>ecoli-0-1-3-7-vs-2-6</i>	0.465 ± 0.340 <sup>7</sup>	0.413 ± 0.477 <sup>—</sup>	0.463 ± 0.478 <sup>—</sup>	0.534 ± 0.353 <sup>6,7</sup>	0.486 ± 0.359 <sup>7</sup>	0.449 ± 0.328 <sup>7</sup>	0.357 ± 0.316 <sup>—</sup>
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.479 ± 0.096 <sup>—</sup>	0.737 ± 0.117 <sup>1,5,6,7</sup>	0.744 ± 0.113 <sup>1,4,5,6,7</sup>	0.713 ± 0.102 <sup>1,6,7</sup>	0.702 ± 0.104 <sup>1,7</sup>	0.675 ± 0.148 <sup>1,7</sup>	0.599 ± 0.162 <sup>1</sup>
<i>ecoli-0-1-4-7-vs-5-6</i>	0.611 ± 0.150 <sup>—</sup>	0.846 ± 0.142 <sup>1</sup>	0.846 ± 0.142 <sup>1</sup>	0.893 ± 0.133 <sup>1,6,7</sup>	0.868 ± 0.146 <sup>1,7</sup>	0.832 ± 0.155 <sup>1</sup>	0.790 ± 0.168 <sup>1</sup>
<i>yeast5</i>	0.703 ± 0.162 <sup>4,5,6,7</sup>	0.753 ± 0.147 <sup>1,4,5,6,7</sup>	0.755 ± 0.146 <sup>1,4,5,6,7</sup>	0.617 ± 0.109 <sup>6</sup>	0.650 ± 0.104 <sup>4,6,7</sup>	0.551 ± 0.093 <sup>—</sup>	0.610 ± 0.109 <sup>6</sup>
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.611 ± 0.157 <sup>—</sup>	0.853 ± 0.142 <sup>1,6,7</sup>	0.854 ± 0.142 <sup>1,6,7</sup>	0.887 ± 0.130 <sup>1,6,7</sup>	0.875 ± 0.147 <sup>1,6,7</sup>	0.743 ± 0.198 <sup>1</sup>	0.711 ± 0.181 <sup>1</sup>
<i>yeast-0-3-5-9-vs-7-8</i>	0.363 ± 0.130 <sup>7</sup>	0.526 ± 0.259 <sup>1,5,6,7</sup>	0.539 ± 0.258 <sup>1,5,6,7</sup>	0.491 ± 0.176 <sup>1,5,6,7</sup>	0.432 ± 0.158 <sup>1,6,7</sup>	0.378 ± 0.161 <sup>7</sup>	0.281 ± 0.100 <sup>—</sup>
<i>yeast-1-vs-7</i>	0.333 ± 0.141 <sup>4,5,6,7</sup>	0.400 ± 0.410 <sup>4,5,6,7</sup>	0.400 ± 0.410 <sup>4,5,6,7</sup>	0.213 ± 0.097 <sup>5,6,7</sup>	0.187 ± 0.086 <sup>7</sup>	0.174 ± 0.052 <sup>7</sup>	0.157 ± 0.042 <sup>—</sup>
<i>yeast-1-2-8-9-vs-7</i>	0.212 ± 0.140 <sup>—</sup>	0.415 ± 0.423 <sup>—</sup>	0.405 ± 0.415 <sup>—</sup>	0.180 ± 0.082 <sup>—</sup>	0.155 ± 0.061 <sup>—</sup>	0.096 ± 0.034 <sup>—</sup>	0.095 ± 0.029 <sup>—</sup>
<i>ecoli-0-1-4-6-vs-5</i>	0.655 ± 0.218 <sup>5,6,7</sup>	0.868 ± 0.176 <sup>1,4,5,6,7</sup>	0.864 ± 0.181 <sup>1,4,5,6,7</sup>	0.873 ± 0.144 <sup>5,6,7</sup>	0.843 ± 0.136 <sup>6,7</sup>	0.833 ± 0.164 <sup>—</sup>	0.828 ± 0.159 <sup>—</sup>
<i>glass-0-1-5-vs-2</i>	0.302 ± 0.304 <sup>—</sup>	0.249 ± 0.370 <sup>1</sup>	0.249 ± 0.370 <sup>1</sup>	0.247 ± 0.130 <sup>1,6</sup>	0.247 ± 0.109 <sup>1</sup>	0.181 ± 0.053 <sup>1</sup>	0.205 ± 0.071 <sup>1</sup>
<i>yeast-2-vs-4</i>	0.709 ± 0.097 <sup>6</sup>	0.779 ± 0.116 <sup>—</sup>	0.778 ± 0.116 <sup>—</sup>	0.850 ± 0.099 <sup>6,7</sup>	0.852 ± 0.097 <sup>6,7</sup>	0.805 ± 0.127 <sup>—</sup>	0.774 ± 0.111 <sup>6</sup>
<i>glass-0-6-vs-5</i>	0.808 ± 0.318 <sup>—</sup>	0.837 ± 0.295 <sup>1</sup>	0.837 ± 0.295 <sup>1</sup>	0.707 ± 0.392 <sup>1,2,3,6,7</sup>	0.710 ± 0.414 <sup>1,2,3,6,7</sup>	0.459 ± 0.319 <sup>1,7</sup>	0.611 ± 0.379 <sup>1</sup>
<i>glass2</i>	0.172 ± 0.228 <sup>6,7</sup>	0.405 ± 0.417 <sup>6,7</sup>	0.429 ± 0.431 <sup>6,7</sup>	0.233 ± 0.121 <sup>6</sup>	0.246 ± 0.102 <sup>6,7</sup>	0.163 ± 0.062 <sup>—</sup>	0.210 ± 0.055 <sup>6</sup>
<i>yeast-2-vs-8</i>	0.442 ± 0.271 <sup>—</sup>	0.848 ± 0.292 <sup>1,4,6,7</sup>	0.848 ± 0.292 <sup>1,4,5,6,7</sup>	0.912 ± 0.183 <sup>1,6</sup>	0.901 ± 0.184 <sup>1,6,7</sup>	0.845 ± 0.222 <sup>—</sup>	0.712 ± 0.262 <sup>1,6</sup>
<i>vowel0</i>	0.911 ± 0.067 <sup>—</sup>	0.902 ± 0.068 <sup>1,7</sup>	0.906 ± 0.063 <sup>1,7</sup>	0.915 ± 0.076 <sup>1,6,7</sup>	0.924 ± 0.070 <sup>1,7</sup>	0.919 ± 0.076 <sup>1,7</sup>	0.924 ± 0.069 <sup>1</sup>
<i>glass-0-4-vs-5</i>	0.908 ± 0.169 <sup>—</sup>	0.905 ± 0.175 <sup>—</sup>	0.908 ± 0.169 <sup>—</sup>	0.950 ± 0.206 <sup>—</sup>	0.960 ± 0.195 <sup>2,3</sup>	0.907 ± 0.236 <sup>—</sup>	0.930 ± 0.223 <sup>2,3,4</sup>
<i>glass-0-1-4-6-vs-2</i>	0.258 ± 0.269 <sup>—</sup>	0.229 ± 0.363 <sup>—</sup>	0.232 ± 0.363 <sup>—</sup>	0.212 ± 0.111 <sup>—</sup>	0.216 ± 0.103 <sup>1,2,3</sup>	0.152 ± 0.066 <sup>—</sup>	0.190 ± 0.083 <sup>—</sup>
<i>yeast4</i>	0.330 ± 0.134 <sup>6</sup>	0.525 ± 0.275 <sup>—</sup>	0.520 ± 0.275 <sup>—</sup>	0.326 ± 0.086 <sup>6</sup>	0.332 ± 0.099 <sup>6,7</sup>	0.215 ± 0.052 <sup>—</sup>	0.210 ± 0.045 <sup>6</sup>
<i>ecoli-0-4-6-vs-5</i>	0.744 ± 0.193 <sup>6,7</sup>	0.877 ± 0.159 <sup>1,4,5,6,7</sup>	0.877 ± 0.159 <sup>1,4,5,6,7</sup>	0.847 ± 0.162 <sup>6,7</sup>	0.826 ± 0.176 <sup>6,7</sup>	0.826 ± 0.165 <sup>—</sup>	0.824 ± 0.176 <sup>—</sup>
<i>page-blocks-1-3-vs-4</i>	0.908 ± 0.102 <sup>—</sup>	0.942 ± 0.084 <sup>1</sup>	0.942 ± 0.084 <sup>1</sup>	0.805 ± 0.228 <sup>1</sup>	0.949 ± 0.165 <sup>1</sup>	0.796 ± 0.215 <sup>1</sup>	0.927 ± 0.173 <sup>1</sup>
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.709 ± 0.082 <sup>4,6</sup>	0.850 ± 0.086 <sup>1,4,6</sup>	0.850 ± 0.086 <sup>1,4,6</sup>	0.827 ± 0.073 <sup>—</sup>	0.829 ± 0.073 <sup>1,4,6</sup>	0.816 ± 0.083 <sup>—</sup>	0.807 ± 0.072 <sup>4,6</sup>
<i>ecoli-0-1-vs-2-3-5</i>	0.627 ± 0.198 <sup>—</sup>	0.803 ± 0.163 <sup>1,4,5,6,7</sup>	0.809 ± 0.165 <sup>1,4,5,6,7</sup>	0.958 ± 0.092 <sup>1,7</sup>	0.939 ± 0.105 <sup>1,7</sup>	0.801 ± 0.173 <sup>1</sup>	0.826 ± 0.165 <sup>1</sup>
<i>ecoli-0-6-7-vs-3-5</i>	0.735 ± 0.236 <sup>—</sup>	0.855 ± 0.205 <sup>1</sup>	0.858 ± 0.198 <sup>1</sup>	0.820 ± 0.191 <sup>1,2,3,6,7</sup>	0.804 ± 0.198 <sup>1,2,3,6,7</sup>	0.763 ± 0.217 <sup>1</sup>	0.719 ± 0.224 <sup>1</sup>
<i>ecoli-0-3-4-7-vs-5-6</i>	0.692 ± 0.154 <sup>—</sup>	0.904 ± 0.130 <sup>1,6,7</sup>	0.904 ± 0.130 <sup>1,6,7</sup>	0.848 ± 0.140 <sup>6,7</sup>	0.810 ± 0.137 <sup>7</sup>	0.812 ± 0.156 <sup>—</sup>	0.762 ± 0.138 <sup>—</sup>
<i>ecoli-0-2-6-7-vs-3-5</i>	0.722 ± 0.252 <sup>—</sup>	0.838 ± 0.201 <sup>1,4,5,6,7</sup>	0.858 ± 0.197 <sup>1,4,5,6,7</sup>	0.825 ± 0.196 <sup>1,5,7</sup>	0.805 ± 0.186 <sup>1,7</sup>	0.762 ± 0.225 <sup>1,7</sup>	0.711 ± 0.218 <sup>1</sup>
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>1,7</sup>	1.000 ± 0.000 <sup>1,6,7</sup>	1.000 ± 0.000 <sup>1,6,7</sup>	1.000 ± 0.000 <sup>1,7</sup>	1.000 ± 0.000 <sup>7</sup>	1.000 ± 0.000 <sup>—</sup>
<i>ecoli-0-3-4-vs-5</i>	0.738 ± 0.200 <sup>—</sup>	0.863 ± 0.172 <sup>1</sup>	0.863 ± 0.172 <sup>1</sup>	0.870 ± 0.155 <sup>1</sup>	0.856 ± 0.193 <sup>1</sup>	0.849 ± 0.164 <sup>1</sup>	0.854 ± 0.190 <sup>1</sup>

Table 5: Results for Precision metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.012	5.098	5.378	4.683	4.659	2.610	2.561
	—	1,6,7	1,6,7	1,6,7	1,6,7	—	—

Table 6: Results for mean ranks according to Precision metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.717 ± 0.277	0.730 ± 0.233	0.730 ± 0.233	0.633 ± 0.300	0.623 ± 0.286	0.643 ± 0.309	0.710 ± 0.257
<i>ecoli-0-2-3-4-vs-5</i>	<sup>5</sup> 0.730 ± 0.179	<sup>4,5</sup> 0.740 ± 0.193	<sup>4,5</sup> 0.745 ± 0.190	<sup>1,2,3</sup> 0.820 ± 0.173	<sup>1,2,3</sup> 0.835 ± 0.162	<sup>1,2,3</sup> 0.820 ± 0.173	<sup>5</sup> 0.835 ± 0.162
<i>glass-0-1-6-vs-2</i>	<sup>1,2,3</sup> 0.243 ± 0.247	<sup>1,2,3</sup> 0.123 ± 0.201	<sup>1,2,3</sup> 0.123 ± 0.201	<sup>1,2,3</sup> 0.630 ± 0.265	<sup>1,2,3</sup> 0.667 ± 0.248	<sup>1,2,3</sup> 0.718 ± 0.282	<sup>1,2,3</sup> 0.775 ± 0.213
<i>ecoli-0-1-vs-5</i>	<sup>2,3</sup> 0.655 ± 0.205	<sup>1,2,3</sup> 0.700 ± 0.212	<sup>1,2,3</sup> 0.705 ± 0.216	<sup>1,2,3</sup> 0.790 ± 0.160	<sup>1,2,3</sup> 0.810 ± 0.154	<sup>1,2,3,4</sup> 0.820 ± 0.158	<sup>1,2,3,4,5</sup> 0.830 ± 0.153
<i>yeast-1-4-5-8-vs-7</i>	<sup>1,2,3</sup> 0.140 ± 0.157	<sup>1,2,3</sup> 0.017 ± 0.049	<sup>1,2,3</sup> 0.017 ± 0.049	<sup>1,2,3</sup> 0.330 ± 0.174	<sup>1,2,3</sup> 0.360 ± 0.161	<sup>1,2,3</sup> 0.540 ± 0.193	<sup>1,2,3</sup> 0.523 ± 0.218
<i>ecoli4</i>	<sup>2,3</sup> 0.755 ± 0.183	<sup>1,2,3</sup> 0.755 ± 0.214	<sup>1,2,3</sup> 0.755 ± 0.214	<sup>1,2,3</sup> 0.845 ± 0.172	<sup>1,2,3</sup> 0.850 ± 0.193	<sup>1,2,3,4,5</sup> 0.870 ± 0.160	<sup>1,2,3,4,5</sup> 0.860 ± 0.188
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1,2,3</sup> 0.782 ± 0.143	<sup>1,2,3</sup> 0.796 ± 0.145	<sup>1,2,3</sup> 0.799 ± 0.145	<sup>1,2,3</sup> 0.312 ± 0.178	<sup>1,2,3</sup> 0.318 ± 0.177	<sup>1,2,3</sup> 0.800 ± 0.201	<sup>1,2,3</sup> 0.832 ± 0.176
<i>glass5</i>	<sup>4,5</sup> 0.670 ± 0.382	<sup>4,5</sup> 0.620 ± 0.381	<sup>4,5</sup> 0.620 ± 0.381	<sup>1,2,3</sup> 0.800 ± 0.316	<sup>1,2,3</sup> 0.840 ± 0.290	<sup>4,5</sup> 0.800 ± 0.316	<sup>1,2,3,4,5</sup> 0.870 ± 0.260
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1,2,3</sup> 0.680 ± 0.218	<sup>1,2,3</sup> 0.720 ± 0.227	<sup>1,2,3</sup> 0.725 ± 0.219	<sup>1,2,3</sup> 0.805 ± 0.207	<sup>1,2,3</sup> 0.830 ± 0.169	<sup>1,2,3</sup> 0.820 ± 0.200	<sup>1,2,3</sup> 0.840 ± 0.171
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,2,3</sup> 0.412 ± 0.159	<sup>1,2,3</sup> 0.351 ± 0.157	<sup>1,2,3</sup> 0.347 ± 0.162	<sup>1,2,3</sup> 0.670 ± 0.107	<sup>1,2,3</sup> 0.669 ± 0.105	<sup>1,2,3</sup> 0.761 ± 0.122	<sup>1,2,3</sup> 0.767 ± 0.132
<i>yeast6</i>	<sup>2,3</sup> 0.477 ± 0.182	<sup>1,2,3</sup> 0.440 ± 0.175	<sup>1,2,3</sup> 0.440 ± 0.175	<sup>1,2,3</sup> 0.677 ± 0.195	<sup>1,2,3</sup> 0.657 ± 0.180	<sup>1,2,3,4,5</sup> 0.723 ± 0.170	<sup>1,2,3,4,5</sup> 0.691 ± 0.179
<i>ecoli-0-6-7-vs-5</i>	<sup>1,2,3</sup> 0.705 ± 0.243	<sup>1,2,3</sup> 0.755 ± 0.231	<sup>1,2,3</sup> 0.755 ± 0.231	<sup>1,2,3</sup> 0.750 ± 0.206	<sup>1,2,3</sup> 0.750 ± 0.200	<sup>1,2,3,4,5</sup> 0.755 ± 0.209	<sup>1,2,3,5</sup> 0.765 ± 0.202
<i>glass-0-1-6-vs-5</i>	<sup>1,2,3</sup> 0.660 ± 0.366	<sup>1</sup> 0.690 ± 0.330	<sup>1</sup> 0.690 ± 0.330	<sup>1,2,3</sup> 0.740 ± 0.320	<sup>1,2,3</sup> 0.760 ± 0.320	<sup>1,2,3</sup> 0.810 ± 0.280	<sup>1,2,3</sup> 0.830 ± 0.275
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1,2,3</sup> 0.660 ± 0.417	<sup>1,2,3</sup> 0.360 ± 0.436	<sup>1,2,3</sup> 0.410 ± 0.443	<sup>1,2,3</sup> 0.700 ± 0.400	<sup>1,2,3</sup> 0.700 ± 0.400	<sup>1,2,3</sup> 0.700 ± 0.400	<sup>1,2,3</sup> 0.700 ± 0.400
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>2,3</sup> 0.512 ± 0.097	<sup>2,3</sup> 0.476 ± 0.093	<sup>2,3</sup> 0.475 ± 0.089	<sup>2,3</sup> 0.558 ± 0.114	<sup>2,3</sup> 0.557 ± 0.110	<sup>2,3</sup> 0.574 ± 0.117	<sup>2,3</sup> 0.592 ± 0.124
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>2,3</sup> 0.656 ± 0.200	<sup>1,2,3</sup> 0.640 ± 0.183	<sup>1,2,3</sup> 0.644 ± 0.180	<sup>1,2,3</sup> 0.760 ± 0.200	<sup>1,2,3</sup> 0.796 ± 0.162	<sup>1,2,3,4</sup> 0.784 ± 0.191	<sup>1,2,3,4,5</sup> 0.832 ± 0.156
<i>yeast5</i>	<sup>1,2,3</sup> 0.648 ± 0.170	<sup>1,2,3</sup> 0.643 ± 0.160	<sup>1,2,3</sup> 0.650 ± 0.155	<sup>1,2,3</sup> 0.869 ± 0.103	<sup>1,2,3</sup> 0.872 ± 0.122	<sup>1,2,3</sup> 0.892 ± 0.102	<sup>1,2,3,4</sup> 0.883 ± 0.120
<i>shuttle-c2-vs-c4</i>	<sup>1,2,3</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 0.990 ± 0.069	<sup>1,2,3</sup> 0.990 ± 0.069	<sup>1,2,3</sup> 0.990 ± 0.069	<sup>1,2,3</sup> 0.990 ± 0.069
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>1,2,3</sup> 0.632 ± 0.180	<sup>1,2,3</sup> 0.634 ± 0.195	<sup>1,2,3</sup> 0.637 ± 0.197	<sup>1,2,3</sup> 0.713 ± 0.184	<sup>1,2,3</sup> 0.727 ± 0.170	<sup>1,2,3</sup> 0.717 ± 0.179	<sup>1,2,3</sup> 0.731 ± 0.164
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2,3</sup> 0.394 ± 0.146	<sup>1,2,3</sup> 0.210 ± 0.111	<sup>1,2,3</sup> 0.214 ± 0.109	<sup>1,2,3</sup> 0.350 ± 0.148	<sup>1,2,3</sup> 0.388 ± 0.157	<sup>1,2,3</sup> 0.430 ± 0.182	<sup>1,2,3</sup> 0.578 ± 0.176
<i>yeast-1-vs-7</i>	<sup>2,3,4</sup> 0.393 ± 0.190	<sup>2,3,4</sup> 0.107 ± 0.104	<sup>2,3,4</sup> 0.107 ± 0.104	<sup>2,3</sup> 0.480 ± 0.232	<sup>2,3,4</sup> 0.460 ± 0.220	<sup>2,3,4</sup> 0.663 ± 0.201	<sup>all</sup> 0.650 ± 0.208
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3</sup> 0.280 ± 0.168	<sup>1,2,3</sup> 0.113 ± 0.122	<sup>1,2,3</sup> 0.113 ± 0.122	<sup>1,2,3</sup> 0.393 ± 0.151	<sup>2,3</sup> 0.373 ± 0.143	<sup>1,2,3,4,5</sup> 0.523 ± 0.179	<sup>1,2,3,4,5</sup> 0.590 ± 0.194
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.615 ± 0.188	<sup>1,2,3</sup> 0.685 ± 0.185	<sup>1,2,3</sup> 0.690 ± 0.184	<sup>1,2,3</sup> 0.790 ± 0.152	<sup>1,2,3</sup> 0.810 ± 0.170	<sup>1,2,3,4,5</sup> 0.800 ± 0.158	<sup>all</sup> 0.815 ± 0.171
<i>glass-0-1-5-vs-2</i>	<sup>1,2,3</sup> 0.262 ± 0.252	<sup>1</sup> 0.147 ± 0.228	<sup>1</sup> 0.147 ± 0.228	<sup>1,2,3</sup> 0.632 ± 0.256	<sup>1,2,3</sup> 0.682 ± 0.262	<sup>1,2,3</sup> 0.760 ± 0.226	<sup>1,2,3</sup> 0.767 ± 0.249
<i>yeast-2-vs-4</i>	<sup>2,3</sup> 0.722 ± 0.132	<sup>1,2,3</sup> 0.701 ± 0.122	<sup>1,2,3</sup> 0.699 ± 0.120	<sup>1,2,3</sup> 0.711 ± 0.133	<sup>1,2,3</sup> 0.711 ± 0.138	<sup>1,2,3,4,5</sup> 0.746 ± 0.158	<sup>1,2,3,4,5</sup> 0.762 ± 0.159
<i>glass-0-6-vs-5</i>	<sup>1,2,3</sup> 0.820 ± 0.328	<sup>1,2,3</sup> 0.820 ± 0.312	<sup>1,2,3</sup> 0.820 ± 0.312	<sup>1,2,3</sup> 0.610 ± 0.364	<sup>1,2,3</sup> 0.580 ± 0.378	<sup>2,3,4,5</sup> 0.660 ± 0.366	<sup>2,3,4,5</sup> 0.640 ± 0.374
<i>glass2</i>	<sup>4,5,6,7</sup> 0.187 ± 0.238	<sup>4,5,6,7</sup> 0.185 ± 0.177	<sup>4,5,6,7</sup> 0.190 ± 0.182	<sup>1,2,3</sup> 0.560 ± 0.274	<sup>1,2,3,4</sup> 0.658 ± 0.239	<sup>1,2,3,4</sup> 0.702 ± 0.232	<sup>all</sup> 0.795 ± 0.220
<i>yeast-2-vs-8</i>	<sup>1,2,3</sup> 0.435 ± 0.233	<sup>1,2,3</sup> 0.475 ± 0.246	<sup>1,2,3</sup> 0.475 ± 0.246	<sup>1,2,3</sup> 0.555 ± 0.219	<sup>1,2,3</sup> 0.555 ± 0.219	<sup>1,2,3,4</sup> 0.565 ± 0.216	<sup>all</sup> 0.570 ± 0.212
<i>vowel0</i>	<sup>1,2,3</sup> 0.936 ± 0.055	<sup>1,2,3</sup> 0.921 ± 0.059	<sup>1,2,3</sup> 0.922 ± 0.059	<sup>1,2,3</sup> 0.724 ± 0.118	<sup>1,2,3</sup> 0.711 ± 0.117	<sup>1,2,3</sup> 0.781 ± 0.120	<sup>1,2,3</sup> 0.758 ± 0.116
<i>glass-0-4-vs-5</i>	<sup>4,5,6,7</sup> 1.000 ± 0.000	<sup>4,5,6,7</sup> 1.000 ± 0.000	<sup>4,5,6,7</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 0.880 ± 0.256	<sup>1,2,3</sup> 0.900 ± 0.244	<sup>4,5</sup> 0.880 ± 0.256	<sup>4,5</sup> 0.900 ± 0.244
<i>glass-0-1-4-6-vs-2</i>	<sup>4,6</sup> 0.213 ± 0.216	<sup>4,6</sup> 0.132 ± 0.201	<sup>4,6</sup> 0.138 ± 0.213	<sup>1,2,3</sup> 0.557 ± 0.285	<sup>1,2,3</sup> 0.600 ± 0.270	<sup>1,2,3,4,5</sup> 0.702 ± 0.302	<sup>1,2,3,4,5</sup> 0.738 ± 0.279
<i>yeast4</i>	<sup>2,3</sup> 0.364 ± 0.141	<sup>1,2,3</sup> 0.201 ± 0.118	<sup>1,2,3</sup> 0.197 ± 0.109	<sup>1,2,3</sup> 0.565 ± 0.150	<sup>1,2,3</sup> 0.550 ± 0.148	<sup>1,2,3,4,5</sup> 0.697 ± 0.149	<sup>1,2,3,4,5</sup> 0.710 ± 0.133
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.660 ± 0.210	<sup>1,2,3</sup> 0.715 ± 0.193	<sup>1,2,3</sup> 0.715 ± 0.193	<sup>1,2,3</sup> 0.800 ± 0.173	<sup>1,2,3</sup> 0.845 ± 0.157	<sup>1,2,3,4,5</sup> 0.810 ± 0.170	<sup>1,2,3,4,5</sup> 0.850 ± 0.158
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,3</sup> 0.918 ± 0.131	<sup>1</sup> 0.963 ± 0.105	<sup>1</sup> 0.963 ± 0.105	<sup>1,2,3</sup> 0.524 ± 0.216	<sup>1,2,3,4</sup> 0.694 ± 0.219	<sup>1,2,3</sup> 0.684 ± 0.228	<sup>1,2,3,4</sup> 0.778 ± 0.196
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,5,6,7</sup> 0.721 ± 0.102	<sup>4,5,6,7</sup> 0.760 ± 0.092	<sup>4,5,6,7</sup> 0.762 ± 0.092	<sup>1,2,3</sup> 0.817 ± 0.074	<sup>4</sup> 0.820 ± 0.074	<sup>4</sup> 0.809 ± 0.076	<sup>4,5,6</sup> 0.823 ± 0.078
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1,2,3</sup> 0.615 ± 0.230	<sup>1</sup> 0.639 ± 0.196	<sup>1</sup> 0.643 ± 0.197	<sup>1,2,3</sup> 0.715 ± 0.183	<sup>1,2,3,6</sup> 0.719 ± 0.183	<sup>1,2,3</sup> 0.723 ± 0.191	<sup>1,2,3,6</sup> 0.732 ± 0.183
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2,3</sup> 0.671 ± 0.250	<sup>1,2,3</sup> 0.674 ± 0.223	<sup>1,2,3</sup> 0.674 ± 0.223	<sup>1,2,3</sup> 0.677 ± 0.210	<sup>1,2,3</sup> 0.682 ± 0.204	<sup>1,2,3</sup> 0.705 ± 0.196	<sup>1,2,3</sup> 0.708 ± 0.197
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1,2,3</sup> 0.728 ± 0.182	<sup>1,2,3</sup> 0.716 ± 0.179	<sup>1,2,3</sup> 0.724 ± 0.173	<sup>1,2,3</sup> 0.780 ± 0.161	<sup>1,2,3</sup> 0.780 ± 0.156	<sup>1,2,3</sup> 0.820 ± 0.166	<sup>1,2,3</sup> 0.820 ± 0.156
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1,2,3</sup> 0.659 ± 0.255	<sup>1,2,3</sup> 0.659 ± 0.202	<sup>1,2,3</sup> 0.659 ± 0.202	<sup>1,2,3</sup> 0.688 ± 0.222	<sup>1,2,3</sup> 0.704 ± 0.197	<sup>1,2,3,4</sup> 0.707 ± 0.208	<sup>1,2,3,4,5</sup> 0.717 ± 0.191
<i>shuttle-c0-vs-c4</i>	<sup>1,2,3</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 0.996 ± 0.012	<sup>1,2,3</sup> 0.996 ± 0.012	<sup>1,2,3</sup> 0.996 ± 0.012	<sup>2,3</sup> 0.996 ± 0.012
<i>ecoli-0-3-4-vs-5</i>	<sup>1,2,3</sup> 0.690 ± 0.237	<sup>1,2,3</sup> 0.755 ± 0.226	<sup>1,2,3</sup> 0.765 ± 0.220	<sup>1,2,3</sup> 0.810 ± 0.221	<sup>1,2,3</sup> 0.840 ± 0.222	<sup>1,2</sup> 0.815 ± 0.216	<sup>1,2,3</sup> 0.840 ± 0.216

Table 7: Results for Recall metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.854	2.598	2.963	3.756	4.390	5.280	6.159
	—	—	2	—	1,2,3,4	1,2,3,4,5	<i>all</i>

Table 8: Results for mean ranks according to Recall metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.846 ± 0.136	0.857 ± 0.117	0.857 ± 0.117	0.793 ± 0.153	0.790 ± 0.147	0.790 ± 0.158	0.832 ± 0.132
<i>ecoli-0-2-3-4-vs-5</i>	<sup>4,5,6</sup> 0.850 ± 0.087	<sup>4,5,6,7</sup> 0.865 ± 0.099	<sup>4,5,6,7</sup> 0.867 ± 0.097	<sup>6</sup> 0.902 ± 0.087	<sup>1,2,3</sup> 0.908 ± 0.081	<sup>1</sup> 0.900 ± 0.087	<sup>4,6</sup> 0.907 ± 0.082
<i>glass-0-1-6-vs-2</i>	<sup>1</sup> 0.582 ± 0.128	<sup>1</sup> 0.553 ± 0.104	<sup>1</sup> 0.552 ± 0.105	<sup>1,2</sup> 0.707 ± 0.131	<sup>1,2,3</sup> 0.727 ± 0.122	<sup>1</sup> 0.672 ± 0.126	<sup>1,2</sup> 0.735 ± 0.107
<i>ecoli-0-1-vs-5</i>	<sup>1,2,3,6</sup> 0.814 ± 0.099	<sup>1,2,3,6</sup> 0.845 ± 0.105	<sup>1,2,3,6</sup> 0.848 ± 0.107	<sup>1,2,3,6</sup> 0.892 ± 0.080	<sup>1,2,3,6</sup> 0.902 ± 0.077	<sup>1,2,3</sup> 0.904 ± 0.079	<sup>1,2,3,6</sup> 0.910 ± 0.077
<i>yeast-1-4-5-8-vs-7</i>	<sup>1</sup> 0.546 ± 0.078	<sup>1</sup> 0.507 ± 0.025	<sup>1</sup> 0.507 ± 0.025	<sup>1,2,3</sup> 0.601 ± 0.089	<sup>1,2,3</sup> 0.617 ± 0.085	<sup>1,2,3</sup> 0.641 ± 0.094	<sup>1,2,3</sup> 0.636 ± 0.110
<i>ecoli4</i>	<sup>2,3</sup> 0.868 ± 0.091	<sup>1</sup> 0.871 ± 0.107	<sup>1</sup> 0.871 ± 0.107	<sup>1,2,3</sup> 0.920 ± 0.085	<sup>1,2,3,4</sup> 0.921 ± 0.096	<sup>1,2,3,4</sup> 0.929 ± 0.078	<sup>1,2,3,4</sup> 0.924 ± 0.093
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1</sup> 0.881 ± 0.072	<sup>1</sup> 0.878 ± 0.073	<sup>1</sup> 0.879 ± 0.072	<sup>1,2,3</sup> 0.649 ± 0.088	<sup>1,2,3</sup> 0.648 ± 0.089	<sup>1,2,3</sup> 0.884 ± 0.098	<sup>1,2,3</sup> 0.897 ± 0.086
<i>glass5</i>	<sup>2,3,4,5</sup> 0.831 ± 0.189	<sup>4,5</sup> 0.807 ± 0.189	<sup>4,5</sup> 0.807 ± 0.189	<sup>1</sup> 0.891 ± 0.155	<sup>1</sup> 0.914 ± 0.143	<sup>3,4,5</sup> 0.877 ± 0.155	<sup>3,4,5</sup> 0.920 ± 0.128
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1</sup> 0.821 ± 0.111	<sup>1</sup> 0.853 ± 0.116	<sup>1</sup> 0.855 ± 0.111	<sup>6</sup> 0.893 ± 0.105	<sup>1,2,3,4,6</sup> 0.903 ± 0.087	<sup>1</sup> 0.898 ± 0.102	<sup>2,3,5,6</sup> 0.908 ± 0.088
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,2,3</sup> 0.670 ± 0.077	<sup>1</sup> 0.663 ± 0.077	<sup>1</sup> 0.661 ± 0.079	<sup>1,2,3</sup> 0.792 ± 0.048	<sup>1,2,3</sup> 0.791 ± 0.051	<sup>1,2,3</sup> 0.793 ± 0.057	<sup>1,2,3</sup> 0.799 ± 0.062
<i>yeast6</i>	<sup>1</sup> 0.729 ± 0.089	<sup>1</sup> 0.717 ± 0.087	<sup>1</sup> 0.717 ± 0.087	<sup>1,2,3</sup> 0.825 ± 0.096	<sup>1,2,3</sup> 0.818 ± 0.089	<sup>1,2,3</sup> 0.834 ± 0.082	<sup>1,2,3</sup> 0.826 ± 0.087
<i>ecoli-0-6-7-vs-5</i>	<sup>1</sup> 0.842 ± 0.121	<sup>1</sup> 0.871 ± 0.117	<sup>1</sup> 0.871 ± 0.117	<sup>1,2,3</sup> 0.868 ± 0.104	<sup>1,2,3</sup> 0.868 ± 0.101	<sup>1,2,3</sup> 0.866 ± 0.106	<sup>1,2,3</sup> 0.871 ± 0.102
<i>glass-0-1-6-vs-5</i>	<sup>1,6,7</sup> 0.822 ± 0.182	<sup>1,6,7</sup> 0.837 ± 0.162	<sup>1,6,7</sup> 0.837 ± 0.162	<sup>1,6</sup> 0.858 ± 0.160	<sup>1</sup> 0.872 ± 0.160	<sup>1</sup> 0.878 ± 0.139	<sup>1</sup> 0.901 ± 0.139
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1</sup> 0.820 ± 0.209	<sup>1</sup> 0.678 ± 0.219	<sup>1</sup> 0.703 ± 0.222	<sup>4</sup> 0.841 ± 0.200	<sup>4</sup> 0.837 ± 0.200	<sup>4,5</sup> 0.837 ± 0.197	<sup>6</sup> 0.827 ± 0.196
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>2</sup> 0.725 ± 0.050	<sup>1</sup> 0.728 ± 0.047	<sup>1</sup> 0.728 ± 0.045	<sup>2,3,5,6,7</sup> 0.766 ± 0.057	<sup>2,7</sup> 0.765 ± 0.055	<sup>2,3,7</sup> 0.769 ± 0.055	<sup>1,2</sup> 0.770 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1,2,3</sup> 0.809 ± 0.095	<sup>1,2,3</sup> 0.815 ± 0.091	<sup>1,2,3</sup> 0.817 ± 0.090	<sup>1,2,3</sup> 0.875 ± 0.098	<sup>1,2,3</sup> 0.892 ± 0.080	<sup>1,2,3</sup> 0.884 ± 0.095	<sup>1,2,3</sup> 0.905 ± 0.077
<i>yeast5</i>	<sup>1,2,3</sup> 0.819 ± 0.085	<sup>1,2,3</sup> 0.818 ± 0.080	<sup>1,2,3</sup> 0.821 ± 0.077	<sup>1,2,3</sup> 0.926 ± 0.051	<sup>1,2,3</sup> 0.928 ± 0.060	<sup>1,2,3</sup> 0.934 ± 0.050	<sup>1,2,3</sup> 0.932 ± 0.060
<i>shuttle-c2-vs-c4</i>	<sup>1,2,3,5</sup> 1.000 ± 0.000	<sup>1,2,3,5</sup> 1.000 ± 0.000	<sup>1,2,3,5</sup> 1.000 ± 0.000	<sup>1,2,3,4</sup> 0.995 ± 0.034	<sup>1,2,3,4</sup> 0.995 ± 0.034	<sup>1,2,3</sup> 0.995 ± 0.034	<sup>1,2,3,5</sup> 0.995 ± 0.034
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>1</sup> 0.796 ± 0.092	<sup>1</sup> 0.811 ± 0.097	<sup>1</sup> 0.813 ± 0.097	<sup>1</sup> 0.851 ± 0.091	<sup>1</sup> 0.857 ± 0.085	<sup>1</sup> 0.843 ± 0.090	<sup>1</sup> 0.849 ± 0.083
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2,3,6,7</sup> 0.656 ± 0.070	<sup>1,2,3,6,7</sup> 0.595 ± 0.054	<sup>1,2,3,6,7</sup> 0.598 ± 0.053	<sup>1,2,3,6,7</sup> 0.653 ± 0.067	<sup>1,2,3,6,7</sup> 0.664 ± 0.075	<sup>1,2,3</sup> 0.668 ± 0.073	<sup>1,2,3</sup> 0.700 ± 0.074
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.669 ± 0.095	<sup>2,3</sup> 0.549 ± 0.052	<sup>2,3</sup> 0.549 ± 0.053	<sup>2,3</sup> 0.676 ± 0.114	<sup>2,3</sup> 0.657 ± 0.109	<sup>2,3</sup> 0.719 ± 0.092	<sup>all</sup> 0.702 ± 0.098
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3</sup> 0.622 ± 0.082	<sup>2,3</sup> 0.555 ± 0.060	<sup>2,3</sup> 0.555 ± 0.060	<sup>2,3,5</sup> 0.665 ± 0.078	<sup>2,3</sup> 0.653 ± 0.071	<sup>1,2,3,4,5</sup> 0.680 ± 0.089	<sup>1,2,3,5</sup> 0.702 ± 0.094
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.792 ± 0.090	<sup>2,3</sup> 0.837 ± 0.092	<sup>2,3</sup> 0.839 ± 0.092	<sup>1,2,3</sup> 0.889 ± 0.076	<sup>2,3</sup> 0.898 ± 0.084	<sup>1,2,3</sup> 0.892 ± 0.078	<sup>1,2,3,4,5</sup> 0.900 ± 0.085
<i>glass-0-1-5-vs-2</i>	<sup>1</sup> 0.592 ± 0.127	<sup>1</sup> 0.562 ± 0.111	<sup>1</sup> 0.563 ± 0.111	<sup>1,2,3</sup> 0.704 ± 0.134	<sup>1,2,3</sup> 0.725 ± 0.135	<sup>1,2,3</sup> 0.692 ± 0.109	<sup>1,2,3</sup> 0.722 ± 0.121
<i>yeast-2-vs-4</i>	<sup>1,2,3,6</sup> 0.844 ± 0.064	<sup>1,2,3,6</sup> 0.838 ± 0.060	<sup>1,2,3,6</sup> 0.837 ± 0.059	<sup>1,2,3,6</sup> 0.848 ± 0.066	<sup>1,2,3,6</sup> 0.848 ± 0.068	<sup>1,2,3</sup> 0.862 ± 0.077	<sup>1,2,3,6</sup> 0.867 ± 0.076
<i>glass-0-6-vs-5</i>	<sup>2,3</sup> 0.899 ± 0.171	<sup>2,3</sup> 0.900 ± 0.165	<sup>2,3</sup> 0.900 ± 0.165	<sup>1</sup> 0.795 ± 0.184	<sup>1</sup> 0.784 ± 0.192	<sup>2,3</sup> 0.786 ± 0.191	<sup>2,3</sup> 0.802 ± 0.191
<i>glass2</i>	<sup>4,5,6,7</sup> 0.561 ± 0.118	<sup>4,5,6,7</sup> 0.584 ± 0.088	<sup>4,5,6,7</sup> 0.587 ± 0.091	<sup>6</sup> 0.696 ± 0.137	<sup>1</sup> 0.738 ± 0.123	<sup>1</sup> 0.689 ± 0.119	<sup>6</sup> 0.766 ± 0.106
<i>yeast-2-vs-8</i>	<sup>1,2,3,6</sup> 0.704 ± 0.113	<sup>1,2,3,6</sup> 0.736 ± 0.122	<sup>1,2,3,6</sup> 0.736 ± 0.122	<sup>1,2,3,6</sup> 0.776 ± 0.110	<sup>1,2,3,6</sup> 0.776 ± 0.110	<sup>1,2,3</sup> 0.779 ± 0.109	<sup>1,2,3,4,6</sup> 0.776 ± 0.103
<i>vowel0</i>	<sup>1</sup> 0.963 ± 0.028	<sup>1</sup> 0.955 ± 0.029	<sup>1</sup> 0.956 ± 0.029	<sup>1,2,3</sup> 0.859 ± 0.058	<sup>1,2,3</sup> 0.852 ± 0.057	<sup>1,2,3,7</sup> 0.887 ± 0.059	<sup>1,4,5</sup> 0.875 ± 0.056
<i>glass-0-4-vs-5</i>	<sup>all</sup> 0.992 ± 0.016	<sup>4,5,6,7</sup> 0.991 ± 0.018	<sup>4,5,6,7</sup> 0.992 ± 0.016	<sup>1</sup> 0.939 ± 0.131	<sup>1</sup> 0.950 ± 0.122	<sup>4,5</sup> 0.935 ± 0.134	<sup>4,5</sup> 0.948 ± 0.126
<i>glass-0-1-4-6-vs-2</i>	<sup>1</sup> 0.573 ± 0.117	<sup>1</sup> 0.556 ± 0.101	<sup>1</sup> 0.559 ± 0.105	<sup>1</sup> 0.684 ± 0.139	<sup>6</sup> 0.700 ± 0.135	<sup>1</sup> 0.674 ± 0.142	<sup>1</sup> 0.723 ± 0.144
<i>yeast4</i>	<sup>1,2,3</sup> 0.668 ± 0.071	<sup>1,2,3</sup> 0.596 ± 0.059	<sup>1,2,3</sup> 0.594 ± 0.054	<sup>1,2,3</sup> 0.761 ± 0.072	<sup>1,2,3</sup> 0.754 ± 0.073	<sup>1,2,3</sup> 0.801 ± 0.068	<sup>1,2,3,6</sup> 0.806 ± 0.063
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.814 ± 0.102	<sup>2,3</sup> 0.850 ± 0.095	<sup>2,3</sup> 0.850 ± 0.095	<sup>1,2,3</sup> 0.890 ± 0.088	<sup>1,2,3</sup> 0.911 ± 0.083	<sup>1,2,3,4,5</sup> 0.894 ± 0.087	<sup>1,2,3,4,5</sup> 0.913 ± 0.083
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,3</sup> 0.956 ± 0.064	<sup>1,2,3</sup> 0.979 ± 0.052	<sup>1,2,3</sup> 0.979 ± 0.052	<sup>1,2,3</sup> 0.758 ± 0.109	<sup>1,2,3</sup> 0.846 ± 0.110	<sup>1,2,3</sup> 0.834 ± 0.113	<sup>1,2,3</sup> 0.887 ± 0.098
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,5,6,7</sup> 0.844 ± 0.051	<sup>1,4,5,6,7</sup> 0.872 ± 0.046	<sup>1,4,5,6,7</sup> 0.873 ± 0.046	<sup>1</sup> 0.899 ± 0.037	<sup>4</sup> 0.901 ± 0.037	<sup>4</sup> 0.894 ± 0.038	<sup>4,5,6</sup> 0.900 ± 0.039
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1</sup> 0.786 ± 0.114	<sup>1</sup> 0.810 ± 0.098	<sup>1</sup> 0.813 ± 0.099	<sup>1,2,3,6</sup> 0.855 ± 0.091	<sup>1,2,3,6</sup> 0.857 ± 0.091	<sup>1,2,3</sup> 0.850 ± 0.096	<sup>1,2,3</sup> 0.856 ± 0.092
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2,3,6</sup> 0.821 ± 0.123	<sup>1,2,3,6</sup> 0.830 ± 0.110	<sup>1,2,3,6</sup> 0.831 ± 0.110	<sup>1,2,3,6</sup> 0.829 ± 0.107	<sup>1,2,3,6,7</sup> 0.830 ± 0.105	<sup>1,2,3</sup> 0.838 ± 0.101	<sup>1,2,3,4</sup> 0.836 ± 0.103
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1</sup> 0.843 ± 0.085	<sup>1</sup> 0.853 ± 0.089	<sup>1</sup> 0.857 ± 0.086	<sup>1</sup> 0.881 ± 0.081	<sup>1</sup> 0.879 ± 0.078	<sup>1</sup> 0.898 ± 0.084	<sup>1</sup> 0.895 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1,2,3,5,7</sup> 0.813 ± 0.129	<sup>1,2,3,5,7</sup> 0.821 ± 0.101	<sup>1,2,3,5,7</sup> 0.821 ± 0.101	<sup>1</sup> 0.835 ± 0.113	<sup>1</sup> 0.842 ± 0.101	<sup>1,2,3</sup> 0.838 ± 0.106	<sup>1,2,3</sup> 0.839 ± 0.099
<i>shuttle-c0-vs-c4</i>	<sup>1,7</sup> 1.000 ± 0.000	<sup>1,7</sup> 1.000 ± 0.000	<sup>1,7</sup> 1.000 ± 0.000	<sup>1</sup> 0.998 ± 0.006	<sup>1,7</sup> 0.998 ± 0.006	<sup>1</sup> 0.998 ± 0.006	<sup>4</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>1</sup> 0.828 ± 0.116	<sup>1</sup> 0.870 ± 0.115	<sup>1</sup> 0.875 ± 0.112	<sup>1,2</sup> 0.897 ± 0.111	<sup>1,2</sup> 0.912 ± 0.112	<sup>1</sup> 0.898 ± 0.108	<sup>1</sup> 0.912 ± 0.109

Table 9: Results for AUC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.622	2.732	3.183	4.098	4.646	4.854	5.866
	—	—	2	1,2	1,2,3,4	1,2,3,4	<i>all</i>

Table 10: Results for mean ranks according to AUC metric

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.813 ± 0.193	0.830 ± 0.170	0.831 ± 0.170	0.733 ± 0.258	0.731 ± 0.253	0.732 ± 0.260	0.797 ± 0.205
<i>ecoli-0-2-3-4-vs-5</i>	<sup>4,5,6</sup> 0.834 ± 0.109	<sup>4,5,6,7</sup> 0.847 ± 0.121	<sup>4,5,6,7</sup> 0.850 ± 0.119	<sup>6</sup> 0.893 ± 0.098	<sup>1,2,3</sup> 0.901 ± 0.091	<sup>1</sup> 0.891 ± 0.099	<sup>4,6</sup> 0.899 ± 0.091
<i>glass-0-1-6-vs-2</i>	<sup>1</sup> 0.358 ± 0.310	<sup>1</sup> 0.189 ± 0.294	<sup>1</sup> 0.190 ± 0.294	<sup>1,2</sup> 0.678 ± 0.175	<sup>1,2,3</sup> 0.709 ± 0.139	<sup>1</sup> 0.643 ± 0.152	<sup>1,2</sup> 0.724 ± 0.111
<i>ecoli-0-1-vs-5</i>	<sup>2,3</sup> 0.788 ± 0.125	<sup>1</sup> 0.822 ± 0.132	<sup>1</sup> 0.824 ± 0.134	<sup>1,2,3,6</sup> 0.882 ± 0.092	<sup>1,2,3,6</sup> 0.893 ± 0.087	<sup>1,2,3</sup> 0.896 ± 0.089	<sup>1,2,3,6</sup> 0.902 ± 0.087
<i>yeast-1-4-5-8-vs-7</i>	<sup>1</sup> 0.261 ± 0.254	<sup>1</sup> 0.041 ± 0.122	<sup>1</sup> 0.041 ± 0.122	<sup>1,2,3</sup> 0.515 ± 0.150	<sup>1,2,3</sup> 0.543 ± 0.144	<sup>1,2,3</sup> 0.621 ± 0.113	<sup>1,2,3</sup> 0.611 ± 0.135
<i>ecoli4</i>	<sup>2,3</sup> 0.854 ± 0.106	<sup>1</sup> 0.854 ± 0.131	<sup>1</sup> 0.854 ± 0.131	<sup>1,2,3</sup> 0.911 ± 0.097	<sup>1,2,3,4</sup> 0.911 ± 0.115	<sup>1,2,3,4,5</sup> 0.923 ± 0.088	<sup>1,2,3,4,5</sup> 0.915 ± 0.111
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1</sup> 0.871 ± 0.081	<sup>1</sup> 0.870 ± 0.081	<sup>1</sup> 0.871 ± 0.081	<sup>1,2,3</sup> 0.516 ± 0.202	<sup>1,2,3</sup> 0.523 ± 0.192	<sup>1,2,3</sup> 0.865 ± 0.157	<sup>1,2,3</sup> 0.888 ± 0.106
<i>glass5</i>	<sup>2,3,4,5</sup> 0.729 ± 0.364	<sup>4,5</sup> 0.692 ± 0.369	<sup>4,5,6</sup> 0.692 ± 0.369	<sup>1</sup> 0.842 ± 0.276	<sup>1</sup> 0.876 ± 0.248	<sup>4,5</sup> 0.829 ± 0.271	<sup>3,4,5</sup> 0.893 ± 0.213
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1</sup> 0.796 ± 0.143	<sup>1</sup> 0.830 ± 0.145	<sup>1</sup> 0.834 ± 0.138	<sup>6</sup> 0.880 ± 0.124	<sup>1,2,3,4,6</sup> 0.895 ± 0.097	<sup>1</sup> 0.887 ± 0.116	<sup>2,3,5,6</sup> 0.900 ± 0.099
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1</sup> 0.605 ± 0.121	<sup>1</sup> 0.568 ± 0.138	<sup>1</sup> 0.564 ± 0.140	<sup>1,2,3</sup> 0.780 ± 0.057	<sup>1,2,3</sup> 0.779 ± 0.059	<sup>1,2,3</sup> 0.788 ± 0.059	<sup>1,2,3</sup> 0.794 ± 0.066
<i>yeast6</i>	<sup>1</sup> 0.670 ± 0.136	<sup>1</sup> 0.647 ± 0.137	<sup>1</sup> 0.647 ± 0.137	<sup>1,2,3</sup> 0.802 ± 0.122	<sup>1,2,3</sup> 0.793 ± 0.114	<sup>1,2,3</sup> 0.820 ± 0.098	<sup>1,2,3</sup> 0.807 ± 0.110
<i>ecoli-0-6-7-vs-5</i>	<sup>1</sup> 0.811 ± 0.182	<sup>1</sup> 0.852 ± 0.144	<sup>1</sup> 0.852 ± 0.144	<sup>1,2,3</sup> 0.851 ± 0.127	<sup>1,2,3</sup> 0.851 ± 0.124	<sup>1,2,3</sup> 0.849 ± 0.128	<sup>1,2,3</sup> 0.855 ± 0.124
<i>glass-0-1-6-vs-5</i>	<sup>1</sup> 0.729 ± 0.343	<sup>1,6</sup> 0.770 ± 0.290	<sup>1,6</sup> 0.770 ± 0.290	<sup>1,6</sup> 0.805 ± 0.273	<sup>1</sup> 0.820 ± 0.275	<sup>1</sup> 0.848 ± 0.216	<sup>2,3</sup> 0.872 ± 0.219
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1</sup> 0.695 ± 0.405	<sup>1</sup> 0.393 ± 0.452	<sup>1</sup> 0.447 ± 0.457	<sup>1</sup> 0.735 ± 0.383	<sup>4</sup> 0.732 ± 0.382	<sup>4,5</sup> 0.731 ± 0.381	<sup>6</sup> 0.722 ± 0.376
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>2</sup> 0.690 ± 0.067	<sup>1</sup> 0.680 ± 0.068	<sup>1</sup> 0.680 ± 0.065	<sup>2,3,5,6,7</sup> 0.733 ± 0.076	<sup>2,3,7</sup> 0.732 ± 0.075	<sup>2,3,7</sup> 0.740 ± 0.073	<sup>1,2,3</sup> 0.744 ± 0.077
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1</sup> 0.784 ± 0.121	<sup>1</sup> 0.786 ± 0.121	<sup>1</sup> 0.789 ± 0.119	<sup>1,2,3</sup> 0.859 ± 0.122	<sup>1,2,3</sup> 0.882 ± 0.090	<sup>1,2,3</sup> 0.871 ± 0.116	<sup>1,2,3</sup> 0.898 ± 0.085
<i>yeast5</i>	<sup>1</sup> 0.793 ± 0.113	<sup>1</sup> 0.792 ± 0.102	<sup>1</sup> 0.797 ± 0.097	<sup>1,2,3</sup> 0.922 ± 0.056	<sup>1,2,3</sup> 0.924 ± 0.067	<sup>1,2,3</sup> 0.931 ± 0.054	<sup>1,2,3</sup> 0.929 ± 0.066
<i>shuttle-c2-vs-c4</i>	<sup>1</sup> 1.000 ± 0.000	<sup>1</sup> 1.000 ± 0.000	<sup>1</sup> 1.000 ± 0.000	<sup>1,2,3</sup> 0.994 ± 0.041	<sup>1,2,3,4</sup> 0.994 ± 0.041	<sup>1,2,3</sup> 0.994 ± 0.041	<sup>1,2,3,5</sup> 0.994 ± 0.041
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>1</sup> 0.770 ± 0.117	<sup>1</sup> 0.780 ± 0.136	<sup>1</sup> 0.782 ± 0.137	<sup>1</sup> 0.831 ± 0.117	<sup>1</sup> 0.841 ± 0.105	<sup>1</sup> 0.826 ± 0.114	<sup>1</sup> 0.835 ± 0.100
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1</sup> 0.588 ± 0.119	<sup>1</sup> 0.421 ± 0.168	<sup>1</sup> 0.426 ± 0.166	<sup>1,2,3,6</sup> 0.560 ± 0.137	<sup>1,2,3,6,7</sup> 0.585 ± 0.145	<sup>1,2,3</sup> 0.601 ± 0.143	<sup>1,2,3,4</sup> 0.675 ± 0.105
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.582 ± 0.181	<sup>1</sup> 0.241 ± 0.218	<sup>1</sup> 0.241 ± 0.218	<sup>2,3</sup> 0.625 ± 0.158	<sup>2,3</sup> 0.603 ± 0.166	<sup>2,3,4</sup> 0.704 ± 0.109	<sup>all</sup> 0.687 ± 0.115
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3</sup> 0.475 ± 0.209	<sup>1</sup> 0.243 ± 0.232	<sup>1</sup> 0.243 ± 0.232	<sup>2,3,5</sup> 0.595 ± 0.124	<sup>2,3</sup> 0.570 ± 0.152	<sup>1,2,3,4,5</sup> 0.650 ± 0.119	<sup>1,2,3,4,5</sup> 0.677 ± 0.139
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.756 ± 0.151	<sup>1</sup> 0.815 ± 0.116	<sup>1</sup> 0.818 ± 0.116	<sup>1,2,3</sup> 0.879 ± 0.086	<sup>1,2,3</sup> 0.889 ± 0.096	<sup>1,2,3,4,5</sup> 0.883 ± 0.088	<sup>1,2,3,4,5</sup> 0.890 ± 0.097
<i>glass-0-1-5-vs-2</i>	<sup>1</sup> 0.389 ± 0.300	<sup>1</sup> 0.221 ± 0.305	<sup>1</sup> 0.221 ± 0.305	<sup>1,2,3</sup> 0.673 ± 0.191	<sup>1,2,3</sup> 0.702 ± 0.175	<sup>1,2,3</sup> 0.676 ± 0.108	<sup>1,2,3</sup> 0.701 ± 0.152
<i>yeast-2-vs-4</i>	<sup>2,3</sup> 0.831 ± 0.076	<sup>1</sup> 0.823 ± 0.075	<sup>1</sup> 0.822 ± 0.074	<sup>1,2,3</sup> 0.833 ± 0.078	<sup>1,2,3</sup> 0.833 ± 0.080	<sup>1,2,3</sup> 0.849 ± 0.090	<sup>1,2,3,6</sup> 0.856 ± 0.088
<i>glass-0-6-vs-5</i>	<sup>1</sup> 0.846 ± 0.301	<sup>1</sup> 0.856 ± 0.277	<sup>1</sup> 0.856 ± 0.277	<sup>1</sup> 0.691 ± 0.349	<sup>1</sup> 0.660 ± 0.373	<sup>2,3</sup> 0.703 ± 0.334	<sup>2,3</sup> 0.702 ± 0.355
<i>glass2</i>	<sup>4,5,6,7</sup> 0.276 ± 0.311	<sup>4,5,6,7</sup> 0.316 ± 0.285	<sup>4,5,6,7</sup> 0.321 ± 0.289	<sup>1</sup> 0.646 ± 0.215	<sup>1</sup> 0.715 ± 0.165	<sup>4</sup> 0.671 ± 0.147	<sup>1</sup> 0.754 ± 0.112
<i>yeast-2-vs-8</i>	<sup>1</sup> 0.598 ± 0.252	<sup>1</sup> 0.646 ± 0.238	<sup>1</sup> 0.646 ± 0.238	<sup>1,2,3</sup> 0.728 ± 0.153	<sup>1,2,3</sup> 0.728 ± 0.153	<sup>1,2,3</sup> 0.734 ± 0.151	<sup>1,2,3,4,6</sup> 0.734 ± 0.143
<i>vowel0</i>	<sup>1</sup> 0.962 ± 0.029	<sup>1</sup> 0.954 ± 0.030	<sup>1</sup> 0.955 ± 0.030	<sup>1,2,3</sup> 0.845 ± 0.071	<sup>1,2,3</sup> 0.838 ± 0.067	<sup>1,2,3,7</sup> 0.878 ± 0.069	<sup>1,4,5</sup> 0.865 ± 0.065
<i>glass-0-4-vs-5</i>	<sup>all</sup> 0.991 ± 0.017	<sup>4,5,6,7</sup> 0.991 ± 0.018	<sup>4,5,6,7</sup> 0.991 ± 0.017	<sup>1</sup> 0.913 ± 0.215	<sup>1</sup> 0.925 ± 0.211	<sup>4,5</sup> 0.910 ± 0.215	<sup>4,5</sup> 0.923 ± 0.212
<i>glass-0-1-4-6-vs-2</i>	<sup>1</sup> 0.336 ± 0.298	<sup>1</sup> 0.206 ± 0.293	<sup>1</sup> 0.210 ± 0.300	<sup>1</sup> 0.623 ± 0.244	<sup>1</sup> 0.658 ± 0.210	<sup>1</sup> 0.632 ± 0.211	<sup>1</sup> 0.696 ± 0.194
<i>yeast4</i>	<sup>1</sup> 0.581 ± 0.126	<sup>1</sup> 0.420 ± 0.151	<sup>1</sup> 0.417 ± 0.147	<sup>1,2,3</sup> 0.728 ± 0.099	<sup>1,2,3</sup> 0.718 ± 0.103	<sup>1,2,3</sup> 0.788 ± 0.084	<sup>1,2,3,4,6</sup> 0.796 ± 0.074
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.787 ± 0.136	<sup>1</sup> 0.830 ± 0.119	<sup>1</sup> 0.830 ± 0.119	<sup>1,2,3</sup> 0.880 ± 0.100	<sup>1,2,3</sup> 0.905 ± 0.092	<sup>1,2,3,4,5</sup> 0.885 ± 0.098	<sup>1,2,3,4,5</sup> 0.907 ± 0.091
<i>page-blocks-1-3-vs-4</i>	<sup>1</sup> 0.952 ± 0.072	<sup>1</sup> 0.977 ± 0.058	<sup>1</sup> 0.977 ± 0.058	<sup>1,2,3</sup> 0.699 ± 0.174	<sup>1,2,3</sup> 0.815 ± 0.169	<sup>1,2,3</sup> 0.808 ± 0.140	<sup>1,2,3</sup> 0.867 ± 0.154
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,5,6,7</sup> 0.832 ± 0.061	<sup>1,4,5,6,7</sup> 0.863 ± 0.053	<sup>1,4,5,6,7</sup> 0.864 ± 0.053	<sup>1</sup> 0.894 ± 0.041	<sup>4</sup> 0.896 ± 0.041	<sup>4</sup> 0.889 ± 0.042	<sup>4,5,6</sup> 0.896 ± 0.042
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1</sup> 0.746 ± 0.175	<sup>1</sup> 0.782 ± 0.129	<sup>1</sup> 0.784 ± 0.130	<sup>1,2,3,6</sup> 0.836 ± 0.113	<sup>1,2,3,6</sup> 0.838 ± 0.112	<sup>1,2,3</sup> 0.832 ± 0.116	<sup>1,2,3</sup> 0.839 ± 0.111
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1</sup> 0.780 ± 0.206	<sup>1</sup> 0.797 ± 0.172	<sup>1</sup> 0.797 ± 0.172	<sup>1,2,3,6</sup> 0.805 ± 0.132	<sup>1,2,3,6</sup> 0.807 ± 0.130	<sup>1,2,3</sup> 0.818 ± 0.124	<sup>1,2,3,4,5</sup> 0.817 ± 0.125
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1</sup> 0.828 ± 0.102	<sup>1</sup> 0.835 ± 0.107	<sup>1</sup> 0.840 ± 0.104	<sup>1</sup> 0.871 ± 0.094	<sup>1</sup> 0.869 ± 0.091	<sup>1</sup> 0.890 ± 0.094	<sup>1</sup> 0.888 ± 0.086
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1</sup> 0.771 ± 0.207	<sup>1</sup> 0.793 ± 0.133	<sup>1</sup> 0.794 ± 0.133	<sup>1</sup> 0.809 ± 0.145	<sup>1</sup> 0.822 ± 0.125	<sup>1,2,3,5,7</sup> 0.817 ± 0.131	<sup>1,2,3</sup> 0.822 ± 0.120
<i>shuttle-c0-vs-c4</i>	<sup>1</sup> 1.000 ± 0.000	<sup>1</sup> 1.000 ± 0.000	<sup>1</sup> 1.000 ± 0.000	<sup>1</sup> 0.998 ± 0.006	<sup>1</sup> 0.998 ± 0.006	<sup>1</sup> 0.998 ± 0.006	<sup>4,5</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>1</sup> 0.802 ± 0.148	<sup>1</sup> 0.851 ± 0.142	<sup>1</sup> 0.857 ± 0.138	<sup>1</sup> 0.883 ± 0.134	<sup>1</sup> 0.893 ± 0.169	<sup>1</sup> 0.884 ± 0.131	<sup>1</sup> 0.894 ± 0.167

Table 11: Results for GMEAN metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.744	2.622	3.098	4.049	4.585	4.902	6.000
	—	—	2	1,2	1,2,3,4	1,2,3,4	<i>all</i>

Table 12: Results for mean ranks according to GMEAN metric