

Dataset	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>glass4</i>	0.846 ± 0.136	0.847 ± 0.132	0.847 ± 0.132	0.824 ± 0.167	0.803 ± 0.168	0.820 ± 0.168	0.811 ± 0.168
<i>ecoli-0-2-3-4-vs-5</i>	<sup>5,7</sup> 0.850 ± 0.087	<sup>5,7</sup> 0.845 ± 0.097	<sup>5,7</sup> 0.845 ± 0.097	<sup>6</sup> 0.883 ± 0.093	<sup>—</sup> 0.896 ± 0.089	<sup>—</sup> 0.891 ± 0.086	<sup>—</sup> 0.898 ± 0.090
<i>glass-0-1-6-vs-2</i>	<sup>—</sup> 0.582 ± 0.128	<sup>—</sup> 0.557 ± 0.104	<sup>—</sup> 0.557 ± 0.104	<sup>1,2,3</sup> 0.672 ± 0.136	<sup>1,2,3</sup> 0.677 ± 0.143	<sup>1,2,3</sup> 0.655 ± 0.135	<sup>1,2,3</sup> 0.675 ± 0.136
<i>ecoli-0-1-vs-5</i>	<sup>—</sup> 0.814 ± 0.099	<sup>—</sup> 0.866 ± 0.099	<sup>—</sup> 0.866 ± 0.099	<sup>1,2,3,6</sup> 0.877 ± 0.089	<sup>1,2,3,7</sup> 0.892 ± 0.087	<sup>1,2,3</sup> 0.893 ± 0.086	<sup>1,2,3</sup> 0.897 ± 0.085
<i>yeast-1-4-5-8-vs-7</i>	<sup>—</sup> 0.546 ± 0.078	<sup>1</sup> 0.506 ± 0.027	<sup>1</sup> 0.506 ± 0.027	<sup>1</sup> 0.566 ± 0.075	<sup>1,2,3</sup> 0.549 ± 0.072	<sup>1,2,3</sup> 0.576 ± 0.088	<sup>1,2,3</sup> 0.566 ± 0.080
<i>ecoli4</i>	<sup>2,3</sup> 0.868 ± 0.091	<sup>—</sup> 0.873 ± 0.105	<sup>—</sup> 0.873 ± 0.105	<sup>2,3</sup> 0.900 ± 0.094	<sup>2,3</sup> 0.910 ± 0.100	<sup>2,3,5</sup> 0.900 ± 0.094	<sup>2,3,5</sup> 0.908 ± 0.100
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>—</sup> 0.881 ± 0.072	<sup>—</sup> 0.881 ± 0.074	<sup>—</sup> 0.881 ± 0.074	<sup>1,2,3,6</sup> 0.640 ± 0.084	<sup>1,2,3,6,7</sup> 0.643 ± 0.080	<sup>1,2,3</sup> 0.866 ± 0.113	<sup>1,2,3</sup> 0.861 ± 0.109
<i>glass5</i>	<sup>4,5,6,7</sup> 0.831 ± 0.189	<sup>1,4,5</sup> 0.847 ± 0.179	<sup>1,4,5</sup> 0.847 ± 0.179	<sup>—</sup> 0.880 ± 0.173	<sup>—</sup> 0.926 ± 0.140	<sup>4,5</sup> 0.889 ± 0.171	<sup>4,5</sup> 0.928 ± 0.147
<i>ecoli-0-3-4-6-vs-5</i>	<sup>—</sup> 0.821 ± 0.111	<sup>—</sup> 0.834 ± 0.114	<sup>—</sup> 0.834 ± 0.114	<sup>—</sup> 0.889 ± 0.111	<sup>1,2,3,4,6</sup> 0.893 ± 0.105	<sup>4</sup> 0.892 ± 0.102	<sup>1,2,3,6</sup> 0.893 ± 0.105
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>—</sup> 0.670 ± 0.077	<sup>—</sup> 0.666 ± 0.090	<sup>—</sup> 0.665 ± 0.090	<sup>1,2,3</sup> 0.780 ± 0.055	<sup>1,2,3</sup> 0.770 ± 0.066	<sup>1,2,3</sup> 0.779 ± 0.062	<sup>1,2,3</sup> 0.775 ± 0.073
<i>yeast6</i>	<sup>—</sup> 0.729 ± 0.089	<sup>—</sup> 0.711 ± 0.086	<sup>—</sup> 0.711 ± 0.086	<sup>1,2,3</sup> 0.794 ± 0.090	<sup>1,2,3</sup> 0.794 ± 0.100	<sup>1,2,3</sup> 0.803 ± 0.082	<sup>1,2,3</sup> 0.799 ± 0.096
<i>ecoli-0-6-7-vs-5</i>	<sup>—</sup> 0.842 ± 0.121	<sup>—</sup> 0.865 ± 0.122	<sup>—</sup> 0.865 ± 0.122	<sup>1,2,3</sup> 0.871 ± 0.102	<sup>1,2,3</sup> 0.868 ± 0.104	<sup>1,2,3</sup> 0.871 ± 0.104	<sup>1,2,3,5</sup> 0.866 ± 0.105
<i>glass-0-1-6-vs-5</i>	<sup>—</sup> 0.822 ± 0.182	<sup>1</sup> 0.903 ± 0.137	<sup>1</sup> 0.903 ± 0.137	<sup>1,7</sup> 0.852 ± 0.166	<sup>7</sup> 0.905 ± 0.139	<sup>—</sup> 0.858 ± 0.165	<sup>—</sup> 0.911 ± 0.129
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>—</sup> 0.820 ± 0.209	<sup>1,6</sup> 0.718 ± 0.221	<sup>1,6</sup> 0.718 ± 0.221	<sup>—</sup> 0.844 ± 0.200	<sup>1,4,6</sup> 0.843 ± 0.201	<sup>—</sup> 0.842 ± 0.199	<sup>1,6</sup> 0.838 ± 0.198
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>—</sup> 0.725 ± 0.050	<sup>—</sup> 0.720 ± 0.049	<sup>—</sup> 0.720 ± 0.049	<sup>1,2,3,6,7</sup> 0.758 ± 0.055	<sup>1,2,3,7</sup> 0.754 ± 0.057	<sup>7</sup> 0.762 ± 0.056	<sup>2,3</sup> 0.758 ± 0.059
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>—</sup> 0.809 ± 0.095	<sup>—</sup> 0.820 ± 0.087	<sup>—</sup> 0.820 ± 0.087	<sup>1,2,3</sup> 0.864 ± 0.105	<sup>1,2,3</sup> 0.891 ± 0.081	<sup>1,2,3</sup> 0.874 ± 0.095	<sup>1,2,3</sup> 0.889 ± 0.084
<i>yeast5</i>	<sup>—</sup> 0.819 ± 0.085	<sup>—</sup> 0.810 ± 0.078	<sup>—</sup> 0.810 ± 0.078	<sup>1,2,3</sup> 0.900 ± 0.068	<sup>1,2,3,7</sup> 0.913 ± 0.056	<sup>1,2,3</sup> 0.908 ± 0.067	<sup>1,2,3</sup> 0.915 ± 0.057
<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> 0.970 ± 0.107	<sup>1,2,3,4</sup> 0.970 ± 0.107	<sup>1,2,3</sup> 0.970 ± 0.107	<sup>1,2,3,5</sup> 0.970 ± 0.107
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>—</sup> 0.796 ± 0.092	<sup>—</sup> 0.804 ± 0.095	<sup>—</sup> 0.809 ± 0.097	<sup>—</sup> 0.843 ± 0.091	<sup>—</sup> 0.853 ± 0.078	<sup>—</sup> 0.835 ± 0.094	<sup>—</sup> 0.844 ± 0.080
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>—</sup> 0.656 ± 0.070	<sup>—</sup> 0.596 ± 0.055	<sup>—</sup> 0.596 ± 0.055	<sup>1,2,3,6</sup> 0.647 ± 0.064	<sup>1,2,3,6,7</sup> 0.647 ± 0.073	<sup>1,2,3</sup> 0.656 ± 0.077	<sup>1,2,3</sup> 0.668 ± 0.079
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.669 ± 0.095	<sup>—</sup> 0.551 ± 0.048	<sup>—</sup> 0.551 ± 0.048	<sup>2,3</sup> 0.664 ± 0.095	<sup>2,3</sup> 0.642 ± 0.102	<sup>2,3</sup> 0.690 ± 0.103	<sup>2,3,5</sup> 0.669 ± 0.102
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3,5</sup> 0.622 ± 0.082	<sup>—</sup> 0.566 ± 0.059	<sup>—</sup> 0.566 ± 0.059	<sup>2,3</sup> 0.639 ± 0.092	<sup>2,3</sup> 0.618 ± 0.083	<sup>2,3,4,5</sup> 0.659 ± 0.111	<sup>2,3,5</sup> 0.654 ± 0.096
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.792 ± 0.090	<sup>—</sup> 0.828 ± 0.097	<sup>—</sup> 0.828 ± 0.097	<sup>2,3</sup> 0.877 ± 0.076	<sup>2,3</sup> 0.883 ± 0.084	<sup>1,2,3,5</sup> 0.886 ± 0.079	<sup>1,2,3,5</sup> 0.885 ± 0.085
<i>glass-0-1-5-vs-2</i>	<sup>—</sup> 0.592 ± 0.127	<sup>1</sup> 0.567 ± 0.104	<sup>1</sup> 0.567 ± 0.104	<sup>1,2,3</sup> 0.651 ± 0.119	<sup>1,2,3</sup> 0.689 ± 0.135	<sup>1,2,3</sup> 0.656 ± 0.115	<sup>1,2,3</sup> 0.701 ± 0.132
<i>yeast-2-vs-4</i>	<sup>—</sup> 0.844 ± 0.064	<sup>—</sup> 0.816 ± 0.074	<sup>—</sup> 0.816 ± 0.074	<sup>1,2,3</sup> 0.846 ± 0.064	<sup>1,2,3</sup> 0.845 ± 0.065	<sup>1,2,3</sup> 0.858 ± 0.068	<sup>1,2,3,4</sup> 0.851 ± 0.068
<i>glass-0-6-vs-5</i>	<sup>2,3</sup> 0.899 ± 0.171	<sup>—</sup> 0.946 ± 0.137	<sup>—</sup> 0.946 ± 0.137	<sup>2,3</sup> 0.834 ± 0.187	<sup>2,3</sup> 0.863 ± 0.175	<sup>2,3,7</sup> 0.831 ± 0.189	<sup>2,3</sup> 0.862 ± 0.175
<i>glass2</i>	<sup>—</sup> 0.561 ± 0.118	<sup>4,6</sup> 0.584 ± 0.094	<sup>4,6</sup> 0.584 ± 0.094	<sup>—</sup> 0.679 ± 0.130	<sup>6</sup> 0.690 ± 0.134	<sup>—</sup> 0.689 ± 0.141	<sup>6</sup> 0.707 ± 0.139
<i>yeast-2-vs-8</i>	<sup>—</sup> 0.704 ± 0.113	<sup>1</sup> 0.708 ± 0.134	<sup>1</sup> 0.708 ± 0.134	<sup>1,2,3</sup> 0.776 ± 0.110	<sup>1,2,3</sup> 0.776 ± 0.110	<sup>1,2,3</sup> 0.778 ± 0.111	<sup>1,2,3</sup> 0.776 ± 0.110
<i>vowel0</i>	<sup>—</sup> 0.963 ± 0.028	<sup>1</sup> 0.954 ± 0.032	<sup>1</sup> 0.954 ± 0.032	<sup>1,2,3,7</sup> 0.903 ± 0.051	<sup>1,2,3,7</sup> 0.890 ± 0.051	<sup>1,2,3</sup> 0.920 ± 0.041	<sup>1,2,3</sup> 0.904 ± 0.049
<i>glass-0-4-vs-5</i>	<sup>4,5,6,7</sup> 0.992 ± 0.016	<sup>4,5,6,7</sup> 0.989 ± 0.021	<sup>4,5,6,7</sup> 0.989 ± 0.021	<sup>—</sup> 0.985 ± 0.077	<sup>—</sup> 0.985 ± 0.077	<sup>4,5,7</sup> 0.984 ± 0.081	<sup>5</sup> 0.984 ± 0.081
<i>glass-0-1-4-6-vs-2</i>	<sup>4,5,6,7</sup> 0.573 ± 0.117	<sup>4,5,6,7</sup> 0.566 ± 0.119	<sup>4,5,6,7</sup> 0.569 ± 0.118	<sup>—</sup> 0.672 ± 0.121	<sup>—</sup> 0.660 ± 0.115	<sup>—</sup> 0.665 ± 0.129	<sup>—</sup> 0.667 ± 0.135
<i>yeast4</i>	<sup>—</sup> 0.668 ± 0.071	<sup>—</sup> 0.599 ± 0.064	<sup>—</sup> 0.596 ± 0.064	<sup>1,2,3</sup> 0.726 ± 0.066	<sup>1,2,3</sup> 0.720 ± 0.063	<sup>1,2,3</sup> 0.745 ± 0.064	<sup>1,2,3</sup> 0.745 ± 0.081
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.814 ± 0.102	<sup>—</sup> 0.834 ± 0.098	<sup>—</sup> 0.834 ± 0.098	<sup>1,2,3</sup> 0.879 ± 0.098	<sup>1,2,3</sup> 0.887 ± 0.093	<sup>1,2,3,4,5</sup> 0.883 ± 0.098	<sup>1,2,3,5</sup> 0.889 ± 0.093
<i>page-blocks-1-3-vs-4</i>	<sup>—</sup> 0.956 ± 0.064	<sup>1</sup> 0.976 ± 0.054	<sup>1</sup> 0.976 ± 0.054	<sup>1,2,3</sup> 0.864 ± 0.105	<sup>1,2,3</sup> 0.923 ± 0.087	<sup>1,2,3</sup> 0.870 ± 0.104	<sup>1,2,3</sup> 0.934 ± 0.076
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,6</sup> 0.844 ± 0.051	<sup>1,4,5,6,7</sup> 0.857 ± 0.055	<sup>1,4,5,6,7</sup> 0.856 ± 0.055	<sup>—</sup> 0.897 ± 0.040	<sup>4,6</sup> 0.898 ± 0.040	<sup>—</sup> 0.894 ± 0.042	<sup>4,6</sup> 0.897 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	<sup>—</sup> 0.786 ± 0.114	<sup>—</sup> 0.818 ± 0.100	<sup>—</sup> 0.818 ± 0.100	<sup>1,2,3</sup> 0.846 ± 0.097	<sup>1,2,3</sup> 0.845 ± 0.098	<sup>1,2,3</sup> 0.846 ± 0.096	<sup>1,2,3</sup> 0.832 ± 0.103
<i>ecoli-0-6-7-vs-3-5</i>	<sup>—</sup> 0.821 ± 0.123	<sup>—</sup> 0.795 ± 0.131	<sup>—</sup> 0.797 ± 0.126	<sup>1,2,3,6,7</sup> 0.833 ± 0.105	<sup>1,2,3,7</sup> 0.829 ± 0.102	<sup>1,2,3</sup> 0.841 ± 0.104	<sup>1</sup> 0.834 ± 0.108
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>—</sup> 0.843 ± 0.085	<sup>—</sup> 0.855 ± 0.093	<sup>—</sup> 0.855 ± 0.093	<sup>—</sup> 0.875 ± 0.085	<sup>—</sup> 0.881 ± 0.086	<sup>—</sup> 0.883 ± 0.086	<sup>—</sup> 0.883 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>—</sup> 0.813 ± 0.129	<sup>—</sup> 0.804 ± 0.111	<sup>—</sup> 0.804 ± 0.111	<sup>1</sup> 0.838 ± 0.110	<sup>1</sup> 0.839 ± 0.107	<sup>1,2,3</sup> 0.839 ± 0.105	<sup>1</sup> 0.841 ± 0.099
<i>shuttle-c0-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> 0.998 ± 0.006	<sup>1</sup> 0.998 ± 0.006	<sup>1,2,3</sup> 0.998 ± 0.006	<sup>1,4,6</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>—</sup> 0.828 ± 0.116	<sup>—</sup> 0.857 ± 0.116	<sup>—</sup> 0.857 ± 0.116	<sup>—</sup> 0.888 ± 0.121	<sup>—</sup> 0.894 ± 0.126	<sup>—</sup> 0.895 ± 0.118	<sup>—</sup> 0.893 ± 0.127
	<sup>—</sup>	<sup>1</sup>	<sup>1</sup>	<sup>1,2,3</sup>	<sup>1,2,3</sup>	<sup>1,2,3</sup>	<sup>1,2,3</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>	2.902	2.805	2.878	4.280	4.707	5.073	5.354
	—	—	—	1,2,3	1,2,3	1,2,3,4	1,2,3,4,5

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	0.694 ± 0.228	0.694 ± 0.228	0.594 ± 0.258	0.585 ± 0.288	0.576 ± 0.256	0.589 ± 0.283
<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> 0.746 ± 0.151	<sup>4,5,6,7</sup> 0.746 ± 0.151	<sup>1,2,3</sup> 0.813 ± 0.140	<sup>1,2,3</sup> 0.830 ± 0.143	<sup>1,2,3</sup> 0.822 ± 0.128	<sup>1,2,3</sup> 0.830 ± 0.143
<i>glass-0-1-6-vs-2</i>	<sup>1,2,3,6</sup> 0.225 ± 0.219	<sup>1,2,3,6</sup> 0.182 ± 0.237	<sup>1,2,3,6</sup> 0.182 ± 0.237	<sup>1,2,3,6</sup> 0.323 ± 0.170	<sup>1,2,3,6</sup> 0.314 ± 0.178	<sup>1,2,3,6</sup> 0.282 ± 0.146	<sup>1,2,3,6</sup> 0.299 ± 0.153
<i>ecoli-0-1-vs-5</i>	<sup>1,2,3,6</sup> 0.666 ± 0.143	<sup>1,2,3,6</sup> 0.780 ± 0.142	<sup>1,2,3,6</sup> 0.780 ± 0.142	<sup>1,2,3,6</sup> 0.822 ± 0.124	<sup>1,2,3,6</sup> 0.844 ± 0.118	<sup>1,2,3,6</sup> 0.830 ± 0.111	<sup>1,2,3,6</sup> 0.846 ± 0.115
<i>yeast-1-4-5-8-vs-7</i>	<sup>1,2,3,6</sup> 0.119 ± 0.133	<sup>1,2,3,6</sup> 0.031 ± 0.083	<sup>1,2,3,6</sup> 0.031 ± 0.083	<sup>1,2,3,6</sup> 0.147 ± 0.107	<sup>1,2,3,6</sup> 0.126 ± 0.109	<sup>1,2,3,6</sup> 0.132 ± 0.077	<sup>1,2,3,6</sup> 0.130 ± 0.078
<i>ecoli4</i>	<sup>2,3</sup> 0.732 ± 0.138	<sup>2,3</sup> 0.767 ± 0.162	<sup>2,3</sup> 0.767 ± 0.162	<sup>2,3</sup> 0.847 ± 0.134	<sup>2,3</sup> 0.851 ± 0.141	<sup>2,3</sup> 0.817 ± 0.134	<sup>2,3</sup> 0.831 ± 0.141
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1,2,3,6</sup> 0.778 ± 0.109	<sup>1,2,3,6</sup> 0.706 ± 0.100	<sup>1,2,3,6</sup> 0.708 ± 0.103	<sup>1,2,3,6</sup> 0.386 ± 0.189	<sup>1,2,3,6</sup> 0.393 ± 0.185	<sup>1,2,3,6</sup> 0.713 ± 0.173	<sup>1,2,3,6</sup> 0.706 ± 0.155
<i>glass5</i>	<sup>all</sup> 0.657 ± 0.346	<sup>4,5</sup> 0.701 ± 0.326	<sup>4,5</sup> 0.701 ± 0.326	<sup>1,2,3,6</sup> 0.717 ± 0.306	<sup>1,2,3,6</sup> 0.810 ± 0.252	<sup>4,5</sup> 0.670 ± 0.298	<sup>4,5</sup> 0.773 ± 0.276
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1,2,3,6</sup> 0.665 ± 0.186	<sup>1,2,3,6</sup> 0.722 ± 0.187	<sup>1,2,3,6</sup> 0.722 ± 0.187	<sup>1,2,3,6</sup> 0.802 ± 0.169	<sup>1,2,3,6</sup> 0.805 ± 0.167	<sup>1,2,3,6</sup> 0.803 ± 0.154	<sup>1,2,3,6</sup> 0.804 ± 0.169
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,2,3,6</sup> 0.391 ± 0.122	<sup>1,2,3,6</sup> 0.420 ± 0.182	<sup>1,2,3,6</sup> 0.418 ± 0.182	<sup>1,2,3,6</sup> 0.565 ± 0.086	<sup>1,2,3,6</sup> 0.547 ± 0.102	<sup>1,2,3,6</sup> 0.499 ± 0.086	<sup>1,2,3,6</sup> 0.491 ± 0.103
<i>yeast6</i>	<sup>1,2,3,6</sup> 0.422 ± 0.135	<sup>1,2,3,6</sup> 0.493 ± 0.161	<sup>1,2,3,6</sup> 0.493 ± 0.161	<sup>1,2,3,6</sup> 0.509 ± 0.130	<sup>1,2,3,6</sup> 0.534 ± 0.142	<sup>1,2,3,6</sup> 0.441 ± 0.107	<sup>1,2,3,6</sup> 0.473 ± 0.131
<i>ecoli-0-6-7-vs-5</i>	<sup>1,6</sup> 0.726 ± 0.208	<sup>1,6</sup> 0.773 ± 0.195	<sup>1,6</sup> 0.773 ± 0.195	<sup>1,6</sup> 0.793 ± 0.159	<sup>1,6</sup> 0.781 ± 0.167	<sup>1,6</sup> 0.778 ± 0.164	<sup>1,6</sup> 0.758 ± 0.165
<i>glass-0-1-6-vs-5</i>	<sup>1,7</sup> 0.631 ± 0.314	<sup>1,7</sup> 0.767 ± 0.239	<sup>1,7</sup> 0.767 ± 0.239	<sup>1,7</sup> 0.671 ± 0.288	<sup>1,7</sup> 0.792 ± 0.242	<sup>1,7</sup> 0.644 ± 0.288	<sup>1,7</sup> 0.772 ± 0.229
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1,6</sup> 0.513 ± 0.327	<sup>1,6</sup> 0.437 ± 0.426	<sup>1,6</sup> 0.437 ± 0.426	<sup>1,6</sup> 0.620 ± 0.355	<sup>1,6</sup> 0.617 ± 0.361	<sup>1,6</sup> 0.566 ± 0.329	<sup>1,6</sup> 0.547 ± 0.346
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>1,2,3,6,7</sup> 0.491 ± 0.084	<sup>1,2,3,6,7</sup> 0.542 ± 0.093	<sup>1,2,3,6,7</sup> 0.542 ± 0.093	<sup>1,2,3,6,7</sup> 0.618 ± 0.096	<sup>1,2,3,6,7</sup> 0.609 ± 0.100	<sup>1,2,3,6,7</sup> 0.609 ± 0.098	<sup>1,2,3,6,7</sup> 0.586 ± 0.108
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>1,2,3,7</sup> 0.612 ± 0.134	<sup>1,2,3,7</sup> 0.716 ± 0.143	<sup>1,2,3,7</sup> 0.716 ± 0.143	<sup>1,2,3,7</sup> 0.784 ± 0.145	<sup>1,2,3,7</sup> 0.823 ± 0.116	<sup>1,2,3,7</sup> 0.771 ± 0.136	<sup>1,2,3,7</sup> 0.789 ± 0.121
<i>yeast5</i>	<sup>1,2,3,6,7</sup> 0.658 ± 0.137	<sup>1,2,3,6,7</sup> 0.666 ± 0.114	<sup>1,2,3,6,7</sup> 0.666 ± 0.114	<sup>1,2,3,6,7</sup> 0.723 ± 0.103	<sup>1,2,3,6,7</sup> 0.753 ± 0.089	<sup>1,2,3,6,7</sup> 0.712 ± 0.109	<sup>1,2,3,6,7</sup> 0.735 ± 0.092
<i>shuttle-c2-vs-c4</i>	<sup>all</sup> 1.000 ± 0.000	<sup>all</sup> 1.000 ± 0.000	<sup>all</sup> 1.000 ± 0.000	<sup>all</sup> 0.947 ± 0.203	<sup>all</sup> 0.947 ± 0.203	<sup>all</sup> 0.947 ± 0.203	<sup>all</sup> 0.947 ± 0.203
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>1,2,3,6,7</sup> 0.611 ± 0.148	<sup>1,2,3,6,7</sup> 0.667 ± 0.153	<sup>1,2,3,6,7</sup> 0.674 ± 0.152	<sup>1,2,3,6,7</sup> 0.761 ± 0.139	<sup>1,2,3,6,7</sup> 0.783 ± 0.116	<sup>1,2,3,6,7</sup> 0.695 ± 0.158	<sup>1,2,3,6,7</sup> 0.712 ± 0.122
<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> 0.288 ± 0.127	<sup>1,2,3,6,7</sup> 0.288 ± 0.127	<sup>1,2,3,6,7</sup> 0.397 ± 0.135	<sup>1,2,3,6,7</sup> 0.377 ± 0.139	<sup>1,2,3,6,7</sup> 0.380 ± 0.135	<sup>1,2,3,6,7</sup> 0.355 ± 0.116
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.353 ± 0.151	<sup>2,3</sup> 0.169 ± 0.137	<sup>2,3</sup> 0.169 ± 0.137	<sup>2,3</sup> 0.318 ± 0.134	<sup>2,3</sup> 0.287 ± 0.146	<sup>2,3</sup> 0.301 ± 0.112	<sup>2,3</sup> 0.278 ± 0.113
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3,5,6,7</sup> 0.233 ± 0.137	<sup>2,3,5,6,7</sup> 0.200 ± 0.167	<sup>2,3,5,6,7</sup> 0.200 ± 0.167	<sup>2,3,5,6,7</sup> 0.262 ± 0.149	<sup>2,3,5,6,7</sup> 0.226 ± 0.130	<sup>2,3,5,6,7</sup> 0.199 ± 0.107	<sup>2,3,5,6,7</sup> 0.195 ± 0.089
<i>ecoli-0-1-4-6-vs-5</i>	<sup>6,7</sup> 0.606 ± 0.149	<sup>6,7</sup> 0.713 ± 0.153	<sup>6,7</sup> 0.713 ± 0.153	<sup>6,7</sup> 0.801 ± 0.119	<sup>6,7</sup> 0.812 ± 0.123	<sup>6,7</sup> 0.802 ± 0.123	<sup>6,7</sup> 0.813 ± 0.124
<i>glass-0-1-5-vs-2</i>	<sup>1</sup> 0.249 ± 0.210	<sup>1</sup> 0.202 ± 0.231	<sup>1</sup> 0.202 ± 0.231	<sup>1,2,3</sup> 0.307 ± 0.153	<sup>1,2,3</sup> 0.345 ± 0.160	<sup>1,2,3</sup> 0.292 ± 0.112	<sup>1,2,3</sup> 0.349 ± 0.145
<i>yeast-2-vs-4</i>	<sup>2,3</sup> 0.707 ± 0.087	<sup>2,3</sup> 0.699 ± 0.118	<sup>2,3</sup> 0.699 ± 0.118	<sup>2,3</sup> 0.763 ± 0.093	<sup>2,3</sup> 0.765 ± 0.091	<sup>2,3</sup> 0.765 ± 0.092	<sup>2,3</sup> 0.748 ± 0.093
<i>glass-0-6-vs-5</i>	<sup>1,2,3,6</sup> 0.793 ± 0.302	<sup>1,2,3,6</sup> 0.867 ± 0.251	<sup>1,2,3,6</sup> 0.867 ± 0.251	<sup>1,2,3,6</sup> 0.699 ± 0.350	<sup>1,2,3,6</sup> 0.772 ± 0.320	<sup>1,2,3,6</sup> 0.686 ± 0.351	<sup>1,2,3,6</sup> 0.765 ± 0.319
<i>glass2</i>	<sup>6</sup> 0.167 ± 0.204	<sup>6</sup> 0.230 ± 0.220	<sup>6</sup> 0.231 ± 0.221	<sup>6</sup> 0.346 ± 0.197	<sup>6</sup> 0.344 ± 0.180	<sup>6</sup> 0.312 ± 0.158	<sup>6</sup> 0.338 ± 0.158
<i>yeast-2-vs-8</i>	<sup>1,2,3,6</sup> 0.408 ± 0.199	<sup>1,2,3,6</sup> 0.511 ± 0.281	<sup>1,2,3,6</sup> 0.511 ± 0.281	<sup>1,2,3,6</sup> 0.668 ± 0.193	<sup>1,2,3,6</sup> 0.668 ± 0.193	<sup>1,2,3,6</sup> 0.656 ± 0.197	<sup>1,2,3,6</sup> 0.634 ± 0.193
<i>vowel0</i>	<sup>1,2,3,7</sup> 0.921 ± 0.045	<sup>1,2,3,7</sup> 0.911 ± 0.049	<sup>1,2,3,7</sup> 0.912 ± 0.049	<sup>1,2,3,7</sup> 0.865 ± 0.066	<sup>1,2,3,7</sup> 0.850 ± 0.063	<sup>1,2,3,7</sup> 0.882 ± 0.055	<sup>1,2,3,7</sup> 0.861 ± 0.063
<i>glass-0-4-vs-5</i>	<sup>4,5,6,7</sup> 0.942 ± 0.109	<sup>4,5,6,7</sup> 0.927 ± 0.133	<sup>4,5,6,7</sup> 0.927 ± 0.133	<sup>4,5,6,7</sup> 0.973 ± 0.146	<sup>4,5,6,7</sup> 0.973 ± 0.146	<sup>4,5,6,7</sup> 0.973 ± 0.146	<sup>4,5,6,7</sup> 0.973 ± 0.146
<i>glass-0-1-4-6-vs-2</i>	<sup>1,2,3</sup> 0.220 ± 0.210	<sup>1,2,3</sup> 0.189 ± 0.253	<sup>1,2,3</sup> 0.196 ± 0.253	<sup>1,2,3</sup> 0.330 ± 0.171	<sup>1,2,3</sup> 0.298 ± 0.147	<sup>1,2,3</sup> 0.281 ± 0.131	<sup>1,2,3</sup> 0.294 ± 0.151
<i>yeast4</i>	<sup>1,2,3,6</sup> 0.336 ± 0.122	<sup>1,2,3,6</sup> 0.266 ± 0.151	<sup>1,2,3,6</sup> 0.259 ± 0.153	<sup>1,2,3,6</sup> 0.420 ± 0.103	<sup>1,2,3,6</sup> 0.409 ± 0.103	<sup>1,2,3,6</sup> 0.353 ± 0.081	<sup>1,2,3,6</sup> 0.353 ± 0.097
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.667 ± 0.159	<sup>2,3</sup> 0.720 ± 0.160	<sup>2,3</sup> 0.720 ± 0.160	<sup>2,3</sup> 0.798 ± 0.153	<sup>2,3</sup> 0.810 ± 0.146	<sup>2,3</sup> 0.799 ± 0.157	<sup>2,3</sup> 0.813 ± 0.146
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,3</sup> 0.903 ± 0.084	<sup>1,2,3</sup> 0.943 ± 0.080	<sup>1,2,3</sup> 0.943 ± 0.080	<sup>1,2,3</sup> 0.803 ± 0.150	<sup>1,2,3</sup> 0.903 ± 0.115	<sup>1,2,3</sup> 0.780 ± 0.173	<sup>1,2,3</sup> 0.915 ± 0.098
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,6</sup> 0.711 ± 0.076	<sup>1,4,5,6</sup> 0.768 ± 0.082	<sup>1,4,5,6</sup> 0.767 ± 0.082	<sup>6</sup> 0.820 ± 0.059	<sup>4,6</sup> 0.822 ± 0.061	<sup>4,6</sup> 0.806 ± 0.067	<sup>4,6</sup> 0.812 ± 0.060
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1,2,3,6</sup> 0.599 ± 0.183	<sup>1,2,3,6</sup> 0.699 ± 0.177	<sup>1,2,3,6</sup> 0.699 ± 0.177	<sup>1,2,3,6</sup> 0.782 ± 0.150	<sup>1,2,3,6</sup> 0.784 ± 0.156	<sup>1,2,3,6</sup> 0.746 ± 0.152	<sup>1,2,3,6</sup> 0.727 ± 0.168
<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> 0.659 ± 0.244	<sup>1,2,3,6,7</sup> 0.665 ± 0.231	<sup>1,2,3,6,7</sup> 0.731 ± 0.163	<sup>1,2,3,6,7</sup> 0.719 ± 0.168	<sup>1,2,3,6,7</sup> 0.731 ± 0.170	<sup>1,2,3,6,7</sup> 0.705 ± 0.188
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1</sup> 0.686 ± 0.108	<sup>1</sup> 0.770 ± 0.137	<sup>1</sup> 0.770 ± 0.137	<sup>1</sup> 0.789 ± 0.121	<sup>1</sup> 0.796 ± 0.136	<sup>1</sup> 0.784 ± 0.126	<sup>1</sup> 0.776 ± 0.123
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1</sup> 0.664 ± 0.218	<sup>1</sup> 0.682 ± 0.195	<sup>1</sup> 0.682 ± 0.195	<sup>1</sup> 0.754 ± 0.185	<sup>1</sup> 0.742 ± 0.178	<sup>1</sup> 0.737 ± 0.178	<sup>1</sup> 0.714 ± 0.168
<i>shuttle-c0-vs-c4</i>	<sup>1,2,3,7</sup> 1.000 ± 0.000	<sup>1,2,3,7</sup> 1.000 ± 0.000	<sup>1,2,3,7</sup> 1.000 ± 0.000	<sup>1,2,3,7</sup> 0.998 ± 0.006	<sup>1,2,3,7</sup> 0.998 ± 0.006	<sup>1,2,3,7</sup> 0.998 ± 0.006	<sup>1,2,3,7</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>1,2,3</sup> 0.683 ± 0.176	<sup>1,2,3</sup> 0.756 ± 0.193	<sup>1,2,3</sup> 0.756 ± 0.193	<sup>1,2,3</sup> 0.810 ± 0.184	<sup>1,2,3</sup> 0.807 ± 0.208	<sup>1,2,3</sup> 0.814 ± 0.178	<sup>1,2,3</sup> 0.798 ± 0.210

Table 3: Results for F1 metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.561	2.927	3.024	5.268	5.512	4.232	4.476
	—	—	—	1,2,3,6	1,2,3,6,7	1,2,3	1,2,3

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>	0.734 ± 0.282 <sup>4,5,6,7</sup>	0.734 ± 0.282 <sup>4,5,6,7</sup>	0.587 ± 0.294 <sup>—</sup>	0.591 ± 0.307 <sup>—</sup>	0.557 ± 0.285 <sup>—</sup>	0.581 ± 0.305 <sup>—</sup>
<i>ecoli-0-2-3-4-vs-5</i>	0.769 ± 0.174 <sup>—</sup>	0.832 ± 0.177 <sup>1</sup>	0.832 ± 0.177 <sup>1</sup>	0.875 ± 0.138 <sup>1</sup>	0.879 ± 0.152 <sup>1</sup>	0.873 ± 0.131 <sup>1</sup>	0.875 ± 0.152 <sup>1</sup>
<i>glass-0-1-6-vs-2</i>	0.237 ± 0.249 <sup>—</sup>	0.271 ± 0.376 <sup>—</sup>	0.271 ± 0.376 <sup>—</sup>	0.255 ± 0.139 <sup>6</sup>	0.233 ± 0.141 <sup>7</sup>	0.204 ± 0.122 <sup>—</sup>	0.212 ± 0.114 <sup>—</sup>
<i>ecoli-0-1-vs-5</i>	0.731 ± 0.181 <sup>—</sup>	0.875 ± 0.146 <sup>1</sup>	0.875 ± 0.146 <sup>1</sup>	0.933 ± 0.121 <sup>1,2,3</sup>	0.940 ± 0.110 <sup>1,2,3</sup>	0.910 ± 0.125 <sup>1</sup>	0.935 ± 0.115 <sup>1,2,3</sup>
<i>yeast-1-4-5-8-vs-7</i>	0.112 ± 0.127 <sup>2,3</sup>	0.077 ± 0.226 <sup>—</sup>	0.077 ± 0.226 <sup>—</sup>	0.122 ± 0.110 <sup>2,3,6,7</sup>	0.105 ± 0.094 <sup>2,3</sup>	0.086 ± 0.052 <sup>2,3</sup>	0.088 ± 0.054 <sup>2,3</sup>
<i>ecoli4</i>	0.743 ± 0.176 <sup>—</sup>	0.829 ± 0.187 <sup>1</sup>	0.829 ± 0.187 <sup>1</sup>	0.925 ± 0.121 <sup>1,2,3,6,7</sup>	0.922 ± 0.124 <sup>1,2,3,6,7</sup>	0.859 ± 0.144 <sup>1</sup>	0.879 ± 0.139 <sup>1</sup>
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.797 ± 0.142 <sup>all</sup>	0.644 ± 0.113 <sup>—</sup>	0.647 ± 0.115 <sup>—</sup>	0.679 ± 0.285 <sup>—</sup>	0.641 ± 0.274 <sup>—</sup>	0.710 ± 0.162 <sup>2,3</sup>	0.717 ± 0.121 <sup>2,3</sup>
<i>glass5</i>	0.707 ± 0.382 <sup>—</sup>	0.763 ± 0.357 <sup>6</sup>	0.763 ± 0.357 <sup>6</sup>	0.723 ± 0.332 <sup>6</sup>	0.813 ± 0.278 <sup>6,7</sup>	0.616 ± 0.315 <sup>—</sup>	0.733 ± 0.303 <sup>6</sup>
<i>ecoli-0-3-4-6-vs-5</i>	0.692 ± 0.204 <sup>—</sup>	0.821 ± 0.195 <sup>1</sup>	0.821 ± 0.195 <sup>1</sup>	0.846 ± 0.155 <sup>1</sup>	0.838 ± 0.163 <sup>1</sup>	0.831 ± 0.160 <sup>1</sup>	0.836 ± 0.170 <sup>1</sup>
<i>yeast-0-5-6-7-9-vs-4</i>	0.395 ± 0.139 <sup>—</sup>	0.537 ± 0.222 <sup>1,6,7</sup>	0.535 ± 0.222 <sup>1,6,7</sup>	0.534 ± 0.118 <sup>1,6,7</sup>	0.520 ± 0.119 <sup>1,6,7</sup>	0.412 ± 0.101 <sup>—</sup>	0.401 ± 0.103 <sup>—</sup>
<i>yeast6</i>	0.419 ± 0.182 <sup>6</sup>	0.668 ± 0.248 <sup>1,4,5,6,7</sup>	0.668 ± 0.248 <sup>1,4,5,6,7</sup>	0.455 ± 0.128 <sup>1,6,7</sup>	0.508 ± 0.155 <sup>1,6,7</sup>	0.351 ± 0.107 <sup>—</sup>	0.399 ± 0.136 <sup>—</sup>
<i>ecoli-0-6-7-vs-5</i>	0.794 ± 0.232 <sup>—</sup>	0.853 ± 0.191 <sup>—</sup>	0.853 ± 0.191 <sup>—</sup>	0.878 ± 0.151 <sup>6</sup>	0.852 ± 0.170 <sup>1,4,6,7</sup>	0.842 ± 0.171 <sup>—</sup>	0.801 ± 0.178 <sup>6</sup>
<i>glass-0-1-6-vs-5</i>	0.680 ± 0.364 <sup>—</sup>	0.788 ± 0.279 <sup>—</sup>	0.788 ± 0.279 <sup>—</sup>	0.687 ± 0.325 <sup>7</sup>	0.820 ± 0.268 <sup>7</sup>	0.618 ± 0.316 <sup>—</sup>	0.763 ± 0.268 <sup>—</sup>
<i>ecoli-0-1-3-7-vs-2-6</i>	0.465 ± 0.340 <sup>—</sup>	0.470 ± 0.462 <sup>6</sup>	0.470 ± 0.462 <sup>6</sup>	0.613 ± 0.383 <sup>6</sup>	0.611 ± 0.392 <sup>4,6</sup>	0.538 ± 0.362 <sup>—</sup>	0.521 ± 0.386 <sup>6</sup>
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.479 ± 0.096 <sup>—</sup>	0.670 ± 0.136 <sup>—</sup>	0.670 ± 0.136 <sup>—</sup>	0.745 ± 0.109 <sup>1,6,7</sup>	0.738 ± 0.116 <sup>1,7</sup>	0.711 ± 0.149 <sup>—</sup>	0.653 ± 0.162 <sup>—</sup>
<i>ecoli-0-1-4-7-vs-5-6</i>	0.611 ± 0.150 <sup>—</sup>	0.832 ± 0.164 <sup>1</sup>	0.832 ± 0.164 <sup>1</sup>	0.898 ± 0.128 <sup>1,2,3,6,7</sup>	0.887 ± 0.135 <sup>1,2,3,7</sup>	0.826 ± 0.149 <sup>1,2,3,7</sup>	0.822 ± 0.165 <sup>1</sup>
<i>yeast5</i>	0.703 ± 0.162 <sup>—</sup>	0.744 ± 0.138 <sup>1</sup>	0.744 ± 0.138 <sup>1</sup>	0.661 ± 0.120 <sup>1,2,3,6,7</sup>	0.695 ± 0.115 <sup>1,2,3,6,7</sup>	0.636 ± 0.134 <sup>1</sup>	0.660 ± 0.110 <sup>1</sup>
<i>shuttle-c2-vs-c4</i>	1.000 ± 0.000 <sup>6</sup>	1.000 ± 0.000 <sup>1,4,5,6,7</sup>	1.000 ± 0.000 <sup>1,4,5,6,7</sup>	0.960 ± 0.195 <sup>6</sup>	0.960 ± 0.195 <sup>4,6,7</sup>	0.960 ± 0.195 <sup>—</sup>	0.960 ± 0.195 <sup>—</sup>
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.611 ± 0.157 <sup>—</sup>	0.769 ± 0.147 <sup>—</sup>	0.773 ± 0.145 <sup>—</sup>	0.886 ± 0.117 <sup>—</sup>	0.902 ± 0.128 <sup>—</sup>	0.733 ± 0.197 <sup>—</sup>	0.744 ± 0.158 <sup>—</sup>
<i>yeast-0-3-5-9-vs-7-8</i>	0.363 ± 0.130 <sup>—</sup>	0.456 ± 0.220 <sup>1</sup>	0.456 ± 0.220 <sup>1</sup>	0.552 ± 0.188 <sup>1,2,3,6,7</sup>	0.470 ± 0.176 <sup>1,2,3,6,7</sup>	0.455 ± 0.199 <sup>1</sup>	0.322 ± 0.131 <sup>1</sup>
<i>yeast-1-vs-7</i>	0.333 ± 0.141 <sup>7</sup>	0.370 ± 0.366 <sup>1,7</sup>	0.370 ± 0.366 <sup>1,7</sup>	0.278 ± 0.129 <sup>all</sup>	0.254 ± 0.139 <sup>1,7</sup>	0.220 ± 0.087 <sup>1,7</sup>	0.203 ± 0.089 <sup>—</sup>
<i>yeast-1-2-8-9-vs-7</i>	0.212 ± 0.140 <sup>4,5,6,7</sup>	0.449 ± 0.406 <sup>6,7</sup>	0.449 ± 0.406 <sup>6,7</sup>	0.241 ± 0.157 <sup>6,7</sup>	0.214 ± 0.160 <sup>7</sup>	0.135 ± 0.075 <sup>—</sup>	0.132 ± 0.062 <sup>—</sup>
<i>ecoli-0-1-4-6-vs-5</i>	0.655 ± 0.218 <sup>6,7</sup>	0.827 ± 0.186 <sup>1,4,5,6,7</sup>	0.827 ± 0.186 <sup>1,4,5,6,7</sup>	0.874 ± 0.152 <sup>6,7</sup>	0.881 ± 0.132 <sup>6,7</sup>	0.851 ± 0.160 <sup>—</sup>	0.879 ± 0.136 <sup>—</sup>
<i>glass-0-1-5-vs-2</i>	0.302 ± 0.304 <sup>—</sup>	0.298 ± 0.371 <sup>1</sup>	0.298 ± 0.371 <sup>1</sup>	0.252 ± 0.149 <sup>1</sup>	0.263 ± 0.135 <sup>1</sup>	0.208 ± 0.081 <sup>1</sup>	0.255 ± 0.123 <sup>1</sup>
<i>yeast-2-vs-4</i>	0.709 ± 0.097 <sup>—</sup>	0.776 ± 0.117 <sup>—</sup>	0.776 ± 0.117 <sup>—</sup>	0.850 ± 0.099 <sup>6</sup>	0.859 ± 0.092 <sup>6</sup>	0.822 ± 0.109 <sup>—</sup>	0.797 ± 0.116 <sup>6</sup>
<i>glass-0-6-vs-5</i>	0.808 ± 0.318 <sup>—</sup>	0.850 ± 0.269 <sup>1</sup>	0.850 ± 0.269 <sup>1</sup>	0.767 ± 0.375 <sup>1,2,3,6,7</sup>	0.867 ± 0.326 <sup>1,2,3,6,7</sup>	0.742 ± 0.380 <sup>1,2,3</sup>	0.857 ± 0.329 <sup>1</sup>
<i>glass2</i>	0.172 ± 0.228 <sup>—</sup>	0.333 ± 0.360 <sup>—</sup>	0.336 ± 0.361 <sup>—</sup>	0.299 ± 0.196 <sup>—</sup>	0.267 ± 0.150 <sup>6</sup>	0.230 ± 0.128 <sup>—</sup>	0.245 ± 0.121 <sup>6</sup>
<i>yeast-2-vs-8</i>	0.442 ± 0.271 <sup>—</sup>	0.745 ± 0.364 <sup>1</sup>	0.745 ± 0.364 <sup>1</sup>	0.918 ± 0.163 <sup>1,6</sup>	0.918 ± 0.163 <sup>1,7</sup>	0.869 ± 0.208 <sup>1</sup>	0.806 ± 0.235 <sup>1</sup>
<i>vowel0</i>	0.911 ± 0.067 <sup>—</sup>	0.910 ± 0.069 <sup>1</sup>	0.911 ± 0.068 <sup>1</sup>	0.940 ± 0.068 <sup>1,2,3,7</sup>	0.938 ± 0.063 <sup>1,2,3,7</sup>	0.930 ± 0.074 <sup>1</sup>	0.925 ± 0.073 <sup>1</sup>
<i>glass-0-4-vs-5</i>	0.908 ± 0.169 <sup>—</sup>	0.888 ± 0.197 <sup>—</sup>	0.888 ± 0.197 <sup>—</sup>	0.980 ± 0.139 <sup>1,2,3,7</sup>	0.980 ± 0.139 <sup>1,2,3</sup>	0.980 ± 0.139 <sup>1</sup>	0.980 ± 0.139 <sup>—</sup>
<i>glass-0-1-4-6-vs-2</i>	0.258 ± 0.269 <sup>—</sup>	0.233 ± 0.332 <sup>—</sup>	0.242 ± 0.332 <sup>—</sup>	0.281 ± 0.181 <sup>1,2,3</sup>	0.228 ± 0.116 <sup>1,2,3</sup>	0.202 ± 0.101 <sup>1,2,3</sup>	0.211 ± 0.114 <sup>1,2,3</sup>
<i>yeast4</i>	0.330 ± 0.134 <sup>—</sup>	0.418 ± 0.223 <sup>—</sup>	0.409 ± 0.229 <sup>—</sup>	0.388 ± 0.109 <sup>5,6,7</sup>	0.372 ± 0.104 <sup>7</sup>	0.269 ± 0.075 <sup>—</sup>	0.267 ± 0.078 <sup>—</sup>
<i>ecoli-0-4-6-vs-5</i>	0.744 ± 0.193 <sup>6,7</sup>	0.797 ± 0.174 <sup>1,6,7</sup>	0.797 ± 0.174 <sup>1,6,7</sup>	0.865 ± 0.157 <sup>1,6,7</sup>	0.867 ± 0.161 <sup>1,6,7</sup>	0.848 ± 0.166 <sup>—</sup>	0.868 ± 0.160 <sup>—</sup>
<i>page-blocks-1-3-vs-4</i>	0.908 ± 0.102 <sup>—</sup>	0.939 ± 0.084 <sup>—</sup>	0.939 ± 0.084 <sup>—</sup>	0.938 ± 0.106 <sup>1,2,3</sup>	0.993 ± 0.046 <sup>1,2,3</sup>	0.840 ± 0.183 <sup>1</sup>	0.986 ± 0.056 <sup>1,2,3</sup>
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.709 ± 0.082 <sup>6</sup>	0.821 ± 0.091 <sup>1,6</sup>	0.821 ± 0.091 <sup>1,6</sup>	0.835 ± 0.075 <sup>6</sup>	0.836 ± 0.075 <sup>1,2,3,4,6</sup>	0.809 ± 0.085 <sup>—</sup>	0.816 ± 0.075 <sup>1,2,3,4,6</sup>
<i>ecoli-0-1-vs-2-3-5</i>	0.627 ± 0.198 <sup>—</sup>	0.776 ± 0.188 <sup>1</sup>	0.776 ± 0.188 <sup>1</sup>	0.937 ± 0.111 <sup>1,6,7</sup>	0.934 ± 0.142 <sup>1,2,3,6,7</sup>	0.811 ± 0.155 <sup>1</sup>	0.814 ± 0.181 <sup>1</sup>
<i>ecoli-0-6-7-vs-3-5</i>	0.735 ± 0.236 <sup>—</sup>	0.791 ± 0.278 <sup>1</sup>	0.797 ± 0.262 <sup>1</sup>	0.840 ± 0.159 <sup>1,2,3,6,7</sup>	0.819 ± 0.191 <sup>1,2,3,6,7</sup>	0.813 ± 0.183 <sup>1</sup>	0.753 ± 0.223 <sup>1</sup>
<i>ecoli-0-3-4-7-vs-5-6</i>	0.692 ± 0.154 <sup>—</sup>	0.866 ± 0.153 <sup>—</sup>	0.866 ± 0.153 <sup>—</sup>	0.839 ± 0.129 <sup>1,7</sup>	0.832 ± 0.149 <sup>7</sup>	0.804 ± 0.138 <sup>7</sup>	0.780 ± 0.147 <sup>—</sup>
<i>ecoli-0-2-6-7-vs-3-5</i>	0.722 ± 0.252 <sup>—</sup>	0.819 ± 0.225 <sup>1,7</sup>	0.819 ± 0.225 <sup>1,7</sup>	0.874 ± 0.180 <sup>1,6,7</sup>	0.830 ± 0.194 <sup>1,7</sup>	0.824 ± 0.201 <sup>1</sup>	0.755 ± 0.208 <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>1,7</sup>	1.000 ± 0.000 <sup>1,6,7</sup>	1.000 ± 0.000 <sup>1,7</sup>	1.000 ± 0.000 <sup>1,7</sup>	1.000 ± 0.000 <sup>—</sup>
<i>ecoli-0-3-4-vs-5</i>	0.738 ± 0.200 <sup>—</sup>	0.813 ± 0.199 <sup>1</sup>	0.813 ± 0.199 <sup>1</sup>	0.883 ± 0.145 <sup>—</sup>	0.856 ± 0.192 <sup>—</sup>	0.871 ± 0.158 <sup>—</sup>	0.837 ± 0.202 <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>	2.463	4.195	4.293	5.256	5.256	3.073	3.463
	—	1,6	1,6	1,2,3,6,7	1,2,3,6,7	—	1

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	0.713 ± 0.264	0.713 ± 0.264	0.687 ± 0.332	0.633 ± 0.336	0.683 ± 0.333	0.653 ± 0.334
<i>ecoli-0-2-3-4-vs-5</i>	<sup>5</sup> 0.730 ± 0.179	<sup>5</sup> 0.710 ± 0.195	<sup>5</sup> 0.710 ± 0.195	<sup>5</sup> 0.780 ± 0.184	<sup>5</sup> 0.805 ± 0.175	<sup>5</sup> 0.795 ± 0.170	<sup>5</sup> 0.810 ± 0.177
<i>glass-0-1-6-vs-2</i>	<sup>2,3</sup> 0.243 ± 0.247	<sup>2,3</sup> 0.150 ± 0.201	<sup>2,3</sup> 0.150 ± 0.201	<sup>2,3</sup> 0.483 ± 0.273	<sup>1,2,3</sup> 0.512 ± 0.287	<sup>1,2,3</sup> 0.525 ± 0.274	<sup>1,2,3</sup> 0.540 ± 0.279
<i>ecoli-0-1-vs-5</i>	<sup>2,3</sup> 0.655 ± 0.205	<sup>2,3</sup> 0.745 ± 0.203	<sup>2,3</sup> 0.745 ± 0.203	<sup>1,2,3</sup> 0.760 ± 0.180	<sup>1,2,3</sup> 0.790 ± 0.175	<sup>1,2,3</sup> 0.795 ± 0.178	<sup>1,2,3</sup> 0.800 ± 0.173
<i>yeast-1-4-5-8-vs-7</i>	<sup>1</sup> 0.140 ± 0.157	<sup>1</sup> 0.020 ± 0.054	<sup>1</sup> 0.020 ± 0.054	<sup>1</sup> 0.207 ± 0.147	<sup>1</sup> 0.163 ± 0.139	<sup>1</sup> 0.300 ± 0.176	<sup>1,2,3</sup> 0.260 ± 0.149
<i>ecoli4</i>	<sup>2,3</sup> 0.755 ± 0.183	<sup>2,3</sup> 0.760 ± 0.211	<sup>2,3</sup> 0.760 ± 0.211	<sup>1,2,3,5</sup> 0.805 ± 0.189	<sup>2,3</sup> 0.825 ± 0.201	<sup>1,2,3,4,5</sup> 0.810 ± 0.190	<sup>1,2,3,5</sup> 0.825 ± 0.201
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>2,3</sup> 0.782 ± 0.143	<sup>2,3</sup> 0.806 ± 0.150	<sup>2,3</sup> 0.806 ± 0.150	<sup>2,3</sup> 0.292 ± 0.172	<sup>1,2,3</sup> 0.300 ± 0.160	<sup>2,3</sup> 0.760 ± 0.233	<sup>1,2,3</sup> 0.751 ± 0.226
<i>glass5</i>	<sup>4,5</sup> 0.670 ± 0.382	<sup>4,5</sup> 0.700 ± 0.360	<sup>4,5</sup> 0.700 ± 0.360	<sup>4,5</sup> 0.770 ± 0.349	<sup>4,5</sup> 0.860 ± 0.283	<sup>4,5</sup> 0.800 ± 0.346	<sup>4,5</sup> 0.870 ± 0.296
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1,2,3</sup> 0.680 ± 0.218	<sup>1,2,3</sup> 0.690 ± 0.226	<sup>1,2,3</sup> 0.690 ± 0.226	<sup>1,2,3</sup> 0.795 ± 0.221	<sup>1,2,3</sup> 0.805 ± 0.207	<sup>1,2,3</sup> 0.805 ± 0.201	<sup>1,2,3</sup> 0.805 ± 0.207
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,2,3</sup> 0.412 ± 0.159	<sup>1,2,3</sup> 0.364 ± 0.183	<sup>1,2,3</sup> 0.362 ± 0.183	<sup>1,2,3</sup> 0.624 ± 0.114	<sup>1,2,3</sup> 0.606 ± 0.141	<sup>1,2,3</sup> 0.673 ± 0.134	<sup>1,2,3</sup> 0.667 ± 0.147
<i>yeast6</i>	<sup>1,2,3</sup> 0.477 ± 0.182	<sup>1,2,3</sup> 0.429 ± 0.173	<sup>1,2,3</sup> 0.429 ± 0.173	<sup>1,2,3</sup> 0.606 ± 0.181	<sup>1,2,3</sup> 0.603 ± 0.202	<sup>1,2,3,4,5</sup> 0.637 ± 0.169	<sup>1,2,3,4,5</sup> 0.623 ± 0.197
<i>ecoli-0-6-7-vs-5</i>	<sup>2,3</sup> 0.705 ± 0.243	<sup>2,3</sup> 0.745 ± 0.242	<sup>2,3</sup> 0.745 ± 0.242	<sup>1,2,3</sup> 0.755 ± 0.203	<sup>1,2,3</sup> 0.750 ± 0.206	<sup>1,2,3,4</sup> 0.760 ± 0.205	<sup>1,2,3</sup> 0.755 ± 0.209
<i>glass-0-1-6-vs-5</i>	<sup>2,3</sup> 0.660 ± 0.366	<sup>2,3</sup> 0.820 ± 0.278	<sup>2,3</sup> 0.820 ± 0.278	<sup>2,3</sup> 0.720 ± 0.334	<sup>2,3</sup> 0.820 ± 0.278	<sup>2,3</sup> 0.740 ± 0.335	<sup>2,3</sup> 0.840 ± 0.253
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1</sup> 0.660 ± 0.417	<sup>1</sup> 0.440 ± 0.443	<sup>1</sup> 0.440 ± 0.443	<sup>1</sup> 0.700 ± 0.400	<sup>1</sup> 0.700 ± 0.400	<sup>1</sup> 0.700 ± 0.400	<sup>1,4</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> 0.466 ± 0.098	<sup>2,3</sup> 0.466 ± 0.098	<sup>2,3</sup> 0.537 ± 0.111	<sup>2,3</sup> 0.528 ± 0.115	<sup>2,3</sup> 0.553 ± 0.115	<sup>2,3</sup> 0.555 ± 0.121
<i>ecoli-0-1-4-7-vs-5-6</i>	<sup>2,3</sup> 0.656 ± 0.200	<sup>2,3</sup> 0.652 ± 0.173	<sup>2,3</sup> 0.652 ± 0.173	<sup>2,3</sup> 0.736 ± 0.213	<sup>2,3</sup> 0.792 ± 0.164	<sup>1,2,3</sup> 0.764 ± 0.194	<sup>1,2,3,5</sup> 0.796 ± 0.172
<i>yeast5</i>	<sup>1,2,3</sup> 0.648 ± 0.170	<sup>1,2,3</sup> 0.627 ± 0.157	<sup>1,2,3</sup> 0.627 ± 0.157	<sup>1,2,3</sup> 0.812 ± 0.135	<sup>1,2,3,4</sup> 0.838 ± 0.113	<sup>1,2,3</sup> 0.831 ± 0.134	<sup>1,2,3</sup> 0.843 ± 0.113
<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> 0.940 ± 0.215	<sup>1,2,3</sup> 0.940 ± 0.215	<sup>1,2,3</sup> 0.940 ± 0.215	<sup>1,2,3</sup> 0.940 ± 0.215
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>2,3</sup> 0.632 ± 0.180	<sup>2,3</sup> 0.629 ± 0.194	<sup>2,3</sup> 0.639 ± 0.197	<sup>2,3</sup> 0.695 ± 0.184	<sup>2,3</sup> 0.716 ± 0.159	<sup>2,3</sup> 0.699 ± 0.188	<sup>2,3</sup> 0.716 ± 0.166
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2,3</sup> 0.394 ± 0.146	<sup>1,2,3</sup> 0.224 ± 0.110	<sup>1,2,3</sup> 0.224 ± 0.110	<sup>1,2,3</sup> 0.324 ± 0.128	<sup>1,2,3</sup> 0.338 ± 0.152	<sup>1,2,3</sup> 0.376 ± 0.171	<sup>1,2,3</sup> 0.458 ± 0.175
<i>yeast-1-vs-7</i>	<sup>2,3,4,5</sup> 0.393 ± 0.190	<sup>2,3,4,5</sup> 0.117 ± 0.095	<sup>2,3,4,5</sup> 0.117 ± 0.095	<sup>2,3</sup> 0.407 ± 0.194	<sup>2,3</sup> 0.363 ± 0.207	<sup>2,3,4</sup> 0.510 ± 0.217	<sup>all</sup> 0.473 ± 0.206
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3</sup> 0.280 ± 0.168	<sup>2,3</sup> 0.137 ± 0.118	<sup>2,3</sup> 0.137 ± 0.118	<sup>2,3</sup> 0.313 ± 0.184	<sup>2,3</sup> 0.270 ± 0.169	<sup>1,2,3,4,5</sup> 0.403 ± 0.223	<sup>1,2,3,4,5</sup> 0.393 ± 0.196
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.615 ± 0.188	<sup>2,3</sup> 0.670 ± 0.196	<sup>2,3</sup> 0.670 ± 0.196	<sup>2,3</sup> 0.765 ± 0.153	<sup>2,3</sup> 0.775 ± 0.167	<sup>1,2,3,4,5</sup> 0.785 ± 0.158	<sup>1,2,3,4,5</sup> 0.780 ± 0.170
<i>glass-0-1-5-vs-2</i>	<sup>1</sup> 0.262 ± 0.252	<sup>1</sup> 0.172 ± 0.207	<sup>1</sup> 0.172 ± 0.207	<sup>1,2,3</sup> 0.455 ± 0.252	<sup>1,2,3</sup> 0.548 ± 0.271	<sup>1,2,3</sup> 0.533 ± 0.250	<sup>1,2,3</sup> 0.610 ± 0.254
<i>yeast-2-vs-4</i>	<sup>2,3</sup> 0.722 ± 0.132	<sup>2,3</sup> 0.654 ± 0.150	<sup>2,3</sup> 0.654 ± 0.150	<sup>1,2,3</sup> 0.707 ± 0.131	<sup>1,2,3,4</sup> 0.703 ± 0.131	<sup>1,2,3,4</sup> 0.735 ± 0.139	<sup>1,2,3,4,5</sup> 0.725 ± 0.139
<i>glass-0-6-vs-5</i>	<sup>2,3</sup> 0.820 ± 0.328	<sup>2,3</sup> 0.910 ± 0.258	<sup>2,3</sup> 0.910 ± 0.258	<sup>2,3</sup> 0.680 ± 0.370	<sup>2,3</sup> 0.730 ± 0.349	<sup>2,3,4,5</sup> 0.680 ± 0.370	<sup>2,3</sup> 0.730 ± 0.349
<i>glass2</i>	<sup>4,6</sup> 0.187 ± 0.238	<sup>4,5,6,7</sup> 0.195 ± 0.192	<sup>4,5,6,7</sup> 0.195 ± 0.192	<sup>4,5,6,7</sup> 0.458 ± 0.258	<sup>4,5,6,7</sup> 0.507 ± 0.254	<sup>4,5,6,7</sup> 0.553 ± 0.276	<sup>4,5,6,7</sup> 0.572 ± 0.269
<i>yeast-2-vs-8</i>	<sup>1,2,3</sup> 0.435 ± 0.233	<sup>1,2,3</sup> 0.420 ± 0.271	<sup>1,2,3</sup> 0.420 ± 0.271	<sup>1,2,3</sup> 0.555 ± 0.219	<sup>1,2,3</sup> 0.555 ± 0.219	<sup>1,2,3,4</sup> 0.560 ± 0.221	<sup>1,2,3,4,5</sup> 0.560 ± 0.221
<i>vowel0</i>	<sup>1,2,3</sup> 0.936 ± 0.055	<sup>1,2,3</sup> 0.918 ± 0.065	<sup>1,2,3</sup> 0.918 ± 0.065	<sup>1,2,3</sup> 0.811 ± 0.104	<sup>1,2,3</sup> 0.787 ± 0.105	<sup>1,2,3</sup> 0.847 ± 0.085	<sup>1,2,3</sup> 0.814 ± 0.100
<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>4,5,6,7</sup> 0.970 ± 0.155	<sup>4,5,6,7</sup> 0.970 ± 0.155	<sup>4,5,7</sup> 0.970 ± 0.155	<sup>5</sup> 0.970 ± 0.155
<i>glass-0-1-4-6-vs-2</i>	<sup>2,3</sup> 0.213 ± 0.216	<sup>2,3</sup> 0.175 ± 0.234	<sup>2,3</sup> 0.180 ± 0.232	<sup>2,3</sup> 0.462 ± 0.251	<sup>2,3</sup> 0.463 ± 0.235	<sup>2,3</sup> 0.520 ± 0.282	<sup>2,3</sup> 0.515 ± 0.258
<i>yeast4</i>	<sup>1,2,3</sup> 0.364 ± 0.141	<sup>1,2,3</sup> 0.208 ± 0.129	<sup>1,2,3</sup> 0.202 ± 0.130	<sup>1,2,3</sup> 0.480 ± 0.134	<sup>1,2,3</sup> 0.470 ± 0.126	<sup>1,2,3,4</sup> 0.546 ± 0.134	<sup>1,2,3</sup> 0.544 ± 0.162
<i>ecoli-0-4-6-vs-5</i>	<sup>2,3</sup> 0.660 ± 0.210	<sup>2,3</sup> 0.690 ± 0.197	<sup>2,3</sup> 0.690 ± 0.197	<sup>1,2,3</sup> 0.775 ± 0.195	<sup>1,2,3</sup> 0.790 ± 0.182	<sup>1,2,3,4,5</sup> 0.785 ± 0.193	<sup>1,2,3,4,5</sup> 0.795 ± 0.184
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,3</sup> 0.918 ± 0.131	<sup>1,2,3</sup> 0.955 ± 0.108	<sup>1,2,3</sup> 0.955 ± 0.108	<sup>1,2,3</sup> 0.731 ± 0.211	<sup>1,2,3</sup> 0.846 ± 0.173	<sup>1,2,3</sup> 0.751 ± 0.204	<sup>1,2,3</sup> 0.868 ± 0.152
<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> 0.732 ± 0.112	<sup>4,5,6,7</sup> 0.731 ± 0.111	<sup>4,5,6,7</sup> 0.812 ± 0.079	<sup>4,6</sup> 0.813 ± 0.079	<sup>4,6</sup> 0.811 ± 0.084	<sup>4,6</sup> 0.815 ± 0.082
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1,2,3</sup> 0.615 ± 0.230	<sup>1,2,3</sup> 0.655 ± 0.200	<sup>1,2,3</sup> 0.655 ± 0.200	<sup>1,2,3</sup> 0.698 ± 0.194	<sup>1,2,3</sup> 0.695 ± 0.193	<sup>1,2,3</sup> 0.711 ± 0.190	<sup>1,2,3</sup> 0.682 ± 0.203
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1</sup> 0.671 ± 0.250	<sup>1</sup> 0.605 ± 0.266	<sup>1</sup> 0.610 ± 0.257	<sup>1</sup> 0.682 ± 0.210	<sup>1</sup> 0.677 ± 0.202	<sup>1,2,3</sup> 0.704 ± 0.208	<sup>1</sup> 0.698 ± 0.207
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>2,3</sup> 0.728 ± 0.182	<sup>2,3</sup> 0.724 ± 0.187	<sup>2,3</sup> 0.724 ± 0.187	<sup>2,3</sup> 0.768 ± 0.171	<sup>2,3</sup> 0.780 ± 0.166	<sup>2,3</sup> 0.788 ± 0.171	<sup>2,3</sup> 0.792 ± 0.154
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1,2,3</sup> 0.659 ± 0.255	<sup>1,2,3</sup> 0.626 ± 0.225	<sup>1,2,3</sup> 0.626 ± 0.225	<sup>1,2,3</sup> 0.688 ± 0.216	<sup>1,2,3</sup> 0.694 ± 0.207	<sup>1,2,3</sup> 0.697 ± 0.205	<sup>1,2,3</sup> 0.712 ± 0.193
<i>shuttle-c0-vs-c4</i>	<sup>2,3</sup> 1.000 ± 0.000	<sup>2,3</sup> 1.000 ± 0.000	<sup>2,3</sup> 1.000 ± 0.000	<sup>2,3</sup> 0.996 ± 0.012	<sup>2,3</sup> 0.996 ± 0.012	<sup>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> 0.735 ± 0.225	<sup>1,2,3</sup> 0.735 ± 0.225	<sup>1,2,3</sup> 0.790 ± 0.241	<sup>1,2,3</sup> 0.805 ± 0.251	<sup>1,2,3</sup> 0.805 ± 0.236	<sup>1,2,3</sup> 0.805 ± 0.251

Table 7: Results for Recall metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.122	2.744	2.768	3.915	4.415	5.317	5.720
	—	—	—	2,3	1,2,3,4	1,2,3,4,5	1,2,3,4,5

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	0.847 ± 0.132	0.847 ± 0.132	0.824 ± 0.167	0.803 ± 0.168	0.820 ± 0.168	0.811 ± 0.168
<i>ecoli-0-2-3-4-vs-5</i>	<sup>5,7</sup> 0.850 ± 0.087	<sup>5,7</sup> 0.845 ± 0.097	<sup>5,7</sup> 0.845 ± 0.097	<sup>6</sup> 0.883 ± 0.093	<sup>1,2,3</sup> 0.896 ± 0.089	<sup>1,2,3</sup> 0.891 ± 0.086	<sup>1,2,3</sup> 0.898 ± 0.090
<i>glass-0-1-6-vs-2</i>	<sup>1,2,3</sup> 0.582 ± 0.128	<sup>1,2,3</sup> 0.557 ± 0.104	<sup>1,2,3</sup> 0.557 ± 0.104	<sup>1,2,3,6</sup> 0.672 ± 0.136	<sup>1,2,3,7</sup> 0.677 ± 0.143	<sup>1,2,3</sup> 0.655 ± 0.135	<sup>1,2,3</sup> 0.675 ± 0.136
<i>ecoli-0-1-vs-5</i>	<sup>1,2,3,6</sup> 0.814 ± 0.099	<sup>1,2,3,7</sup> 0.866 ± 0.099	<sup>1,2,3,7</sup> 0.866 ± 0.099	<sup>1,2,3</sup> 0.877 ± 0.089	<sup>1,2,3</sup> 0.892 ± 0.087	<sup>1,2,3</sup> 0.893 ± 0.086	<sup>1,2,3</sup> 0.897 ± 0.085
<i>yeast-1-4-5-8-vs-7</i>	<sup>1</sup> 0.546 ± 0.078	<sup>1</sup> 0.506 ± 0.027	<sup>1</sup> 0.506 ± 0.027	<sup>1,2,3</sup> 0.566 ± 0.075	<sup>1,2,3</sup> 0.549 ± 0.072	<sup>1,2,3</sup> 0.576 ± 0.088	<sup>1,2,3</sup> 0.566 ± 0.080
<i>ecoli4</i>	<sup>2,3</sup> 0.868 ± 0.091	<sup>2,3</sup> 0.873 ± 0.105	<sup>2,3</sup> 0.873 ± 0.105	<sup>2,3</sup> 0.900 ± 0.094	<sup>2,3</sup> 0.910 ± 0.100	<sup>2,3,5</sup> 0.900 ± 0.094	<sup>2,3,5</sup> 0.908 ± 0.100
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	<sup>1,2,3,6</sup> 0.881 ± 0.072	<sup>1,2,3,6,7</sup> 0.881 ± 0.074	<sup>1,2,3,6,7</sup> 0.881 ± 0.074	<sup>1,2,3,6,7</sup> 0.640 ± 0.084	<sup>1,2,3,6,7</sup> 0.643 ± 0.080	<sup>1,2,3</sup> 0.866 ± 0.113	<sup>1,2,3</sup> 0.861 ± 0.109
<i>glass5</i>	<sup>4,5,6,7</sup> 0.831 ± 0.189	<sup>1,4,5</sup> 0.847 ± 0.179	<sup>1,4,5</sup> 0.847 ± 0.179	<sup>1,4,5</sup> 0.880 ± 0.173	<sup>1,4,5</sup> 0.926 ± 0.140	<sup>4,5</sup> 0.889 ± 0.171	<sup>4,5</sup> 0.928 ± 0.147
<i>ecoli-0-3-4-6-vs-5</i>	<sup>1,2,3,4,6</sup> 0.821 ± 0.111	<sup>1,2,3,4,6</sup> 0.834 ± 0.114	<sup>1,2,3,4,6</sup> 0.834 ± 0.114	<sup>1,2,3,4,6</sup> 0.889 ± 0.111	<sup>1,2,3,4,6</sup> 0.893 ± 0.105	<sup>4</sup> 0.892 ± 0.102	<sup>1,2,3,6</sup> 0.893 ± 0.105
<i>yeast-0-5-6-7-9-vs-4</i>	<sup>1,2,3</sup> 0.670 ± 0.077	<sup>1,2,3</sup> 0.666 ± 0.090	<sup>1,2,3</sup> 0.665 ± 0.090	<sup>1,2,3</sup> 0.780 ± 0.055	<sup>1,2,3</sup> 0.770 ± 0.066	<sup>1,2,3</sup> 0.779 ± 0.062	<sup>1,2,3</sup> 0.775 ± 0.073
<i>yeast6</i>	<sup>1,2,3</sup> 0.729 ± 0.089	<sup>1,2,3</sup> 0.711 ± 0.086	<sup>1,2,3</sup> 0.711 ± 0.086	<sup>1,2,3</sup> 0.794 ± 0.090	<sup>1,2,3</sup> 0.794 ± 0.100	<sup>1,2,3</sup> 0.803 ± 0.082	<sup>1,2,3</sup> 0.799 ± 0.096
<i>ecoli-0-6-7-vs-5</i>	<sup>1,2,3</sup> 0.842 ± 0.121	<sup>1,2,3</sup> 0.865 ± 0.122	<sup>1,2,3</sup> 0.865 ± 0.122	<sup>1,2,3</sup> 0.871 ± 0.102	<sup>1,2,3</sup> 0.868 ± 0.104	<sup>1,2,3</sup> 0.871 ± 0.104	<sup>1,2,3,5</sup> 0.866 ± 0.105
<i>glass-0-1-6-vs-5</i>	<sup>1,7</sup> 0.822 ± 0.182	<sup>1</sup> 0.903 ± 0.137	<sup>1</sup> 0.903 ± 0.137	<sup>1,7</sup> 0.852 ± 0.166	<sup>7</sup> 0.905 ± 0.139	<sup>7</sup> 0.858 ± 0.165	<sup>7</sup> 0.911 ± 0.129
<i>ecoli-0-1-3-7-vs-2-6</i>	<sup>1,6</sup> 0.820 ± 0.209	<sup>1,6</sup> 0.718 ± 0.221	<sup>1,6</sup> 0.718 ± 0.221	<sup>1,6</sup> 0.844 ± 0.200	<sup>1,4,6</sup> 0.843 ± 0.201	<sup>1,4,6</sup> 0.842 ± 0.199	<sup>1,4,6</sup> 0.838 ± 0.198
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	<sup>1,2,3,6,7</sup> 0.725 ± 0.050	<sup>1,2,3,6,7</sup> 0.720 ± 0.049	<sup>1,2,3,6,7</sup> 0.720 ± 0.049	<sup>1,2,3,6,7</sup> 0.758 ± 0.055	<sup>1,2,3,7</sup> 0.754 ± 0.057	<sup>1,2,3,7</sup> 0.762 ± 0.056	<sup>2,3</sup> 0.758 ± 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> 0.820 ± 0.087	<sup>1,2,3</sup> 0.820 ± 0.087	<sup>1,2,3</sup> 0.864 ± 0.105	<sup>1,2,3</sup> 0.891 ± 0.081	<sup>1,2,3</sup> 0.874 ± 0.095	<sup>1,2,3</sup> 0.889 ± 0.084
<i>yeast5</i>	<sup>1,2,3</sup> 0.819 ± 0.085	<sup>1,2,3</sup> 0.810 ± 0.078	<sup>1,2,3</sup> 0.810 ± 0.078	<sup>1,2,3</sup> 0.900 ± 0.068	<sup>1,2,3,6,7</sup> 0.913 ± 0.056	<sup>1,2,3</sup> 0.908 ± 0.067	<sup>1,2,3</sup> 0.915 ± 0.057
<i>shuttle-c2-vs-c4</i>	<sup>1,2,3,4</sup> 1.000 ± 0.000	<sup>1,2,3,4</sup> 1.000 ± 0.000	<sup>1,2,3,4</sup> 1.000 ± 0.000	<sup>1,2,3,4</sup> 0.970 ± 0.107	<sup>1,2,3,4</sup> 0.970 ± 0.107	<sup>1,2,3,4</sup> 0.970 ± 0.107	<sup>1,2,3,5</sup> 0.970 ± 0.107
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	<sup>1,2,3,5</sup> 0.796 ± 0.092	<sup>1,2,3,5</sup> 0.804 ± 0.095	<sup>1,2,3,5</sup> 0.809 ± 0.097	<sup>1,2,3,5</sup> 0.843 ± 0.091	<sup>1,2,3,5</sup> 0.853 ± 0.078	<sup>1,2,3,5</sup> 0.835 ± 0.094	<sup>1,2,3,5</sup> 0.844 ± 0.080
<i>yeast-0-3-5-9-vs-7-8</i>	<sup>1,2,3,6</sup> 0.656 ± 0.070	<sup>1,2,3,6</sup> 0.596 ± 0.055	<sup>1,2,3,6</sup> 0.596 ± 0.055	<sup>1,2,3,6</sup> 0.647 ± 0.064	<sup>1,2,3,6,7</sup> 0.647 ± 0.073	<sup>1,2,3</sup> 0.656 ± 0.077	<sup>1,2,3</sup> 0.668 ± 0.079
<i>yeast-1-vs-7</i>	<sup>2,3</sup> 0.669 ± 0.095	<sup>2,3</sup> 0.551 ± 0.048	<sup>2,3</sup> 0.551 ± 0.048	<sup>2,3</sup> 0.664 ± 0.095	<sup>2,3</sup> 0.642 ± 0.102	<sup>2,3</sup> 0.690 ± 0.103	<sup>2,3,5</sup> 0.669 ± 0.102
<i>yeast-1-2-8-9-vs-7</i>	<sup>2,3,5</sup> 0.622 ± 0.082	<sup>2,3,5</sup> 0.566 ± 0.059	<sup>2,3,5</sup> 0.566 ± 0.059	<sup>2,3</sup> 0.639 ± 0.092	<sup>2,3</sup> 0.618 ± 0.083	<sup>2,3,4,5</sup> 0.659 ± 0.111	<sup>2,3,5</sup> 0.654 ± 0.096
<i>ecoli-0-1-4-6-vs-5</i>	<sup>2,3</sup> 0.792 ± 0.090	<sup>2,3</sup> 0.828 ± 0.097	<sup>2,3</sup> 0.828 ± 0.097	<sup>2,3</sup> 0.877 ± 0.076	<sup>2,3</sup> 0.883 ± 0.084	<sup>1,2,3,5</sup> 0.886 ± 0.079	<sup>1,2,3,5</sup> 0.885 ± 0.085
<i>glass-0-1-5-vs-2</i>	<sup>1</sup> 0.592 ± 0.127	<sup>1</sup> 0.567 ± 0.104	<sup>1</sup> 0.567 ± 0.104	<sup>1,2,3</sup> 0.651 ± 0.119	<sup>1,2,3</sup> 0.689 ± 0.135	<sup>1,2,3</sup> 0.656 ± 0.115	<sup>1,2,3</sup> 0.701 ± 0.132
<i>yeast-2-vs-4</i>	<sup>1,2,3</sup> 0.844 ± 0.064	<sup>1,2,3</sup> 0.816 ± 0.074	<sup>1,2,3</sup> 0.816 ± 0.074	<sup>1,2,3</sup> 0.846 ± 0.064	<sup>1,2,3</sup> 0.845 ± 0.065	<sup>1,2,3</sup> 0.858 ± 0.068	<sup>1,2,3,4</sup> 0.851 ± 0.068
<i>glass-0-6-vs-5</i>	<sup>2,3</sup> 0.899 ± 0.171	<sup>2,3</sup> 0.946 ± 0.137	<sup>2,3</sup> 0.946 ± 0.137	<sup>2,3</sup> 0.834 ± 0.187	<sup>2,3</sup> 0.863 ± 0.175	<sup>2,3,7</sup> 0.831 ± 0.189	<sup>2,3</sup> 0.862 ± 0.175
<i>glass2</i>	<sup>4,6</sup> 0.561 ± 0.118	<sup>4,6</sup> 0.584 ± 0.094	<sup>4,6</sup> 0.584 ± 0.094	<sup>4,6</sup> 0.679 ± 0.130	<sup>6</sup> 0.690 ± 0.134	<sup>6</sup> 0.689 ± 0.141	<sup>6</sup> 0.707 ± 0.139
<i>yeast-2-vs-8</i>	<sup>1</sup> 0.704 ± 0.113	<sup>1</sup> 0.708 ± 0.134	<sup>1</sup> 0.708 ± 0.134	<sup>1,2,3</sup> 0.776 ± 0.110	<sup>1,2,3</sup> 0.776 ± 0.110	<sup>1,2,3</sup> 0.778 ± 0.111	<sup>1,2,3</sup> 0.776 ± 0.110
<i>vowel0</i>	<sup>1,2,3,7</sup> 0.963 ± 0.028	<sup>1,2,3,7</sup> 0.954 ± 0.032	<sup>1,2,3,7</sup> 0.954 ± 0.032	<sup>1,2,3,7</sup> 0.903 ± 0.051	<sup>1,2,3,7</sup> 0.890 ± 0.051	<sup>1,2,3</sup> 0.920 ± 0.041	<sup>1,2,3</sup> 0.904 ± 0.049
<i>glass-0-4-vs-5</i>	<sup>4,5,6,7</sup> 0.992 ± 0.016	<sup>4,5,6,7</sup> 0.989 ± 0.021	<sup>4,5,6,7</sup> 0.989 ± 0.021	<sup>4,5,6,7</sup> 0.985 ± 0.077	<sup>4,5,6,7</sup> 0.985 ± 0.077	<sup>4,5,7</sup> 0.984 ± 0.081	<sup>5</sup> 0.984 ± 0.081
<i>glass-0-1-4-6-vs-2</i>	<sup>4,5,6,7</sup> 0.573 ± 0.117	<sup>4,5,6,7</sup> 0.566 ± 0.119	<sup>4,5,6,7</sup> 0.569 ± 0.118	<sup>4,5,6,7</sup> 0.672 ± 0.121	<sup>4,5,6,7</sup> 0.660 ± 0.115	<sup>4,5,6,7</sup> 0.665 ± 0.129	<sup>4,5,6,7</sup> 0.667 ± 0.135
<i>yeast4</i>	<sup>1,2,3</sup> 0.668 ± 0.071	<sup>1,2,3</sup> 0.599 ± 0.064	<sup>1,2,3</sup> 0.596 ± 0.064	<sup>1,2,3</sup> 0.726 ± 0.066	<sup>1,2,3</sup> 0.720 ± 0.063	<sup>1,2,3</sup> 0.745 ± 0.064	<sup>1,2,3</sup> 0.745 ± 0.081
<i>ecoli-0-4-6-vs-5</i>	<sup>1,2,3,4,5</sup> 0.814 ± 0.102	<sup>1,2,3,4,5</sup> 0.834 ± 0.098	<sup>1,2,3,4,5</sup> 0.834 ± 0.098	<sup>1,2,3,4,5</sup> 0.879 ± 0.098	<sup>1,2,3,4,5</sup> 0.887 ± 0.093	<sup>1,2,3,4,5</sup> 0.883 ± 0.098	<sup>1,2,3,5</sup> 0.889 ± 0.093
<i>page-blocks-1-3-vs-4</i>	<sup>1,2,3</sup> 0.956 ± 0.064	<sup>1,2,3</sup> 0.976 ± 0.054	<sup>1,2,3</sup> 0.976 ± 0.054	<sup>1,2,3</sup> 0.864 ± 0.105	<sup>1,2,3</sup> 0.923 ± 0.087	<sup>1,2,3</sup> 0.870 ± 0.104	<sup>1,2,3</sup> 0.934 ± 0.076
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	<sup>4,6</sup> 0.844 ± 0.051	<sup>1,4,5,6,7</sup> 0.857 ± 0.055	<sup>1,4,5,6,7</sup> 0.856 ± 0.055	<sup>4,6</sup> 0.897 ± 0.040	<sup>4,6</sup> 0.898 ± 0.040	<sup>4,6</sup> 0.894 ± 0.042	<sup>4,6</sup> 0.897 ± 0.041
<i>ecoli-0-1-vs-2-3-5</i>	<sup>1,2,3</sup> 0.786 ± 0.114	<sup>1,2,3</sup> 0.818 ± 0.100	<sup>1,2,3</sup> 0.818 ± 0.100	<sup>1,2,3</sup> 0.846 ± 0.097	<sup>1,2,3</sup> 0.845 ± 0.098	<sup>1,2,3</sup> 0.846 ± 0.096	<sup>1,2,3</sup> 0.832 ± 0.103
<i>ecoli-0-6-7-vs-3-5</i>	<sup>1,2,3,6,7</sup> 0.821 ± 0.123	<sup>1,2,3,6,7</sup> 0.795 ± 0.131	<sup>1,2,3,6,7</sup> 0.797 ± 0.126	<sup>1,2,3,6,7</sup> 0.833 ± 0.105	<sup>1,2,3,7</sup> 0.829 ± 0.102	<sup>1,2,3</sup> 0.841 ± 0.104	<sup>1</sup> 0.834 ± 0.108
<i>ecoli-0-3-4-7-vs-5-6</i>	<sup>1</sup> 0.843 ± 0.085	<sup>1</sup> 0.855 ± 0.093	<sup>1</sup> 0.855 ± 0.093	<sup>1</sup> 0.875 ± 0.085	<sup>1</sup> 0.881 ± 0.086	<sup>1</sup> 0.883 ± 0.086	<sup>1</sup> 0.883 ± 0.078
<i>ecoli-0-2-6-7-vs-3-5</i>	<sup>1</sup> 0.813 ± 0.129	<sup>1</sup> 0.804 ± 0.111	<sup>1</sup> 0.804 ± 0.111	<sup>1</sup> 0.838 ± 0.110	<sup>1</sup> 0.839 ± 0.107	<sup>1</sup> 0.839 ± 0.105	<sup>1</sup> 0.841 ± 0.099
<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> 0.998 ± 0.006	<sup>1,2,3</sup> 0.998 ± 0.006	<sup>1,2,3</sup> 0.998 ± 0.006	<sup>4,6</sup> 0.998 ± 0.006
<i>ecoli-0-3-4-vs-5</i>	<sup>1,2,3</sup> 0.828 ± 0.116	<sup>1,2,3</sup> 0.857 ± 0.116	<sup>1,2,3</sup> 0.857 ± 0.116	<sup>1,2,3</sup> 0.888 ± 0.121	<sup>1,2,3</sup> 0.894 ± 0.126	<sup>1,2,3</sup> 0.895 ± 0.118	<sup>1,2,3</sup> 0.893 ± 0.127

Table 9: Results for AUC metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	2.902	2.805	2.878	4.280	4.707	5.073	5.354
	—	—	—	1,2,3	1,2,3	1,2,3,4	1,2,3,4,5

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 <sup>5,7</sup>	0.809 ± 0.210 <sup>5,7</sup>	0.809 ± 0.210 <sup>5,7</sup>	0.759 ± 0.291 <sup>—</sup>	0.723 ± 0.305 <sup>—</sup>	0.755 ± 0.290 <sup>—</sup>	0.735 ± 0.305 <sup>—</sup>
<i>ecoli-0-2-3-4-vs-5</i>	0.834 ± 0.109 <sup>—</sup>	0.825 ± 0.123 <sup>—</sup>	0.825 ± 0.123 <sup>—</sup>	0.870 ± 0.111 <sup>1,2,3</sup>	0.885 ± 0.106 <sup>1,2,3</sup>	0.880 ± 0.098 <sup>1,2,3</sup>	0.887 ± 0.106 <sup>1,2,3</sup>
<i>glass-0-1-6-vs-2</i>	0.358 ± 0.310 <sup>—</sup>	0.238 ± 0.298 <sup>—</sup>	0.238 ± 0.298 <sup>—</sup>	0.596 ± 0.242 <sup>1,2,3</sup>	0.601 ± 0.260 <sup>1,2,3</sup>	0.598 ± 0.221 <sup>1,2,3,4</sup>	0.613 ± 0.240 <sup>1,2,3,5</sup>
<i>ecoli-0-1-vs-5</i>	0.788 ± 0.125 <sup>—</sup>	0.848 ± 0.123 <sup>—</sup>	0.848 ± 0.123 <sup>—</sup>	0.863 ± 0.104 <sup>1,2,3</sup>	0.880 ± 0.101 <sup>1,2,3</sup>	0.881 ± 0.100 <sup>1,2,3,4</sup>	0.886 ± 0.098 <sup>1,2,3,5</sup>
<i>yeast-1-4-5-8-vs-7</i>	0.261 ± 0.254 <sup>—</sup>	0.049 ± 0.132 <sup>1</sup>	0.049 ± 0.132 <sup>1</sup>	0.375 ± 0.226 <sup>1</sup>	0.316 ± 0.230 <sup>1,2,3</sup>	0.467 ± 0.193 <sup>1,2,3</sup>	0.438 ± 0.190 <sup>1,2,3</sup>
<i>ecoli4</i>	0.854 ± 0.106 <sup>2,3</sup>	0.856 ± 0.129 <sup>—</sup>	0.856 ± 0.129 <sup>—</sup>	0.888 ± 0.112 <sup>1,2,3</sup>	0.898 ± 0.119 <sup>2,3</sup>	0.888 ± 0.112 <sup>1,2,3,4,5</sup>	0.896 ± 0.119 <sup>1,2,3,5</sup>
<i>led7digit-0-2-4-5-6-7-8-9-vs-1</i>	0.871 ± 0.081 <sup>—</sup>	0.874 ± 0.082 <sup>—</sup>	0.874 ± 0.083 <sup>—</sup>	0.499 ± 0.197 <sup>1,2,3</sup>	0.513 ± 0.182 <sup>1,2,3,7</sup>	0.840 ± 0.174 <sup>1,2,3,4</sup>	0.840 ± 0.149 <sup>1,2,3</sup>
<i>glass5</i>	0.729 ± 0.364 <sup>4,5,6,7</sup>	0.764 ± 0.334 <sup>1,4,5</sup>	0.764 ± 0.334 <sup>1,4,5</sup>	0.811 ± 0.321 <sup>—</sup>	0.889 ± 0.248 <sup>—</sup>	0.823 ± 0.321 <sup>4,5</sup>	0.884 ± 0.274 <sup>4,5</sup>
<i>ecoli-0-3-4-6-vs-5</i>	0.796 ± 0.143 <sup>—</sup>	0.809 ± 0.145 <sup>—</sup>	0.809 ± 0.145 <sup>—</sup>	0.874 ± 0.135 <sup>—</sup>	0.880 ± 0.127 <sup>1,2,3,4,6</sup>	0.881 ± 0.117 <sup>4</sup>	0.879 ± 0.127 <sup>1,2,3,6</sup>
<i>yeast-0-5-6-7-9-vs-4</i>	0.605 ± 0.121 <sup>—</sup>	0.560 ± 0.195 <sup>—</sup>	0.558 ± 0.195 <sup>—</sup>	0.760 ± 0.068 <sup>1,2,3</sup>	0.746 ± 0.089 <sup>1,2,3</sup>	0.767 ± 0.071 <sup>1,2,3</sup>	0.762 ± 0.085 <sup>1,2,3</sup>
<i>yeast6</i>	0.670 ± 0.136 <sup>—</sup>	0.633 ± 0.155 <sup>—</sup>	0.633 ± 0.155 <sup>—</sup>	0.761 ± 0.122 <sup>1,2,3</sup>	0.758 ± 0.137 <sup>1,2,3,7</sup>	0.778 ± 0.107 <sup>1,2,3</sup>	0.768 ± 0.133 <sup>1,2,3</sup>
<i>ecoli-0-6-7-vs-5</i>	0.811 ± 0.182 <sup>—</sup>	0.843 ± 0.155 <sup>—</sup>	0.843 ± 0.155 <sup>—</sup>	0.854 ± 0.125 <sup>1,2,3</sup>	0.850 ± 0.127 <sup>1,2,3</sup>	0.855 ± 0.126 <sup>1,2,3</sup>	0.850 ± 0.128 <sup>1,2,3,5</sup>
<i>glass-0-1-6-vs-5</i>	0.729 ± 0.343 <sup>—</sup>	0.871 ± 0.219 <sup>—</sup>	0.871 ± 0.219 <sup>—</sup>	0.788 ± 0.295 <sup>1,7</sup>	0.873 ± 0.220 <sup>7</sup>	0.795 ± 0.296 <sup>—</sup>	0.890 ± 0.182 <sup>—</sup>
<i>ecoli-0-1-3-7-vs-2-6</i>	0.695 ± 0.405 <sup>—</sup>	0.480 ± 0.455 <sup>1,6</sup>	0.480 ± 0.455 <sup>1,6</sup>	0.737 ± 0.385 <sup>—</sup>	0.736 ± 0.385 <sup>1,4,6</sup>	0.735 ± 0.383 <sup>—</sup>	0.732 ± 0.382 <sup>1,4,6</sup>
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.690 ± 0.067 <sup>—</sup>	0.669 ± 0.074 <sup>—</sup>	0.669 ± 0.074 <sup>—</sup>	0.721 ± 0.076 <sup>1,2,3,6,7</sup>	0.715 ± 0.079 <sup>1,2,3,7</sup>	0.728 ± 0.076 <sup>2,3</sup>	0.726 ± 0.080 <sup>2,3</sup>
<i>ecoli-0-1-4-7-vs-5-6</i>	0.784 ± 0.121 <sup>2,3</sup>	0.795 ± 0.110 <sup>—</sup>	0.795 ± 0.110 <sup>—</sup>	0.844 ± 0.130 <sup>1,2,3</sup>	0.880 ± 0.093 <sup>1,2,3</sup>	0.858 ± 0.117 <sup>1,2,3</sup>	0.879 ± 0.096 <sup>1,2,3</sup>
<i>yeast5</i>	0.793 ± 0.113 <sup>—</sup>	0.783 ± 0.099 <sup>—</sup>	0.783 ± 0.099 <sup>—</sup>	0.892 ± 0.078 <sup>1,2,3</sup>	0.908 ± 0.063 <sup>1,2,3,7</sup>	0.901 ± 0.077 <sup>1,2,3</sup>	0.910 ± 0.063 <sup>1,2,3</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>	0.948 ± 0.201 <sup>1,2,3</sup>	0.948 ± 0.201 <sup>1,2,3,4</sup>	0.948 ± 0.201 <sup>1,2,3</sup>	0.948 ± 0.201 <sup>1,2,3,5</sup>
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.770 ± 0.117 <sup>—</sup>	0.773 ± 0.132 <sup>—</sup>	0.779 ± 0.132 <sup>—</sup>	0.821 ± 0.117 <sup>—</sup>	0.836 ± 0.098 <sup>—</sup>	0.815 ± 0.119 <sup>—</sup>	0.828 ± 0.099 <sup>—</sup>
<i>yeast-0-3-5-9-vs-7-8</i>	0.588 ± 0.119 <sup>—</sup>	0.444 ± 0.138 <sup>—</sup>	0.444 ± 0.138 <sup>—</sup>	0.545 ± 0.131 <sup>1,2,3,6</sup>	0.548 ± 0.146 <sup>1,2,3,6,7</sup>	0.570 ± 0.151 <sup>1,2</sup>	0.617 ± 0.129 <sup>1,2,3</sup>
<i>yeast-1-vs-7</i>	0.582 ± 0.181 <sup>2,3,4</sup>	0.269 ± 0.205 <sup>—</sup>	0.269 ± 0.205 <sup>—</sup>	0.589 ± 0.161 <sup>2,3</sup>	0.539 ± 0.206 <sup>2,3</sup>	0.643 ± 0.167 <sup>2,3,4</sup>	0.614 ± 0.175 <sup>2,3,4,5,6</sup>
<i>yeast-1-2-8-9-vs-7</i>	0.475 ± 0.209 <sup>2,3</sup>	0.291 ± 0.226 <sup>—</sup>	0.291 ± 0.226 <sup>—</sup>	0.512 ± 0.201 <sup>2,3</sup>	0.461 ± 0.217 <sup>2,3</sup>	0.570 ± 0.208 <sup>1,2,3,4,5</sup>	0.564 ± 0.201 <sup>2,3,5</sup>
<i>ecoli-0-1-4-6-vs-5</i>	0.756 ± 0.151 <sup>2,3</sup>	0.803 ± 0.124 <sup>—</sup>	0.803 ± 0.124 <sup>—</sup>	0.865 ± 0.089 <sup>2,3,5</sup>	0.871 ± 0.097 <sup>2,3</sup>	0.875 ± 0.090 <sup>1,2,3,5</sup>	0.873 ± 0.098 <sup>1,2,3,5</sup>
<i>glass-0-1-5-vs-2</i>	0.389 ± 0.300 <sup>—</sup>	0.272 ± 0.301 <sup>1</sup>	0.272 ± 0.301 <sup>1</sup>	0.573 ± 0.226 <sup>1,2,3</sup>	0.642 ± 0.200 <sup>1,2,3</sup>	0.609 ± 0.191 <sup>1,2,3</sup>	0.673 ± 0.173 <sup>1,2,3</sup>
<i>yeast-2-vs-4</i>	0.831 ± 0.076 <sup>—</sup>	0.793 ± 0.098 <sup>—</sup>	0.793 ± 0.098 <sup>—</sup>	0.831 ± 0.078 <sup>1,2,3</sup>	0.829 ± 0.077 <sup>1,2,3,4</sup>	0.845 ± 0.081 <sup>1,2,3</sup>	0.838 ± 0.080 <sup>1,2,3,4,6</sup>
<i>glass-0-6-vs-5</i>	0.846 ± 0.301 <sup>2,3</sup>	0.916 ± 0.241 <sup>—</sup>	0.916 ± 0.241 <sup>—</sup>	0.742 ± 0.349 <sup>2,3</sup>	0.791 ± 0.319 <sup>2,3</sup>	0.741 ± 0.349 <sup>2,3,7</sup>	0.791 ± 0.319 <sup>2,3</sup>
<i>glass2</i>	0.276 ± 0.311 <sup>4,6</sup>	0.321 ± 0.291 <sup>4,5,6,7</sup>	0.321 ± 0.291 <sup>4,5,6,7</sup>	0.594 ± 0.242 <sup>—</sup>	0.621 ± 0.241 <sup>6</sup>	0.633 ± 0.233 <sup>—</sup>	0.664 ± 0.202 <sup>6</sup>
<i>yeast-2-vs-8</i>	0.598 ± 0.252 <sup>—</sup>	0.578 ± 0.290 <sup>—</sup>	0.578 ± 0.290 <sup>—</sup>	0.728 ± 0.153 <sup>1,2,3</sup>	0.728 ± 0.153 <sup>1,2,3</sup>	0.731 ± 0.154 <sup>1,2,3</sup>	0.729 ± 0.153 <sup>1,2,3</sup>
<i>vowel0</i>	0.962 ± 0.029 <sup>—</sup>	0.953 ± 0.034 <sup>—</sup>	0.953 ± 0.034 <sup>—</sup>	0.896 ± 0.058 <sup>1,2,3</sup>	0.882 ± 0.058 <sup>1,2,3</sup>	0.916 ± 0.045 <sup>1,2,3</sup>	0.897 ± 0.055 <sup>1,2,3,4,5</sup>
<i>glass-0-4-vs-5</i>	0.991 ± 0.017 <sup>4,5,6,7</sup>	0.988 ± 0.022 <sup>4,5,6,7</sup>	0.988 ± 0.022 <sup>4,5,6,7</sup>	0.974 ± 0.145 <sup>—</sup>	0.974 ± 0.145 <sup>—</sup>	0.974 ± 0.145 <sup>4,5,7</sup>	0.974 ± 0.145 <sup>—</sup>
<i>glass-0-1-4-6-vs-2</i>	0.336 ± 0.298 <sup>4,5,6,7</sup>	0.260 ± 0.316 <sup>4,5,6,7</sup>	0.270 ± 0.316 <sup>4,5,6,7</sup>	0.586 ± 0.245 <sup>—</sup>	0.590 ± 0.214 <sup>—</sup>	0.599 ± 0.231 <sup>—</sup>	0.609 ± 0.225 <sup>—</sup>
<i>yeast4</i>	0.581 ± 0.126 <sup>—</sup>	0.421 ± 0.170 <sup>—</sup>	0.410 ± 0.178 <sup>—</sup>	0.676 ± 0.095 <sup>1,2,3</sup>	0.669 ± 0.095 <sup>1,2,3</sup>	0.712 ± 0.088 <sup>1,2,3</sup>	0.709 ± 0.108 <sup>1,2,3</sup>
<i>ecoli-0-4-6-vs-5</i>	0.787 ± 0.136 <sup>2,3</sup>	0.811 ± 0.127 <sup>—</sup>	0.811 ± 0.127 <sup>—</sup>	0.865 ± 0.120 <sup>1,2,3</sup>	0.875 ± 0.110 <sup>1,2,3</sup>	0.870 ± 0.120 <sup>1,2,3,4,5</sup>	0.877 ± 0.111 <sup>1,2,3,5</sup>
<i>page-blocks-1-3-vs-4</i>	0.952 ± 0.072 <sup>—</sup>	0.973 ± 0.060 <sup>1</sup>	0.973 ± 0.060 <sup>1</sup>	0.844 ± 0.127 <sup>1,2,3</sup>	0.914 ± 0.099 <sup>1,2,3</sup>	0.854 ± 0.123 <sup>1,2,3</sup>	0.927 ± 0.084 <sup>1,2,3</sup>
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.832 ± 0.061 <sup>4,6</sup>	0.845 ± 0.067 <sup>1,4,5,6,7</sup>	0.844 ± 0.066 <sup>1,4,5,6,7</sup>	0.892 ± 0.044 <sup>—</sup>	0.893 ± 0.044 <sup>4,6</sup>	0.889 ± 0.046 <sup>—</sup>	0.892 ± 0.045 <sup>4,6</sup>
<i>ecoli-0-1-vs-2-3-5</i>	0.746 ± 0.175 <sup>—</sup>	0.786 ± 0.158 <sup>—</sup>	0.786 ± 0.158 <sup>—</sup>	0.824 ± 0.124 <sup>1,2,3</sup>	0.823 ± 0.122 <sup>1,2,3</sup>	0.827 ± 0.119 <sup>1,2,3</sup>	0.808 ± 0.128 <sup>1,2,3</sup>
<i>ecoli-0-6-7-vs-3-5</i>	0.780 ± 0.206 <sup>—</sup>	0.730 ± 0.249 <sup>—</sup>	0.739 ± 0.230 <sup>—</sup>	0.808 ± 0.133 <sup>1,2,3,7</sup>	0.805 ± 0.127 <sup>1,2,3,7</sup>	0.819 ± 0.131 <sup>1,2,3,4</sup>	0.812 ± 0.133 <sup>1</sup>
<i>ecoli-0-3-4-7-vs-5-6</i>	0.828 ± 0.102 <sup>—</sup>	0.837 ± 0.113 <sup>—</sup>	0.837 ± 0.113 <sup>—</sup>	0.863 ± 0.099 <sup>—</sup>	0.870 ± 0.099 <sup>—</sup>	0.872 ± 0.098 <sup>—</sup>	0.874 ± 0.088 <sup>—</sup>
<i>ecoli-0-2-6-7-vs-3-5</i>	0.771 ± 0.207 <sup>—</sup>	0.764 ± 0.175 <sup>—</sup>	0.764 ± 0.175 <sup>—</sup>	0.813 ± 0.141 <sup>1</sup>	0.816 ± 0.133 <sup>1,2,3</sup>	0.817 ± 0.131 <sup>1,2,3</sup>	0.822 ± 0.121 <sup>1,2,3</sup>
<i>shuttle-c0-vs-c4</i>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	1.000 ± 0.000 <sup>—</sup>	0.998 ± 0.006 <sup>1,2,3</sup>	0.998 ± 0.006 <sup>1</sup>	0.998 ± 0.006 <sup>1,2,3</sup>	0.998 ± 0.006 <sup>1,4,6</sup>
<i>ecoli-0-3-4-vs-5</i>	0.802 ± 0.148 <sup>—</sup>	0.837 ± 0.145 <sup>—</sup>	0.837 ± 0.145 <sup>—</sup>	0.870 ± 0.151 <sup>—</sup>	0.870 ± 0.186 <sup>—</sup>	0.878 ± 0.145 <sup>—</sup>	0.869 ± 0.186 <sup>—</sup>
	—	1	1	1,2,3	1,2,3	1,2,3	1,2,3

Table 11: Results for GMEAN metric

	CART (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
<i>Mean rank</i>	3.024	2.756	2.829	4.024	4.610	5.305	5.451
	—	—	—	2,3	1,2,3,4	1,2,3,4,5	1,2,3,4,5

Table 12: Results for mean ranks according to GMEAN metric