Table 1 (Results for BAC metric). Each cell shows the value `mean ± std` with the statistical-significance markers for that method on the line below.

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
glass-0-1-6-vs-2	0.565 ± 0.111	0.573 ± 0.119	0.598 ± 0.141	0.715 ± 0.115	0.716 ± 0.116	0.609 ± 0.105	0.605 ± 0.108
ecoli-0-3-4-7-vs-5-6	0.778 ± 0.080 —	0.837 ± 0.083 —	0.897 ± 0.075 1,2	0.885 ± 0.078 1,2,3,6,7	0.885 ± 0.078 1,2,3,6,7	0.887 ± 0.086 1,2,7	0.891 ± 0.079 1,2
shuttle-c2-vs-c4	0.988 ± 0.022 6	0.999 ± 0.005 1	0.999 ± 0.005 1,2	0.890 ± 0.200 1,2	0.890 ± 0.200 1,2	0.886 ± 0.202 1,2	0.888 ± 0.201 1,2
glass-0-1-4-6-vs-2	0.579 ± 0.128 —	0.582 ± 0.129 1,4,5,6,7	0.610 ± 0.154 1,4,5,6,7	0.727 ± 0.104 —	0.727 ± 0.103 —	0.642 ± 0.089 —	0.645 ± 0.082 —
yeast-1-2-8-9-vs-7	0.540 ± 0.011 —	0.541 ± 0.012 —	0.597 ± 0.048 1,2	0.683 ± 0.087 1,2,3,6,7	0.683 ± 0.086 1,2,3,6,7	0.596 ± 0.060 1,2	0.599 ± 0.056 1,2,6
ecoli-0-1-4-6-vs-5	0.847 ± 0.098 —	0.891 ± 0.088 —	0.902 ± 0.087 1,2	0.899 ± 0.079 1,2,3,6,7	0.902 ± 0.076 1,2,3,6,7	0.900 ± 0.075 1,2	0.900 ± 0.081 1,2
glass-0-1-6-vs-5	0.956 ± 0.109 —	0.912 ± 0.144 —	0.888 ± 0.151 1,2	0.861 ± 0.151 1,2	0.861 ± 0.151 1,2	0.861 ± 0.151 1,2	0.860 ± 0.151 1,2
yeast-2-vs-4	0.608 ± 0.128 4,5,6,7	0.591 ± 0.122 —	0.852 ± 0.098 —	0.855 ± 0.071 —	0.856 ± 0.070 —	0.845 ± 0.083 —	0.856 ± 0.068 —
glass-0-6-vs-5	0.945 ± 0.140 2	0.925 ± 0.149 —	0.905 ± 0.156 1,2	0.840 ± 0.178 1,2	0.840 ± 0.178 1,2,4	0.840 ± 0.178 1,2	0.840 ± 0.178 1,2
ecoli-0-3-4-6-vs-5	0.755 ± 0.102 4,5,6,7	0.827 ± 0.099 4,5,6,7	0.899 ± 0.104 —	0.892 ± 0.087 —	0.892 ± 0.087 —	0.895 ± 0.089 —	0.892 ± 0.092 —
yeast-0-3-5-9-vs-7-8	0.550 ± 0.018 —	0.539 ± 0.030 1	0.708 ± 0.073 1,2	0.654 ± 0.066 1,2	0.668 ± 0.066 1,2	0.644 ± 0.056 1,2	0.667 ± 0.068 1,2
glass-0-1-5-vs-2	0.555 ± 0.134 2	0.511 ± 0.115 —	0.609 ± 0.155 all	0.705 ± 0.115 1,2	0.703 ± 0.116 1,2,6	0.572 ± 0.080 1,2	0.572 ± 0.087 1,2,6
ecoli-0-6-7-vs-5	0.813 ± 0.124 2	0.838 ± 0.103 —	0.878 ± 0.096 1,2	0.869 ± 0.102 1,2,3,6,7	0.861 ± 0.101 1,2,3,6,7	0.865 ± 0.104 2	0.860 ± 0.102 2
ecoli-0-2-3-4-vs-5	0.780 ± 0.098 —	0.846 ± 0.094 —	0.902 ± 0.084 1,2	0.904 ± 0.078 1,2,6,7	0.902 ± 0.077 1,2,7	0.902 ± 0.078 1,2	0.897 ± 0.077 1
ecoli4	0.886 ± 0.083 —	0.896 ± 0.065 1	0.933 ± 0.066 1,2,5	0.934 ± 0.081 1,2,3,7	0.936 ± 0.081 1,2,7	0.941 ± 0.078 1,2	0.938 ± 0.079 1,2
yeast5	0.825 ± 0.024 —	0.801 ± 0.029 —	0.846 ± 0.023 1,2	0.972 ± 0.024 1,2,3	0.972 ± 0.024 1,2,3,4	0.965 ± 0.036 1,2,3,5,7	0.964 ± 0.040 1,2,3,4
ecoli-0-4-6-vs-5	0.851 ± 0.114 2	0.888 ± 0.102 —	0.901 ± 0.096 1,2	0.901 ± 0.082 1,2,3	0.902 ± 0.082 1,2,3	0.901 ± 0.085 1,2,3	0.901 ± 0.084 1,2,3
led7digit-0-2-4-5-6-7-8-9-vs-1	0.853 ± 0.073 —	0.871 ± 0.065 1	0.876 ± 0.067 1,2	0.654 ± 0.091 —	0.654 ± 0.091 —	0.889 ± 0.070 1,2,3,4,5	0.889 ± 0.071 1,2,3,4,5
ecoli-0-1-vs-5	0.800 ± 0.143 4,5	0.853 ± 0.126 4,5	0.905 ± 0.082 2,4,5	0.900 ± 0.075 —	0.903 ± 0.072 —	0.907 ± 0.075 1,2,3,4,5	0.907 ± 0.074 1,2,3,4,5
ecoli-0-2-6-7-vs-3-5	0.586 ± 0.145 —	0.640 ± 0.156 1	0.722 ± 0.130 1,2	0.837 ± 0.106 1,2	0.829 ± 0.106 1,2	0.829 ± 0.099 1,2,3	0.824 ± 0.099 1,2
ecoli-0-1-4-7-vs-2-3-5-6	0.651 ± 0.090 —	0.668 ± 0.121 1	0.783 ± 0.140 1,2	0.828 ± 0.101 all	0.856 ± 0.091 1,2,3,7	0.834 ± 0.091 1,2,3	0.872 ± 0.080 1,2,3
shuttle-c0-vs-c4	0.990 ± 0.012 —	0.989 ± 0.013 —	0.989 ± 0.013 1,2	0.994 ± 0.009 1,2,3	0.994 ± 0.009 1,2,3,4,6	0.994 ± 0.009 1,2,3	0.994 ± 0.009 1,2,3,4,6
ecoli-0-6-7-vs-3-5	0.587 ± 0.158 —	0.633 ± 0.171 —	0.746 ± 0.132 —	0.831 ± 0.105 1,2,3	0.829 ± 0.110 1,2,3	0.832 ± 0.095 1,2,3	0.833 ± 0.098 1,2,3
vowel0	0.915 ± 0.037 —	0.903 ± 0.024 —	0.926 ± 0.028 1,2	0.875 ± 0.062 1,2,3	0.915 ± 0.051 1,2,3	0.879 ± 0.054 1,2,3	0.891 ± 0.043 1,2,3
glass4	0.572 ± 0.129 2,4,6,7	0.772 ± 0.145 4,6	0.805 ± 0.145 2,4,6,7	0.758 ± 0.151 —	0.772 ± 0.141 2,4,6,7	0.699 ± 0.159 —	0.730 ± 0.159 —
yeast-0-5-6-7-9-vs-4	0.501 ± 0.026 —	0.500 ± 0.022 1,6	0.737 ± 0.127 1,2,6,7	0.797 ± 0.052 1,6,7	0.804 ± 0.052 1,6,7	0.739 ± 0.088 1	0.765 ± 0.087 1,6
yeast-0-2-5-6-vs-3-7-8-9	0.675 ± 0.048 2	0.776 ± 0.049 —	0.777 ± 0.045 1,2	0.720 ± 0.054 1,2,3,6,7	0.751 ± 0.057 1,2,3,6,7	0.654 ± 0.058 1,2	0.700 ± 0.068 1,2
ecoli-0-1-vs-2-3-5	0.607 ± 0.157 6	0.627 ± 0.170 1,4,5,6,7	0.849 ± 0.119 1,4,5,6,7	0.853 ± 0.096 1,6,7	0.853 ± 0.096 1,4,6,7	0.859 ± 0.082 —	0.867 ± 0.079 1,6
ecoli-0-3-4-vs-5	0.788 ± 0.105 —	0.854 ± 0.110 1	0.899 ± 0.107 1,2	0.908 ± 0.103 1,2	0.903 ± 0.103 1,2	0.909 ± 0.102 1,2	0.904 ± 0.100 1,2
glass5	0.948 ± 0.103 —	0.895 ± 0.155 1	0.885 ± 0.156 1,2	0.893 ± 0.165 1,2,3	0.898 ± 0.156 1,2,3	0.891 ± 0.165 1,2,3	0.895 ± 0.156 1,2,3
yeast4	0.551 ± 0.039 —	0.525 ± 0.025 4,6	0.595 ± 0.046 —	0.805 ± 0.068 3,6	0.809 ± 0.069 2,3,6,7	0.676 ± 0.071 3	0.652 ± 0.087 2,3,4
glass-0-4-vs-5	0.975 ± 0.083 2	0.930 ± 0.119 —	0.915 ± 0.125 1,2	0.915 ± 0.146 1,2,3,6,7	0.910 ± 0.147 all	0.919 ± 0.144 1,2,3,7	0.919 ± 0.144 1,2,3
yeast6	0.636 ± 0.023 2,3	0.638 ± 0.023 —	0.774 ± 0.031 —	0.888 ± 0.056 —	0.887 ± 0.056 —	0.843 ± 0.040 —	0.834 ± 0.054 —
page-blocks-1-3-vs-4	0.765 ± 0.095 —	0.774 ± 0.102 —	0.818 ± 0.126 1,2	0.758 ± 0.106 all	0.796 ± 0.108 1,2,3,6,7	0.739 ± 0.088 1,2,3,7	0.754 ± 0.090 1,2,3
yeast-1-vs-7	0.594 ± 0.037 —	0.594 ± 0.042 —	0.702 ± 0.101 1,2,4,6,7	0.664 ± 0.093 6	0.656 ± 0.098 1,2,4,6,7	0.671 ± 0.087 —	0.674 ± 0.094 —
ecoli-0-1-3-7-vs-2-6	0.831 ± 0.193 —	0.845 ± 0.200 —	0.846 ± 0.199 all	0.842 ± 0.203 1,2,5	0.839 ± 0.204 1,2	0.837 ± 0.199 1,2	0.833 ± 0.200 1,2
yeast-1-4-5-8-vs-7	0.544 ± 0.012 1,6,7	0.546 ± 0.014 1,6,7	0.582 ± 0.055 1,5,6,7	0.630 ± 0.098 1,6,7	0.630 ± 0.098 1,7	0.586 ± 0.064 1,7	0.583 ± 0.066 —
ecoli-0-1-4-7-vs-5-6	0.742 ± 0.131 —	0.842 ± 0.128 1	0.878 ± 0.114 1,2	0.865 ± 0.110 1,2,3,6,7	0.870 ± 0.104 1,2,3,6,7	0.870 ± 0.086 1,2,7	0.886 ± 0.083 1,2
yeast-2-vs-8	0.637 ± 0.090 —	0.694 ± 0.078 1	0.784 ± 0.111 1,2	0.776 ± 0.111 1,2	0.776 ± 0.111 1,2	0.780 ± 0.109 1,2	0.775 ± 0.112 1,2
yeast-0-2-5-7-9-vs-3-6-8	0.576 ± 0.028 —	0.542 ± 0.025 1	0.829 ± 0.097 1,2,4,5,6	0.901 ± 0.034 1,2	0.902 ± 0.034 1,2	0.877 ± 0.054 1,2	0.891 ± 0.052 1,2
glass2	0.607 ± 0.098 2	0.618 ± 0.101 —	0.648 ± 0.128 1,2	0.740 ± 0.109 1,2,3,6	0.739 ± 0.109 1,2,3,6	0.663 ± 0.079 1,2,3	0.664 ± 0.081 1,2,3

Table 1: Results for BAC metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
Mean rank	2.195 —	2.695 —	4.573 1,2	4.817 1,2	4.988 1,2	4.268 1,2	4.463 1,2

Table 2: Results for mean ranks according to BAC metric

Table 3 column headers: Dataset | GNB (1) | OSB (2) | OKNORAU (3) | TBAC (4) | OTBAC (5) | TBAW (6) | OTBAW (7). Each cell shows mean ± std with significance markers in brackets.

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
glass-0-1-6-vs-2	0.184 ± 0.057 [−]	0.187 ± 0.062 [−]	0.210 ± 0.097 [1,2]	0.303 ± 0.098 [1,2,3,6,7]	0.304 ± 0.100 [1,2,3,6,7]	0.203 ± 0.054 [1,2]	0.201 ± 0.055 [1,2]
ecoli-0-3-4-7-vs-5-6	0.414 ± 0.114 [−]	0.513 ± 0.136 [1]	0.759 ± 0.107 [1,2]	0.779 ± 0.123 [1,2,3,6,7]	0.779 ± 0.123 [1,2,3,6,7]	0.758 ± 0.128 [1,2,7]	0.767 ± 0.124 [1]
shuttle-c2-vs-c4	0.881 ± 0.211 [−]	0.990 ± 0.069 [1]	0.990 ± 0.069 [1,2]	0.787 ± 0.398 [1,2,6]	0.787 ± 0.398 [1,2,6]	0.746 ± 0.393 [1,2]	0.763 ± 0.394 [1,2]
glass-0-1-4-6-vs-2	0.177 ± 0.060 [−]	0.178 ± 0.061 [1,4,5,6,7]	0.203 ± 0.088 [1,4,5,6,7]	0.311 ± 0.090 [−]	0.309 ± 0.088 [−]	0.205 ± 0.035 [−]	0.207 ± 0.034 [−]
yeast-1-2-8-9-vs-7	0.066 ± 0.001 [−]	0.067 ± 0.001 [−]	0.076 ± 0.007 [1,2]	0.169 ± 0.056 [1,2,3,6,7]	0.169 ± 0.056 [1,2,3,6,7]	0.084 ± 0.035 [1,2]	0.085 ± 0.035 [1,2,6]
ecoli-0-1-4-6-vs-5	0.652 ± 0.214 [−]	0.661 ± 0.184 [−]	0.753 ± 0.176 [1,2]	0.805 ± 0.109 [1,2,3,6,7]	0.809 ± 0.102 [1,2,3,6,7]	0.787 ± 0.103 [1,2]	0.787 ± 0.119 [1,2]
glass-0-1-6-vs-5	0.807 ± 0.227 [7]	0.763 ± 0.264 [−]	0.752 ± 0.268 [1,2]	0.747 ± 0.264 [1,2,6]	0.747 ± 0.264 [1,2,6]	0.740 ± 0.264 [1,2]	0.736 ± 0.261 [1,2]
yeast-2-vs-4	0.301 ± 0.222 [2]	0.247 ± 0.120 [−]	0.617 ± 0.151 [1,2]	0.759 ± 0.111 [all]	0.736 ± 0.110 [1,2,3,7]	0.701 ± 0.176 [1,2,3,7]	0.692 ± 0.120 [1,2,3]
glass-0-6-vs-5	0.867 ± 0.273 [4,5,6,7]	0.841 ± 0.279 [4,5,6,7]	0.815 ± 0.286 [−]	0.740 ± 0.335 [−]	0.740 ± 0.335 [−]	0.736 ± 0.333 [−]	0.736 ± 0.333 [−]
ecoli-0-3-4-6-vs-5	0.384 ± 0.145 [−]	0.496 ± 0.166 [1]	0.756 ± 0.200 [1,2]	0.768 ± 0.147 [1,2]	0.764 ± 0.145 [1,2]	0.772 ± 0.156 [1,2]	0.765 ± 0.160 [1,2]
yeast-0-3-5-9-vs-7-8	0.196 ± 0.006 [−]	0.192 ± 0.011 [1]	0.339 ± 0.070 [1,2]	0.394 ± 0.122 [1,2]	0.408 ± 0.111 [1,2]	0.381 ± 0.116 [1,2]	0.401 ± 0.120 [1,2]
glass-0-1-5-vs-2	0.200 ± 0.081 [2]	0.175 ± 0.057 [−]	0.240 ± 0.121 [1,2]	0.306 ± 0.096 [1,2,3]	0.304 ± 0.096 [1,2,3]	0.204 ± 0.046 [1,2,3]	0.205 ± 0.052 [1,2]
ecoli-0-6-7-vs-5	0.610 ± 0.231 [2]	0.506 ± 0.148 [−]	0.704 ± 0.176 [1,2,6,7]	0.764 ± 0.171 [1,2,3,6,7]	0.752 ± 0.169 [1,2,3,6,7]	0.715 ± 0.168 [2]	0.708 ± 0.169 [2]
ecoli-0-2-3-4-vs-5	0.442 ± 0.170 [2]	0.553 ± 0.167 [−]	0.752 ± 0.160 [1,2]	0.807 ± 0.121 [1,2,3,6,7]	0.803 ± 0.121 [1,2,3,6,7]	0.793 ± 0.127 [1,2]	0.786 ± 0.126 [1,2]
ecoli4	0.454 ± 0.158 [−]	0.451 ± 0.126 [−]	0.690 ± 0.157 [1,2]	0.852 ± 0.141 [1,2,3,7]	0.822 ± 0.144 [1,2,3,7]	0.840 ± 0.144 [1,2,3]	0.800 ± 0.151 [1,2]
yeast5	0.152 ± 0.019 [−]	0.136 ± 0.018 [−]	0.169 ± 0.022 [1,2]	0.610 ± 0.068 [1,2,3,5,7]	0.610 ± 0.068 [1,2,3,7]	0.588 ± 0.111 [1,2,3,7]	0.586 ± 0.118 [1,2,3]
ecoli-0-4-6-vs-5	0.670 ± 0.212 [2]	0.713 ± 0.200 [−]	0.782 ± 0.191 [1,2]	0.789 ± 0.142 [1,2,3]	0.790 ± 0.140 [1,2,3]	0.777 ± 0.153 [1,2,3]	0.779 ± 0.151 [1,2,3]
led7digit-0-2-4-5-6-7-8-9-vs-1	0.553 ± 0.117 [−]	0.532 ± 0.088 [1]	0.611 ± 0.129 [1,2]	0.387 ± 0.177 [1,2]	0.383 ± 0.173 [1,2]	0.596 ± 0.111 [1,2]	0.593 ± 0.115 [1,2]
ecoli-0-1-vs-5	0.667 ± 0.299 [2,4,5]	0.755 ± 0.222 [4,5]	0.845 ± 0.117 [1,2,4,5]	0.865 ± 0.102 [−]	0.869 ± 0.098 [−]	0.869 ± 0.106 [2,4,5]	0.866 ± 0.105 [2,4,5]
ecoli-0-2-6-7-vs-3-5	0.216 ± 0.296 [−]	0.322 ± 0.280 [1]	0.509 ± 0.232 [1,2]	0.705 ± 0.174 [1,2]	0.687 ± 0.176 [1,2]	0.650 ± 0.174 [1,2,3]	0.644 ± 0.168 [1,2,3]
ecoli-0-1-4-7-vs-2-3-5-6	0.426 ± 0.208 [−]	0.441 ± 0.224 [1]	0.651 ± 0.244 [1,2]	0.749 ± 0.156 [all]	0.780 ± 0.144 [1,2,3,6,7]	0.743 ± 0.144 [1,2,3]	0.779 ± 0.128 [1,2,3]
shuttle-c0-vs-c4	0.978 ± 0.022 [−]	0.978 ± 0.021 [−]	0.979 ± 0.021 [1,2]	0.994 ± 0.009 [1,2,3]	0.994 ± 0.009 [1,2,3,6]	0.994 ± 0.009 [1,2,3]	0.994 ± 0.009 [1,2,3,6]
ecoli-0-6-7-vs-3-5	0.202 ± 0.307 [−]	0.284 ± 0.289 [−]	0.550 ± 0.206 [−]	0.702 ± 0.168 [1,2,3]	0.696 ± 0.173 [1,2,3]	0.680 ± 0.171 [1,2,3]	0.675 ± 0.167 [1,2,3]
vowel0	0.720 ± 0.049 [−]	0.590 ± 0.034 [1]	0.641 ± 0.040 [1,2]	0.798 ± 0.083 [1,2,3]	0.797 ± 0.069 [1,2,3]	0.762 ± 0.077 [1,2,3]	0.671 ± 0.055 [1,2,3]
glass4	0.190 ± 0.222 [2,3,7]	0.432 ± 0.219 [−]	0.523 ± 0.229 [2]	0.477 ± 0.246 [1,2,3,6,7]	0.505 ± 0.229 [1,2,3,6,7]	0.332 ± 0.215 [1,2,3,7]	0.387 ± 0.220 [2,3]
yeast-0-5-6-7-9-vs-4	0.176 ± 0.008 [−]	0.176 ± 0.007 [1,6]	0.356 ± 0.101 [1,2,6,7]	0.515 ± 0.095 [1,6,7]	0.494 ± 0.093 [1,6,7]	0.430 ± 0.131 [1]	0.431 ± 0.106 [1,6]
yeast-0-2-5-6-vs-3-7-8-9	0.466 ± 0.094 [2]	0.599 ± 0.079 [−]	0.605 ± 0.075 [1,2]	0.556 ± 0.098 [all]	0.593 ± 0.091 [1,2,3,6,7]	0.433 ± 0.117 [1,2,3]	0.513 ± 0.114 [1,2,3]
ecoli-0-1-vs-2-3-5	0.267 ± 0.338 [6]	0.307 ± 0.353 [1,4,6,7]	0.780 ± 0.194 [1,4,6,7]	0.799 ± 0.149 [1,6,7]	0.799 ± 0.149 [1,4,6,7]	0.792 ± 0.128 [−]	0.804 ± 0.123 [1,6]
ecoli-0-3-4-vs-5	0.443 ± 0.172 [−]	0.575 ± 0.174 [−]	0.752 ± 0.177 [1,2]	0.797 ± 0.159 [1,2]	0.792 ± 0.161 [1,2]	0.807 ± 0.164 [1,2,3]	0.798 ± 0.162 [1,2]
glass5	0.747 ± 0.183 [−]	0.684 ± 0.254 [−]	0.685 ± 0.257 [1,2]	0.787 ± 0.299 [1,2,3]	0.800 ± 0.278 [1,2,3]	0.752 ± 0.291 [1,2,3]	0.761 ± 0.268 [1,2,3]
yeast4	0.074 ± 0.006 [−]	0.070 ± 0.004 [−]	0.082 ± 0.008 [−]	0.330 ± 0.062 [1,2,3,6,7]	0.325 ± 0.059 [1,2,3,6,7]	0.126 ± 0.067 [2,3]	0.139 ± 0.101 [2,3]
glass-0-4-vs-5	0.925 ± 0.170 [2]	0.866 ± 0.196 [−]	0.846 ± 0.198 [1,2]	0.867 ± 0.258 [all]	0.860 ± 0.258 [1,2,3,6,7]	0.867 ± 0.258 [1,2,3]	0.867 ± 0.258 [1,2,3,6]
yeast6	0.063 ± 0.004 [2,3]	0.063 ± 0.004 [−]	0.109 ± 0.024 [−]	0.386 ± 0.052 [−]	0.379 ± 0.052 [−]	0.189 ± 0.078 [−]	0.205 ± 0.117 [−]
page-blocks-1-3-vs-4	0.502 ± 0.143 [−]	0.493 ± 0.149 [−]	0.546 ± 0.174 [1,2]	0.551 ± 0.176 [all]	0.595 ± 0.169 [1,2,3,6,7]	0.519 ± 0.150 [1,2,3]	0.532 ± 0.146 [1,2,3,6]
yeast-1-vs-7	0.148 ± 0.011 [2]	0.148 ± 0.012 [−]	0.218 ± 0.060 [1,2]	0.245 ± 0.095 [1,2,6,7]	0.222 ± 0.073 [all]	0.214 ± 0.080 [−]	0.207 ± 0.056 [1,2]
ecoli-0-1-3-7-vs-2-6	0.421 ± 0.251 [−]	0.627 ± 0.359 [1]	0.641 ± 0.360 [1,2]	0.632 ± 0.356 [1,2,5,6,7]	0.597 ± 0.345 [1,2]	0.529 ± 0.314 [1,2]	0.505 ± 0.301 [1,2]
yeast-1-4-5-8-vs-7	0.090 ± 0.002 [−]	0.091 ± 0.002 [1,6,7]	0.099 ± 0.011 [1,6,7]	0.145 ± 0.053 [1,6,7]	0.145 ± 0.053 [1,6,7]	0.102 ± 0.024 [1]	0.101 ± 0.024 [1]
ecoli-0-1-4-7-vs-5-6	0.590 ± 0.239 [−]	0.704 ± 0.206 [1]	0.761 ± 0.189 [1,2]	0.780 ± 0.186 [1,2,3,6,7]	0.778 ± 0.182 [1,2,3,6,7]	0.775 ± 0.136 [1,2,7]	0.786 ± 0.140 [1,2]
yeast-2-vs-8	0.193 ± 0.205 [−]	0.191 ± 0.160 [1]	0.586 ± 0.181 [1,2]	0.665 ± 0.200 [1,2]	0.665 ± 0.200 [1,2]	0.660 ± 0.205 [1,2]	0.661 ± 0.207 [1,2]
yeast-0-2-5-7-9-vs-3-6-8	0.206 ± 0.012 [2]	0.193 ± 0.010 [−]	0.499 ± 0.140 [1,2]	0.785 ± 0.081 [1,2,3]	0.752 ± 0.082 [1,2,3]	0.728 ± 0.179 [1,2,3]	0.717 ± 0.124 [1,2,3]
glass2	0.186 ± 0.050 [−]	0.190 ± 0.052 [−]	0.222 ± 0.081 [1,2]	0.322 ± 0.103 [1,2,3,6,7]	0.320 ± 0.102 [1,2,3,6,7]	0.210 ± 0.043 [1,2]	0.211 ± 0.043 [1,2]

Table 3: Results for F1 metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
Mean rank	2.049 [−]	2.232 [−]	3.793 [1,2]	5.939 [all]	5.549 [1,2,3,6,7]	4.171 [1,2]	4.268 [1,2]

Table 4: Results for mean ranks according to F1 metric

Table 5 — Results for Precision metric. Each cell shows the value (mean ± std) with its significance group on the line below (codes in brackets; "–" = none).

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
glass-0-1-6-vs-2	0.106 ± 0.034 [–]	0.107 ± 0.037 [–]	0.128 ± 0.064 [1,2]	0.194 ± 0.068 [1,2,3,6,7]	0.194 ± 0.069 [1,2,3,6,7]	0.115 ± 0.033 [1,2,7]	0.114 ± 0.033 [1]
ecoli-0-3-4-7-vs-5-6	0.326 ± 0.160 [–]	0.396 ± 0.164 [1]	0.715 ± 0.126 [1,2]	0.780 ± 0.144 [1,2,3,6]	0.780 ± 0.143 [1,2,3,6]	0.731 ± 0.132 [1,2]	0.738 ± 0.136 [1,2]
shuttle-c2-vs-c4	0.840 ± 0.277 [–]	0.987 ± 0.093 [1]	0.987 ± 0.093 [1,2]	0.800 ± 0.400 [1,2,3,6]	0.800 ± 0.400 [1,2,3,6]	0.740 ± 0.404 [1,2]	0.763 ± 0.401 [1,2]
glass-0-1-4-6-vs-2	0.101 ± 0.034 [–]	0.101 ± 0.035 [1,4,5,6,7]	0.121 ± 0.053 [1,4,5,6,7]	0.200 ± 0.063 [–]	0.199 ± 0.062 [–]	0.116 ± 0.020 [–]	0.117 ± 0.020 [–]
yeast-1-2-8-9-vs-7	0.034 ± 0.000 [–]	0.034 ± 0.000 [–]	0.040 ± 0.004 [1,2]	0.101 ± 0.034 [1,2,3,6,7]	0.101 ± 0.034 [1,2,3,6,7]	0.046 ± 0.024 [1,2]	0.046 ± 0.024 [1,2,6]
ecoli-0-1-4-6-vs-5	0.624 ± 0.271 [–]	0.570 ± 0.226 [–]	0.712 ± 0.218 [1,2]	0.834 ± 0.155 [1,2,3,6,7]	0.836 ± 0.152 [1,2,3,6,7]	0.796 ± 0.165 [1,2]	0.793 ± 0.171 [1,2]
glass-0-1-6-vs-5	0.756 ± 0.272 [–]	0.745 ± 0.294 [–]	0.770 ± 0.299 [1,2]	0.830 ± 0.289 [1,2,3,6]	0.830 ± 0.289 [1,2,3,6]	0.813 ± 0.291 [1,2]	0.807 ± 0.291 [1,2]
yeast-2-vs-4	0.235 ± 0.270 [–]	0.152 ± 0.101 [–]	0.511 ± 0.154 [–]	0.818 ± 0.143 [2]	0.756 ± 0.142 [2]	0.709 ± 0.230 [–]	0.658 ± 0.153 [–]
glass-0-6-vs-5	0.853 ± 0.284 [2]	0.850 ± 0.287 [–]	0.843 ± 0.293 [1,2]	0.860 ± 0.346 [all]	0.860 ± 0.346 [1,2,3,7]	0.853 ± 0.347 [1,2,3,7]	0.853 ± 0.347 [1,2,3]
ecoli-0-3-4-6-vs-5	0.274 ± 0.157 [–]	0.372 ± 0.181 [–]	0.702 ± 0.232 [–]	0.742 ± 0.177 [1,2]	0.737 ± 0.175 [1,2]	0.748 ± 0.192 [1,2]	0.739 ± 0.191 [1,2]
yeast-0-3-5-9-vs-7-8	0.109 ± 0.003 [–]	0.107 ± 0.006 [1]	0.235 ± 0.066 [1,2]	0.507 ± 0.180 [1,2]	0.464 ± 0.145 [1,2]	0.568 ± 0.251 [1,2]	0.475 ± 0.213 [1,2]
glass-0-1-5-vs-2	0.119 ± 0.052 [2]	0.101 ± 0.033 [–]	0.153 ± 0.083 [1,2]	0.196 ± 0.066 [1,2,3,5]	0.193 ± 0.067 [1,2,3]	0.116 ± 0.028 [1,2,3,5,7]	0.116 ± 0.032 [1,2,3]
ecoli-0-6-7-vs-5	0.597 ± 0.279 [2]	0.387 ± 0.172 [–]	0.655 ± 0.227 [1,2,6,7]	0.803 ± 0.197 [1,2,3,6,7]	0.796 ± 0.196 [1,2,3,6,7]	0.708 ± 0.204 [2]	0.699 ± 0.199 [2]
ecoli-0-2-3-4-vs-5	0.337 ± 0.200 [2]	0.438 ± 0.201 [–]	0.694 ± 0.204 [1,2]	0.809 ± 0.164 [1,2,3,6,7]	0.809 ± 0.172 [1,2,3,6,7]	0.782 ± 0.174 [1,2]	0.779 ± 0.178 [1,2]
ecoli4	0.315 ± 0.155 [–]	0.304 ± 0.121 [1]	0.574 ± 0.192 [1,2]	0.849 ± 0.171 [1,2,3,7]	0.786 ± 0.175 [1,2,3]	0.821 ± 0.188 [1,2,3]	0.749 ± 0.191 [1,2,3]
yeast5	0.082 ± 0.011 [–]	0.073 ± 0.010 [–]	0.093 ± 0.013 [1,2]	0.446 ± 0.069 [1,2,3,7]	0.446 ± 0.069 [1,2,3,7]	0.428 ± 0.100 [1,2,3,7]	0.426 ± 0.104 [1,2,3]
ecoli-0-4-6-vs-5	0.621 ± 0.241 [2]	0.646 ± 0.244 [–]	0.767 ± 0.249 [1,2]	0.768 ± 0.181 [1,2,3]	0.770 ± 0.178 [1,2,3]	0.744 ± 0.197 [1,2,3]	0.748 ± 0.194 [1,2,3]
led7digit-0-2-4-5-6-7-8-9-vs-1	0.428 ± 0.117 [–]	0.387 ± 0.082 [–]	0.512 ± 0.189 [1,2]	0.481 ± 0.233 [1,2]	0.472 ± 0.226 [1,2]	0.467 ± 0.121 [1,2]	0.464 ± 0.126 [1,2]
ecoli-0-1-vs-5	0.785 ± 0.364 [2]	0.838 ± 0.236 [–]	0.907 ± 0.139 [1,2]	0.960 ± 0.094 [2]	0.960 ± 0.094 [2]	0.949 ± 0.112 [2]	0.945 ± 0.114 [2]
ecoli-0-2-6-7-vs-3-5	0.266 ± 0.354 [–]	0.416 ± 0.345 [1]	0.635 ± 0.288 [2]	0.735 ± 0.193 [1,2,3]	0.719 ± 0.207 [1,2,3]	0.639 ± 0.223 [1,2,3]	0.628 ± 0.203 [1,2,3]
ecoli-0-1-4-7-vs-2-3-5-6	0.778 ± 0.304 [–]	0.758 ± 0.295 [1]	0.826 ± 0.215 [1,2]	0.908 ± 0.131 [all]	0.878 ± 0.134 [1,2,6,7]	0.862 ± 0.157 [1,2]	0.819 ± 0.138 [1,2]
shuttle-c0-vs-c4	0.976 ± 0.038 [–]	0.977 ± 0.035 [–]	0.978 ± 0.035 [2]	1.000 ± 0.000 [1,2,3,6,7]	1.000 ± 0.000 [2,7]	1.000 ± 0.000 [2,7]	1.000 ± 0.000 [–]
ecoli-0-6-7-vs-3-5	0.219 ± 0.313 [–]	0.348 ± 0.332 [–]	0.691 ± 0.236 [–]	0.750 ± 0.192 [1,2,3]	0.746 ± 0.189 [1,2,3]	0.681 ± 0.206 [1,2,3]	0.669 ± 0.188 [1,2,3]
vowel0	0.610 ± 0.063 [–]	0.434 ± 0.036 [–]	0.484 ± 0.039 [1,2]	0.851 ± 0.078 [1,2,3,6,7]	0.750 ± 0.072 [1,2,3,6,7]	0.750 ± 0.080 [1,2]	0.559 ± 0.058 [1,2]
glass4	0.207 ± 0.281 [2,3,7]	0.377 ± 0.262 [–]	0.473 ± 0.255 [2]	0.451 ± 0.280 [all]	0.483 ± 0.272 [1,2,3,7]	0.272 ± 0.216 [1,2,3,7]	0.341 ± 0.253 [2,3]
yeast-0-5-6-7-9-vs-4	0.097 ± 0.005 [–]	0.097 ± 0.004 [1,6]	0.232 ± 0.078 [1,2,6,7]	0.424 ± 0.132 [1,2,6,7]	0.381 ± 0.116 [1,2,6,7]	0.345 ± 0.145 [–]	0.316 ± 0.101 [1]
yeast-0-2-5-6-vs-3-7-8-9	0.643 ± 0.115 [2]	0.612 ± 0.088 [–]	0.624 ± 0.089 [1,2]	0.721 ± 0.104 [all]	0.696 ± 0.098 [1,2,3,6,7]	0.710 ± 0.129 [1,2,3,7]	0.715 ± 0.099 [1,2,3]
ecoli-0-1-vs-2-3-5	0.433 ± 0.470 [2]	0.466 ± 0.467 [–]	0.924 ± 0.139 [2]	0.953 ± 0.107 [1,2,3,5]	0.953 ± 0.107 [1,2,3]	0.904 ± 0.146 [1,2,3]	0.898 ± 0.134 [1,2,3]
ecoli-0-3-4-vs-5	0.335 ± 0.202 [–]	0.462 ± 0.190 [–]	0.701 ± 0.191 [1,2]	0.786 ± 0.168 [1,2,7]	0.783 ± 0.171 [1,2,7]	0.799 ± 0.177 [1,2]	0.791 ± 0.176 [1,2]
glass5	0.655 ± 0.213 [–]	0.627 ± 0.267 [1]	0.650 ± 0.281 [1,2]	0.837 ± 0.315 [1,2,3]	0.857 ± 0.292 [1,2,3]	0.770 ± 0.314 [1,2,3]	0.783 ± 0.294 [1,2,3]
yeast4	0.038 ± 0.003 [–]	0.036 ± 0.002 [–]	0.043 ± 0.004 [–]	0.217 ± 0.043 [1,2,3,6,7]	0.212 ± 0.039 [1,2,3,6,7]	0.071 ± 0.047 [1,2,3]	0.083 ± 0.071 [1,2,3]
glass-0-4-vs-5	0.913 ± 0.195 [2]	0.910 ± 0.200 [–]	0.910 ± 0.200 [1,2]	0.940 ± 0.237 [all]	0.940 ± 0.237 [1,2,3,6,7]	0.930 ± 0.245 [1,2,3]	0.930 ± 0.245 [1,2,3,6]
yeast6	0.032 ± 0.002 [–]	0.033 ± 0.002 [–]	0.058 ± 0.014 [–]	0.253 ± 0.040 [all]	0.247 ± 0.039 [1,2,3,6,7]	0.109 ± 0.054 [1,2,3]	0.122 ± 0.085 [1,2,3,6]
page-blocks-1-3-vs-4	0.468 ± 0.156 [–]	0.440 ± 0.158 [–]	0.473 ± 0.164 [1,2]	0.605 ± 0.210 [all]	0.603 ± 0.179 [1,2,3,6,7]	0.565 ± 0.179 [1,2,3]	0.556 ± 0.172 [1,2,3,6]
yeast-1-vs-7	0.080 ± 0.006 [2]	0.080 ± 0.007 [–]	0.127 ± 0.036 [2]	0.168 ± 0.092 [1,2,3,6,7]	0.141 ± 0.046 [1,2,3,6,7]	0.132 ± 0.067 [1,2,3]	0.123 ± 0.037 [1,2,3]
ecoli-0-1-3-7-vs-2-6	0.353 ± 0.279 [–]	0.620 ± 0.387 [–]	0.640 ± 0.384 [1,2]	0.634 ± 0.387 [all]	0.590 ± 0.383 [1,2,3,6,7]	0.507 ± 0.369 [1,2]	0.484 ± 0.366 [1,2]
yeast-1-4-5-8-vs-7	0.047 ± 0.001 [–]	0.048 ± 0.001 [1,6,7]	0.052 ± 0.006 [1,6,7]	0.085 ± 0.031 [1,6,7]	0.085 ± 0.031 [1,6,7]	0.054 ± 0.014 [1]	0.054 ± 0.014 [1]
ecoli-0-1-4-7-vs-5-6	0.838 ± 0.239 [–]	0.746 ± 0.193 [1]	0.768 ± 0.190 [1,2]	0.862 ± 0.184 [1,2,3,6,7]	0.842 ± 0.193 [1,2,3,6,7]	0.823 ± 0.164 [1,2,7]	0.811 ± 0.180 [1,2]
yeast-2-vs-8	0.171 ± 0.241 [2,3]	0.150 ± 0.191 [–]	0.683 ± 0.256 [2]	0.911 ± 0.189 [2,3,6,7]	0.911 ± 0.189 [2,3,7]	0.856 ± 0.236 [2,3]	0.896 ± 0.211 [2,3]
yeast-0-2-5-7-9-vs-3-6-8	0.115 ± 0.007 [2]	0.107 ± 0.006 [–]	0.362 ± 0.132 [1,2]	0.757 ± 0.132 [1,2,3]	0.688 ± 0.123 [1,2,3]	0.702 ± 0.235 [1,2,3]	0.641 ± 0.153 [1,2,3]
glass2	0.106 ± 0.029 [–]	0.108 ± 0.030 [–]	0.133 ± 0.052 [1,2,6,7]	0.210 ± 0.078 [1,2,3,6,7]	0.209 ± 0.078 [1,2,3,6,7]	0.119 ± 0.026 [1,2]	0.120 ± 0.026 [1,2]

Table 5: Results for Precision metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
Mean rank	1.902 [–]	1.756 [–]	3.585 [1,2]	6.476 [all]	5.841 [1,2,3,6,7]	4.463 [1,2,3,7]	3.976 [1,2]

Table 6: Results for mean ranks according to Precision metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
glass-0-1-6-vs-2	0.737 ± 0.215 [3]	0.778 ± 0.244 [3]	0.640 ± 0.258 [–]	0.735 ± 0.222 [3]	0.740 ± 0.225 [3]	0.887 ± 0.205 [1,2,3,4,5]	0.887 ± 0.211 [1,2,3,4,5]
ecoli-0-3-4-7-vs-5-6	0.792 ± 0.236 [–]	0.844 ± 0.180 [4,5]	0.832 ± 0.151 [–]	0.796 ± 0.152 [–]	0.796 ± 0.152 [–]	0.808 ± 0.169 [–]	0.816 ± 0.154 [–]
shuttle-c2-vs-c4	1.000 ± 0.000 [4,5,6,7]	1.000 ± 0.000 [4,5,6,7]	1.000 ± 0.000 [4,5,6,7]	0.780 ± 0.401 [–]	0.780 ± 0.401 [–]	0.780 ± 0.401 [–]	0.780 ± 0.401 [–]
glass-0-1-4-6-vs-2	0.745 ± 0.267 [3]	0.763 ± 0.273 [3]	0.655 ± 0.286 [–]	0.730 ± 0.195 [–]	0.730 ± 0.195 [–]	0.902 ± 0.161 [1,2,3,4,5]	0.917 ± 0.141 [1,2,3,4,5]
yeast-1-2-8-9-vs-7	1.000 ± 0.000 [3,4,5,6,7]	1.000 ± 0.000 [3,4,5,6,7]	0.927 ± 0.106 [4,5,6,7]	0.520 ± 0.172 [–]	0.520 ± 0.172 [–]	0.833 ± 0.221 [4,5]	0.840 ± 0.230 [4,5]
ecoli-0-1-4-6-vs-5	0.750 ± 0.173 [–]	0.850 ± 0.150 [1]	0.840 ± 0.164 [1]	0.815 ± 0.164 [1]	0.820 ± 0.158 [1]	0.820 ± 0.158 [1]	0.820 ± 0.166 [1]
glass-0-1-6-vs-5	0.930 ± 0.223 [3,4,5,6,7]	0.840 ± 0.290 [4,5,6,7]	0.790 ± 0.301 [4,5,6,7]	0.730 ± 0.303 [–]	0.730 ± 0.303 [–]	0.730 ± 0.303 [–]	0.730 ± 0.303 [–]
yeast-2-vs-4	0.921 ± 0.100 [3,4,5,6,7]	0.936 ± 0.083 [4,5,6,7]	0.838 ± 0.106 [4,5,6,7]	0.731 ± 0.142 [–]	0.743 ± 0.142 [–]	0.759 ± 0.140 [–]	0.770 ± 0.131 [–]
glass-0-6-vs-5	0.900 ± 0.282 [3,4,5,6,7]	0.860 ± 0.300 [3,4,5,6,7]	0.820 ± 0.312 [4,5,6,7]	0.680 ± 0.357 [–]	0.680 ± 0.357 [–]	0.680 ± 0.357 [4]	0.680 ± 0.357 [4,5]
ecoli-0-3-4-6-vs-5	0.840 ± 0.171 [–]	0.860 ± 0.159 [–]	0.850 ± 0.173 [–]	0.820 ± 0.166 [–]	0.820 ± 0.166 [–]	0.825 ± 0.167 [–]	0.820 ± 0.173 [–]
yeast-0-3-5-9-vs-7-8	0.992 ± 0.033 [3,4,5,6,7]	0.974 ± 0.059 [3,4,5,6,7]	0.682 ± 0.176 [4,5,6,7]	0.350 ± 0.144 [–]	0.392 ± 0.146 [4,6]	0.346 ± 0.171 [–]	0.416 ± 0.183 [4,6]
glass-0-1-5-vs-2	0.675 ± 0.253 [3]	0.700 ± 0.244 [3]	0.605 ± 0.277 [–]	0.745 ± 0.238 [3]	0.745 ± 0.238 [3]	0.878 ± 0.181 [1,2,3,4,5]	0.888 ± 0.181 [1,2,3,4,5]
ecoli-0-6-7-vs-5	0.720 ± 0.210 [–]	0.845 ± 0.179 [1,4,5,6,7]	0.815 ± 0.171 [1,4,5,6,7]	0.760 ± 0.199 [–]	0.745 ± 0.196 [–]	0.770 ± 0.205 [–]	0.760 ± 0.199 [–]
ecoli-0-2-3-4-vs-5	0.830 ± 0.153 [–]	0.850 ± 0.150 [–]	0.855 ± 0.150 [–]	0.835 ± 0.155 [–]	0.830 ± 0.153 [–]	0.835 ± 0.155 [–]	0.825 ± 0.152 [–]
ecoli4	0.940 ± 0.106 [–]	0.950 ± 0.099 [–]	0.920 ± 0.116 [–]	0.880 ± 0.160 [–]	0.890 ± 0.159 [–]	0.900 ± 0.158 [–]	0.900 ± 0.158 [–]
yeast5	0.996 ± 0.031 [4,5]	0.996 ± 0.031 [4,5,6,7]	0.996 ± 0.031 [–]	0.982 ± 0.046 [–]	0.982 ± 0.046 [–]	0.978 ± 0.050 [–]	0.978 ± 0.050 [–]
ecoli-0-4-6-vs-5	0.780 ± 0.184 [–]	0.850 ± 0.158 [1]	0.845 ± 0.165 [1]	0.835 ± 0.155 [1]	0.835 ± 0.155 [1]	0.840 ± 0.156 [1]	0.840 ± 0.156 [1]
led7digit-0-2-4-5-6-7-8-9-vs-1	0.816 ± 0.137 [4,5]	0.874 ± 0.127 [1,3,4,5]	0.845 ± 0.138 [4,5]	0.345 ± 0.179 [–]	0.345 ± 0.179 [–]	0.881 ± 0.150 [1,3,4,5]	0.883 ± 0.151 [1,3,4,5]
ecoli-0-1-vs-5	0.620 ± 0.279 [–]	0.720 ± 0.248 [1]	0.820 ± 0.166 [1,2]	0.805 ± 0.152 [1,2]	0.810 ± 0.146 [1,2]	0.820 ± 0.150 [1,2]	0.820 ± 0.150 [1,2]
ecoli-0-2-6-7-vs-3-5	0.199 ± 0.290 [–]	0.315 ± 0.325 [1]	0.476 ± 0.266 [1,2]	0.704 ± 0.206 [1,2]	0.691 ± 0.205 [1,2]	0.717 ± 0.195 [1,2]	0.704 ± 0.192 [1,2]
ecoli-0-1-4-7-vs-2-3-5-6	0.308 ± 0.178 [–]	0.346 ± 0.245 [–]	0.575 ± 0.279 [1,2]	0.663 ± 0.201 [1,2]	0.722 ± 0.182 [1,2,3]	0.681 ± 0.184 [1,2]	0.761 ± 0.160 [1,2,3]
shuttle-c0-vs-c4	0.982 ± 0.025 [–]	0.980 ± 0.027 [–]	0.980 ± 0.027 [–]	0.989 ± 0.018 [1,2,3]	0.989 ± 0.018 [1,2,3,4]	0.989 ± 0.018 [1,2,3]	0.989 ± 0.018 [all]
ecoli-0-6-7-vs-3-5	0.199 ± 0.320 [–]	0.297 ± 0.359 [–]	0.520 ± 0.276 [–]	0.691 ± 0.207 [2,3]	0.686 ± 0.217 [2,3]	0.708 ± 0.177 [2,3]	0.710 ± 0.187 [2,3]
vowel0	0.889 ± 0.081 [4,6,7]	0.929 ± 0.053 [1,4,5,6,7]	0.954 ± 0.058 [all]	0.763 ± 0.126 [–]	0.859 ± 0.102 [4,6,7]	0.784 ± 0.108 [–]	0.850 ± 0.089 [4,6]
glass4	0.210 ± 0.244 [–]	0.637 ± 0.280 [1,6]	0.667 ± 0.288 [1,4,6]	0.567 ± 0.296 [1]	0.593 ± 0.275 [1]	0.523 ± 0.296 [–]	0.577 ± 0.296 [1]
yeast-0-5-6-7-9-vs-4	0.969 ± 0.045 [3,4,5,6,7]	0.977 ± 0.041 [3,4,5,6,7]	0.871 ± 0.109 [4,5,6,7]	0.721 ± 0.111 [–]	0.758 ± 0.108 [4,6]	0.705 ± 0.168 [–]	0.756 ± 0.130 [4,6]
yeast-0-2-5-6-vs-3-7-8-9	0.372 ± 0.096 [6]	0.595 ± 0.099 [1,4,6,7]	0.595 ± 0.090 [1,4,6,7]	0.460 ± 0.109 [1,6,7]	0.527 ± 0.117 [1,4,6,7]	0.323 ± 0.118 [–]	0.420 ± 0.144 [1,6]
ecoli-0-1-vs-2-3-5	0.218 ± 0.314 [–]	0.260 ± 0.340 [–]	0.704 ± 0.235 [1,2]	0.711 ± 0.192 [1,2]	0.711 ± 0.192 [1,2]	0.728 ± 0.163 [1,2]	0.744 ± 0.154 [1,2]
ecoli-0-3-4-vs-5	0.845 ± 0.186 [–]	0.850 ± 0.193 [–]	0.845 ± 0.205 [–]	0.845 ± 0.205 [–]	0.835 ± 0.203 [–]	0.845 ± 0.199 [–]	0.835 ± 0.197 [–]
glass5	0.920 ± 0.208 [–]	0.810 ± 0.314 [–]	0.790 ± 0.317 [–]	0.790 ± 0.333 [–]	0.800 ± 0.316 [–]	0.790 ± 0.333 [–]	0.800 ± 0.316 [–]
yeast4	0.961 ± 0.057 [3,4,5,6,7]	0.971 ± 0.048 [3,4,5,6,7]	0.944 ± 0.067 [4,5]	0.703 ± 0.140 [–]	0.714 ± 0.143 [–]	0.886 ± 0.140 [4,5]	0.886 ± 0.155 [4,5]
glass-0-4-vs-5	0.960 ± 0.168 [3,4,5,6,7]	0.870 ± 0.241 [3,4,5,6,7]	0.840 ± 0.253 [4,5,6,7]	0.830 ± 0.293 [–]	0.820 ± 0.295 [–]	0.840 ± 0.290 [4,5]	0.840 ± 0.290 [4,5]
yeast6	0.986 ± 0.042 [all]	0.991 ± 0.033 [–]	0.937 ± 0.086 [–]	0.837 ± 0.117 [–]	0.837 ± 0.117 [–]	0.906 ± 0.093 [–]	0.891 ± 0.101 [–]
page-blocks-1-3-vs-4	0.576 ± 0.190 [3,4,5,6,7]	0.600 ± 0.205 [3,4,5,6,7]	0.687 ± 0.252 [4,5,6,7]	0.541 ± 0.209 [–]	0.620 ± 0.216 [–]	0.505 ± 0.175 [4,5]	0.537 ± 0.179 [4,5]
yeast-1-vs-7	0.973 ± 0.077 [6,7]	0.970 ± 0.086 [4,6,7]	0.793 ± 0.209 [all]	0.540 ± 0.206 [6]	0.543 ± 0.212 [1,4,6,7]	0.730 ± 0.223 [–]	0.743 ± 0.211 [6]
ecoli-0-1-3-7-vs-2-6	0.700 ± 0.400 [3,4,5,6,7]	0.700 ± 0.400 [3,4,5,6,7]	0.700 ± 0.400 [4,5,6]	0.700 ± 0.400 [–]	0.700 ± 0.400 [–]	0.700 ± 0.400 [4,5]	0.700 ± 0.400 [4,5]
yeast-1-4-5-8-vs-7	1.000 ± 0.000 [3,4,5,6,7]	1.000 ± 0.000 [3,4,5,6,7]	0.910 ± 0.125 [4,5]	0.513 ± 0.193 [–]	0.513 ± 0.193 [–]	0.867 ± 0.194 [4,5]	0.863 ± 0.201 [4,5]
ecoli-0-1-4-7-vs-5-6	0.492 ± 0.259 [–]	0.704 ± 0.256 [1]	0.776 ± 0.224 [1,2]	0.740 ± 0.220 [1]	0.752 ± 0.209 [1]	0.756 ± 0.171 [1,2]	0.792 ± 0.164 [1,2,4]
yeast-2-vs-8	0.890 ± 0.218 [3,4,5,6,7]	0.870 ± 0.213 [3,4,5,6,7]	0.585 ± 0.232 [4,5]	0.555 ± 0.219 [–]	0.555 ± 0.219 [–]	0.580 ± 0.202 [4,5]	0.565 ± 0.216 [4,5]
yeast-0-2-5-7-9-vs-3-6-8	0.986 ± 0.031 [3,4,5,6,7]	0.987 ± 0.026 [3,4,5,6,7]	0.905 ± 0.074 [4,5,6,7]	0.836 ± 0.077 [–]	0.853 ± 0.078 [4,6]	0.835 ± 0.082 [–]	0.856 ± 0.078 [4,6]
glass2	0.773 ± 0.200 [–]	0.823 ± 0.209 [3,4,5]	0.725 ± 0.235 [–]	0.732 ± 0.198 [–]	0.732 ± 0.198 [–]	0.922 ± 0.133 [1,2,3,4,5]	0.922 ± 0.133 [1,2,3,4,5]

Table 7: Results for Recall metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
Mean rank	4.073 [4]	5.378 [1,3,4,5,6]	4.634 [4,5]	2.707 [–]	3.134 [4]	3.866 [4,5]	4.207 [4,5]

Table 8: Results for mean ranks according to Recall metric

Table 9 (markers shown in brackets are the significance-superscripts that appear with each value):

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
glass-0-1-6-vs-2	0.565 ± 0.111 [–]	0.573 ± 0.119 [–]	0.598 ± 0.141 [1,2]	0.715 ± 0.115 [1,2,3,6,7]	0.716 ± 0.116 [1,2,3,6,7]	0.609 ± 0.105 [1,2,7]	0.605 ± 0.108 [1,2]
ecoli-0-3-4-7-vs-5-6	0.778 ± 0.080 [–]	0.837 ± 0.083 [1]	0.897 ± 0.075 [1,2]	0.885 ± 0.078 [1,2]	0.885 ± 0.078 [1,2]	0.887 ± 0.086 [1,2]	0.891 ± 0.079 [1,2]
shuttle-c2-vs-c4	0.988 ± 0.022 [6]	0.999 ± 0.005 [1,4,5,6,7]	0.999 ± 0.005 [1,4,5,6,7]	0.890 ± 0.200 [–]	0.890 ± 0.200 [–]	0.886 ± 0.202 [–]	0.888 ± 0.201 [–]
glass-0-1-4-6-vs-2	0.579 ± 0.128 [–]	0.582 ± 0.129 [–]	0.610 ± 0.154 [1,2]	0.727 ± 0.104 [1,2,3,6,7]	0.727 ± 0.103 [1,2,3,6,7]	0.642 ± 0.089 [1,2]	0.645 ± 0.082 [1,2,6]
yeast-1-2-8-9-vs-7	0.540 ± 0.011 [–]	0.541 ± 0.012 [–]	0.597 ± 0.048 [1,2]	0.683 ± 0.087 [1,2,3,6,7]	0.683 ± 0.086 [1,2,3,6,7]	0.596 ± 0.060 [1,2]	0.599 ± 0.056 [1,2]
ecoli-0-1-4-6-vs-5	0.847 ± 0.098 [–]	0.891 ± 0.088 [1]	0.902 ± 0.087 [1,2]	0.899 ± 0.079 [1,2]	0.902 ± 0.076 [1,2]	0.900 ± 0.075 [1,2]	0.900 ± 0.081 [1,2]
glass-0-1-6-vs-5	0.956 ± 0.109 [4,5,6,7]	0.912 ± 0.144 [–]	0.888 ± 0.151 [–]	0.861 ± 0.151 [–]	0.861 ± 0.151 [–]	0.861 ± 0.151 [–]	0.860 ± 0.151 [–]
yeast-2-vs-4	0.608 ± 0.128 [2]	0.591 ± 0.122 [–]	0.852 ± 0.098 [1,2]	0.855 ± 0.071 [1,2]	0.856 ± 0.070 [1,2,4]	0.845 ± 0.083 [1,2]	0.856 ± 0.068 [1,2]
glass-0-6-vs-5	0.945 ± 0.140 [4,5,6,7]	0.925 ± 0.149 [4,5,6,7]	0.905 ± 0.156 [–]	0.840 ± 0.178 [–]	0.840 ± 0.178 [–]	0.840 ± 0.178 [–]	0.840 ± 0.178 [–]
ecoli-0-3-4-6-vs-5	0.755 ± 0.102 [–]	0.827 ± 0.099 [–]	0.899 ± 0.104 [1,2]	0.892 ± 0.087 [1,2]	0.892 ± 0.087 [1,2]	0.895 ± 0.089 [1,2]	0.892 ± 0.092 [1,2]
yeast-0-3-5-9-vs-7-8	0.550 ± 0.018 [–]	0.539 ± 0.030 [–]	0.708 ± 0.073 [all]	0.654 ± 0.066 [1,2]	0.668 ± 0.066 [1,2]	0.644 ± 0.056 [1,2]	0.667 ± 0.068 [1,2]
glass-0-1-5-vs-2	0.555 ± 0.134 [2]	0.511 ± 0.115 [–]	0.609 ± 0.155 [1,2]	0.705 ± 0.115 [1,2]	0.703 ± 0.116 [1,2,6]	0.572 ± 0.080 [1,2]	0.572 ± 0.087 [1,2,6]
ecoli-0-6-7-vs-5	0.813 ± 0.124 [2]	0.838 ± 0.103 [–]	0.878 ± 0.096 [1,2]	0.869 ± 0.102 [1,2,3,6,7]	0.861 ± 0.101 [1,2,3,6,7]	0.865 ± 0.104 [2]	0.860 ± 0.102 [2]
ecoli-0-2-3-4-vs-5	0.780 ± 0.098 [–]	0.846 ± 0.094 [1]	0.902 ± 0.084 [1,2,5]	0.904 ± 0.078 [1,2,3,7]	0.902 ± 0.077 [1,2,7]	0.902 ± 0.078 [1,2]	0.897 ± 0.077 [1]
ecoli4	0.886 ± 0.083 [–]	0.896 ± 0.065 [–]	0.933 ± 0.066 [1,2]	0.934 ± 0.081 [1,2,6,7]	0.936 ± 0.081 [1,2,7]	0.941 ± 0.078 [1,2]	0.938 ± 0.079 [1,2]
yeast5	0.825 ± 0.024 [–]	0.801 ± 0.029 [1]	0.846 ± 0.023 [1,2]	0.972 ± 0.024 [1,2,3]	0.972 ± 0.024 [1,2,3,4]	0.965 ± 0.036 [1,2,3,5,7]	0.964 ± 0.040 [1,2,3,4]
ecoli-0-4-6-vs-5	0.851 ± 0.114 [2]	0.888 ± 0.102 [1]	0.901 ± 0.096 [1,2,3,4]	0.901 ± 0.082 [1,2,3]	0.902 ± 0.082 [1,2,3]	0.901 ± 0.085 [1,2,3]	0.901 ± 0.084 [1,2,3]
led7digit-0-2-4-5-6-7-8-9-vs-1	0.853 ± 0.073 [2]	0.871 ± 0.065 [1]	0.876 ± 0.067 [1,2]	0.654 ± 0.091 [1,2]	0.654 ± 0.091 [1,2]	0.889 ± 0.070 [1,2]	0.889 ± 0.071 [1,2]
ecoli-0-1-vs-5	0.800 ± 0.143 [4,5]	0.853 ± 0.126 [4,5]	0.905 ± 0.082 [2,4,5]	0.900 ± 0.075 [–]	0.903 ± 0.072 [–]	0.907 ± 0.075 [1,2,3,4,5]	0.907 ± 0.074 [1,2,3,4,5]
ecoli-0-2-6-7-vs-3-5	0.586 ± 0.145 [–]	0.640 ± 0.156 [1]	0.722 ± 0.130 [1,2]	0.837 ± 0.106 [1,2]	0.829 ± 0.106 [1,2,3,7]	0.829 ± 0.099 [1,2,3]	0.824 ± 0.099 [1,2,3]
ecoli-0-1-4-7-vs-2-3-5-6	0.651 ± 0.090 [–]	0.668 ± 0.121 [1]	0.783 ± 0.140 [1,2]	0.828 ± 0.101 [all]	0.856 ± 0.091 [1,2,3,7]	0.834 ± 0.091 [1,2,3]	0.872 ± 0.080 [1,2,3]
shuttle-c0-vs-c4	0.990 ± 0.012 [–]	0.989 ± 0.013 [1]	0.989 ± 0.013 [1,2]	0.994 ± 0.009 [1,2,3]	0.994 ± 0.009 [1,2,3,4,6]	0.994 ± 0.009 [1,2,3]	0.994 ± 0.009 [1,2,3,4,6]
ecoli-0-6-7-vs-3-5	0.587 ± 0.158 [–]	0.633 ± 0.171 [–]	0.746 ± 0.132 [1,2]	0.831 ± 0.105 [1,2,3]	0.829 ± 0.110 [1,2,3]	0.832 ± 0.095 [1,2,3]	0.833 ± 0.098 [1,2,3]
vowel0	0.915 ± 0.037 [–]	0.903 ± 0.024 [1]	0.926 ± 0.028 [1,2]	0.875 ± 0.062 [1,2,3]	0.915 ± 0.051 [1,2,3]	0.879 ± 0.054 [1,2,3]	0.891 ± 0.043 [1,2,3]
glass4	0.572 ± 0.129 [2,4,6,7]	0.772 ± 0.145 [4,6]	0.805 ± 0.145 [2,4,6,7]	0.758 ± 0.151 [–]	0.772 ± 0.141 [2,4,6,7]	0.699 ± 0.159 [–]	0.730 ± 0.159 [–]
yeast-0-5-6-7-9-vs-4	0.501 ± 0.026 [–]	0.500 ± 0.022 [1,6]	0.737 ± 0.127 [1,2,6,7]	0.797 ± 0.052 [1,6,7]	0.804 ± 0.052 [1,6,7]	0.739 ± 0.088 [1]	0.765 ± 0.087 [1,6]
yeast-0-2-5-6-vs-3-7-8-9	0.675 ± 0.048 [2]	0.776 ± 0.049 [1,4,5,6,7]	0.777 ± 0.045 [1,4,5,6,7]	0.720 ± 0.054 [1,6,7]	0.751 ± 0.057 [1,4,6,7]	0.654 ± 0.058 [1]	0.700 ± 0.068 [1,6]
ecoli-0-1-vs-2-3-5	0.607 ± 0.157 [6]	0.627 ± 0.170 [1,4,5,6,7]	0.849 ± 0.119 [1,4,5,6,7]	0.853 ± 0.096 [1,6,7]	0.853 ± 0.096 [1,4,6,7]	0.859 ± 0.082 [1,6]	0.867 ± 0.079 [1,6]
ecoli-0-3-4-vs-5	0.788 ± 0.105 [–]	0.854 ± 0.110 [1]	0.899 ± 0.107 [1,2]	0.908 ± 0.103 [1,2]	0.903 ± 0.103 [1,2]	0.909 ± 0.102 [1,2]	0.904 ± 0.100 [1,2]
glass5	0.948 ± 0.103 [–]	0.895 ± 0.155 [1]	0.885 ± 0.156 [1,2]	0.893 ± 0.165 [1,2,3]	0.898 ± 0.156 [1,2,3]	0.891 ± 0.165 [1,2,3]	0.895 ± 0.156 [1,2,3]
yeast4	0.551 ± 0.039 [–]	0.525 ± 0.025 [4,6]	0.595 ± 0.046 [–]	0.805 ± 0.068 [3,6]	0.809 ± 0.069 [2,3,6,7]	0.676 ± 0.071 [3]	0.652 ± 0.087 [2,3,4]
glass-0-4-vs-5	0.975 ± 0.083 [2]	0.930 ± 0.119 [–]	0.915 ± 0.125 [1,2]	0.915 ± 0.146 [1,2,3,6,7]	0.910 ± 0.147 [all]	0.919 ± 0.144 [1,2,3,7]	0.919 ± 0.144 [1,2,3]
yeast6	0.636 ± 0.023 [2,3]	0.638 ± 0.023 [–]	0.774 ± 0.031 [–]	0.888 ± 0.056 [–]	0.887 ± 0.056 [–]	0.843 ± 0.040 [–]	0.834 ± 0.054 [–]
page-blocks-1-3-vs-4	0.765 ± 0.095 [–]	0.774 ± 0.102 [–]	0.818 ± 0.126 [1,2]	0.758 ± 0.106 [all]	0.796 ± 0.108 [1,2,3,6,7]	0.739 ± 0.088 [1,2,3,7]	0.754 ± 0.090 [1,2,3]
yeast-1-vs-7	0.594 ± 0.037 [–]	0.594 ± 0.042 [–]	0.702 ± 0.101 [1,2,4,6,7]	0.664 ± 0.093 [6]	0.656 ± 0.098 [1,2,4,6,7]	0.671 ± 0.087 [–]	0.674 ± 0.094 [–]
ecoli-0-1-3-7-vs-2-6	0.831 ± 0.193 [–]	0.845 ± 0.200 [–]	0.846 ± 0.199 [all]	0.842 ± 0.203 [1,2,5]	0.839 ± 0.204 [1,2]	0.837 ± 0.199 [1,2]	0.833 ± 0.200 [1,2]
yeast-1-4-5-8-vs-7	0.544 ± 0.012 [–]	0.546 ± 0.014 [1,6,7]	0.582 ± 0.055 [1,5,6,7]	0.630 ± 0.098 [1,6,7]	0.630 ± 0.098 [1,7]	0.586 ± 0.064 [1,7]	0.583 ± 0.066 [–]
ecoli-0-1-4-7-vs-5-6	0.742 ± 0.131 [–]	0.842 ± 0.128 [1]	0.878 ± 0.114 [1,2]	0.865 ± 0.110 [1,2,3,6,7]	0.870 ± 0.104 [1,2,3,6,7]	0.870 ± 0.086 [1,2,7]	0.886 ± 0.083 [1,2]
yeast-2-vs-8	0.637 ± 0.090 [–]	0.694 ± 0.078 [1]	0.784 ± 0.111 [1,2]	0.776 ± 0.111 [1,2]	0.776 ± 0.111 [1,2]	0.780 ± 0.109 [1,2]	0.775 ± 0.112 [1,2]
yeast-0-2-5-7-9-vs-3-6-8	0.576 ± 0.028 [2]	0.542 ± 0.025 [–]	0.829 ± 0.097 [1,2,4,5,6]	0.901 ± 0.034 [1,2]	0.902 ± 0.034 [1,2]	0.877 ± 0.054 [1,2]	0.891 ± 0.052 [1,2]
glass2	0.607 ± 0.098 [–]	0.618 ± 0.101 [–]	0.648 ± 0.128 [1,2]	0.740 ± 0.109 [1,2,3,6,7]	0.739 ± 0.109 [1,2,3,6,7]	0.663 ± 0.079 [1,2]	0.664 ± 0.081 [1,2]

Table 9: Results for AUC metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
Mean rank	2.195 [–]	2.695 [–]	4.573 [1,2]	4.805 [1,2]	5.000 [1,2,6]	4.256 [1,2]	4.476 [1,2]

Table 10: Results for mean ranks according to AUC metric

Dataset	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
glass-0-1-6-vs-2	0.524 ± 0.114 [−]	0.515 ± 0.130 [−]	0.568 ± 0.183 [1,2,6,7]	0.703 ± 0.121 [1,2,3,6,7]	0.705 ± 0.122 [1,2,3,6,7]	0.529 ± 0.098 [7]	0.523 ± 0.101 [−]
ecoli-0-3-4-7-vs-5-6	0.756 ± 0.105 [−]	0.828 ± 0.090 [1]	0.890 ± 0.083 [1,2]	0.876 ± 0.086 [1,2]	0.876 ± 0.086 [1,2]	0.878 ± 0.096 [1,2]	0.884 ± 0.087 [1,2]
shuttle-c2-vs-c4	0.988 ± 0.023 [−]	0.999 ± 0.005 [1]	0.999 ± 0.005 [1,2]	0.788 ± 0.398 [1,2]	0.788 ± 0.398 [1,2]	0.785 ± 0.396 [1,2]	0.787 ± 0.397 [1,2]
glass-0-1-4-6-vs-2	0.528 ± 0.145 [6]	0.526 ± 0.144 [1,4,5,6,7]	0.579 ± 0.190 [1,4,5,6,7]	0.719 ± 0.109 [−]	0.718 ± 0.107 [−]	0.579 ± 0.089 [−]	0.577 ± 0.090 [−]
yeast-1-2-8-9-vs-7	0.281 ± 0.039 [−]	0.284 ± 0.042 [−]	0.493 ± 0.042 [1,2]	0.653 ± 0.116 [1,2,3,6,7]	0.653 ± 0.116 [1,2,3,6,7]	0.506 ± 0.069 [7]	0.502 ± 0.070 [1,2]
ecoli-0-1-4-6-vs-5	0.835 ± 0.108 [−]	0.887 ± 0.092 [1]	0.896 ± 0.096 [1,2]	0.890 ± 0.090 [1,2]	0.894 ± 0.087 [1,2]	0.891 ± 0.085 [1,2,7]	0.891 ± 0.092 [1,2]
glass-0-1-6-vs-5	0.933 ± 0.202 [−]	0.874 ± 0.249 [1]	0.846 ± 0.251 [1,2]	0.814 ± 0.249 [1,2]	0.814 ± 0.249 [1,2]	0.813 ± 0.249 [1,2]	0.813 ± 0.248 [1,2]
yeast-2-vs-4	0.445 ± 0.216 [4,5,6,7]	0.413 ± 0.215 [−]	0.840 ± 0.126 [−]	0.842 ± 0.084 [−]	0.844 ± 0.084 [−]	0.833 ± 0.095 [−]	0.847 ± 0.079 [−]
glass-0-6-vs-5	0.903 ± 0.272 [2]	0.880 ± 0.276 [−]	0.857 ± 0.278 [1,2]	0.755 ± 0.332 [1,2]	0.755 ± 0.332 [1,2,4]	0.754 ± 0.332 [1,2]	0.754 ± 0.332 [1,2]
ecoli-0-3-4-6-vs-5	0.735 ± 0.109 [4,5,6,7]	0.820 ± 0.102 [4,5,6,7]	0.894 ± 0.111 [−]	0.885 ± 0.097 [−]	0.884 ± 0.096 [−]	0.887 ± 0.099 [−]	0.884 ± 0.102 [−]
yeast-0-3-5-9-vs-7-8	0.324 ± 0.051 [−]	0.310 ± 0.063 [−]	0.694 ± 0.089 [1,2]	0.562 ± 0.132 [1,2]	0.593 ± 0.126 [1,2]	0.543 ± 0.126 [1,2]	0.592 ± 0.130 [1,2]
glass-0-1-5-vs-2	0.518 ± 0.148 [2]	0.453 ± 0.116 [−]	0.576 ± 0.201 [all]	0.685 ± 0.145 [1,2]	0.683 ± 0.145 [1,2,6]	0.465 ± 0.087 [1,2]	0.461 ± 0.093 [1,2,6]
ecoli-0-6-7-vs-5	0.796 ± 0.145 [2,6,7]	0.831 ± 0.107 [1]	0.871 ± 0.104 [1,2,6,7]	0.853 ± 0.124 [1,2,3,6,7]	0.845 ± 0.123 [1,2,3,6,7]	0.851 ± 0.125 [−]	0.846 ± 0.123 [−]
ecoli-0-2-3-4-vs-5	0.768 ± 0.100 [−]	0.842 ± 0.095 [1]	0.897 ± 0.090 [1,2]	0.897 ± 0.086 [1,6,7]	0.894 ± 0.085 [1]	0.895 ± 0.087 [1,2]	0.890 ± 0.085 [1,5]
ecoli4	0.883 ± 0.085 [−]	0.893 ± 0.065 [1]	0.931 ± 0.068 [1,2,5,6]	0.928 ± 0.091 [1,2,3,7]	0.930 ± 0.090 [1,2,7]	0.936 ± 0.088 [1,2]	0.933 ± 0.089 [1,2]
yeast5	0.807 ± 0.028 [−]	0.776 ± 0.037 [1]	0.832 ± 0.026 [1,2,4,5]	0.971 ± 0.024 [1,2]	0.971 ± 0.024 [1,2,4]	0.965 ± 0.036 [1,2,3,7]	0.964 ± 0.040 [1,2,3,4]
ecoli-0-4-6-vs-5	0.842 ± 0.122 [2]	0.883 ± 0.107 [−]	0.895 ± 0.103 [1,2]	0.895 ± 0.090 [1,2,3]	0.895 ± 0.090 [1,2,3]	0.895 ± 0.092 [1,2,3]	0.895 ± 0.091 [1,2,3]
led7digit-0-2-4-5-6-7-8-9-vs-1	0.849 ± 0.077 [−]	0.868 ± 0.067 [1]	0.871 ± 0.071 [1,2]	0.548 ± 0.179 [1,2]	0.548 ± 0.178 [1,2]	0.883 ± 0.083 [1,2]	0.884 ± 0.084 [1,2]
ecoli-0-1-vs-5	0.725 ± 0.286 [4,5]	0.822 ± 0.186 [4,5]	0.896 ± 0.094 [2,4,5]	0.891 ± 0.086 [−]	0.894 ± 0.082 [−]	0.899 ± 0.084 [1,2,3,4,5]	0.899 ± 0.084 [1,2,3,4,5]
ecoli-0-2-6-7-vs-3-5	0.278 ± 0.340 [−]	0.436 ± 0.331 [1]	0.633 ± 0.241 [1,2]	0.816 ± 0.132 [1,2]	0.807 ± 0.132 [1,2]	0.812 ± 0.121 [1,2,3]	0.807 ± 0.122 [1,2,3]
ecoli-0-1-4-7-vs-2-3-5-6	0.517 ± 0.198 [−]	0.539 ± 0.226 [1]	0.725 ± 0.211 [1,2]	0.801 ± 0.128 [all]	0.837 ± 0.115 [1,2,3,7]	0.811 ± 0.116 [1,2,3]	0.859 ± 0.099 [1,2,3]
shuttle-c0-vs-c4	0.990 ± 0.013 [−]	0.989 ± 0.013 [1]	0.989 ± 0.013 [1,2]	0.994 ± 0.009 [1,2,3]	0.994 ± 0.009 [1,2,3,4]	0.994 ± 0.009 [1,2,3]	0.994 ± 0.009 [1,2,3,4,6]
ecoli-0-6-7-vs-3-5	0.258 ± 0.355 [−]	0.383 ± 0.366 [−]	0.675 ± 0.217 [−]	0.809 ± 0.129 [1,2,3]	0.805 ± 0.136 [1,2,3]	0.816 ± 0.112 [1,2,3]	0.816 ± 0.117 [1,2,3]
vowel0	0.913 ± 0.040 [−]	0.902 ± 0.024 [1]	0.925 ± 0.028 [1,2]	0.864 ± 0.072 [1,2,3]	0.911 ± 0.055 [1,2,3]	0.871 ± 0.061 [1,2,3]	0.888 ± 0.046 [1,2,3]
glass4	0.304 ± 0.325 [2,4,6,7]	0.725 ± 0.231 [4,6,7]	0.762 ± 0.219 [2,4,5]	0.678 ± 0.281 [−]	0.710 ± 0.246 [4,6,7]	0.621 ± 0.271 [−]	0.664 ± 0.263 [−]
yeast-0-5-6-7-9-vs-4	0.164 ± 0.068 [−]	0.140 ± 0.059 [1,6]	0.685 ± 0.214 [1,2,6,7]	0.790 ± 0.057 [1,6,7]	0.799 ± 0.054 [1,6,7]	0.711 ± 0.123 [1]	0.750 ± 0.116 [1]
yeast-0-2-5-6-vs-3-7-8-9	0.598 ± 0.077 [2]	0.752 ± 0.064 [−]	0.753 ± 0.057 [1,2]	0.667 ± 0.079 [1,2,3,6,7]	0.712 ± 0.078 [1,2,3,6,7]	0.555 ± 0.100 [1,2]	0.632 ± 0.107 [1,2,6]
ecoli-0-1-vs-2-3-5	0.305 ± 0.352 [6]	0.348 ± 0.370 [1,4,5,6,7]	0.822 ± 0.155 [1,4,5,6,7]	0.833 ± 0.122 [1,6,7]	0.833 ± 0.122 [1,4,6,7]	0.843 ± 0.097 [−]	0.853 ± 0.091 [1,6]
ecoli-0-3-4-vs-5	0.772 ± 0.112 [−]	0.846 ± 0.119 [1]	0.890 ± 0.127 [1,2]	0.897 ± 0.125 [1,2]	0.892 ± 0.124 [1,2]	0.899 ± 0.122 [1,2]	0.893 ± 0.121 [1,2]
glass5	0.933 ± 0.163 [−]	0.846 ± 0.275 [1]	0.835 ± 0.275 [1,2]	0.834 ± 0.302 [1,2,3]	0.848 ± 0.278 [1,2,3]	0.832 ± 0.301 [1,2,3]	0.845 ± 0.277 [1,2,3]
yeast4	0.361 ± 0.067 [−]	0.274 ± 0.045 [4,6,7]	0.480 ± 0.058 [4,6]	0.794 ± 0.082 [6]	0.799 ± 0.083 [2,3,6,7]	0.619 ± 0.096 [−]	0.562 ± 0.132 [3,4]
glass-0-4-vs-5	0.963 ± 0.149 [2]	0.910 ± 0.176 [−]	0.893 ± 0.181 [1,2]	0.876 ± 0.251 [1,2,3,6,7]	0.870 ± 0.252 [all]	0.881 ± 0.250 [1,2,3,7]	0.881 ± 0.250 [1,2,3]
yeast6	0.529 ± 0.045 [2,3]	0.528 ± 0.048 [−]	0.750 ± 0.043 [−]	0.884 ± 0.062 [−]	0.883 ± 0.062 [−]	0.837 ± 0.042 [−]	0.827 ± 0.058 [−]
page-blocks-1-3-vs-4	0.730 ± 0.130 [−]	0.741 ± 0.138 [−]	0.791 ± 0.163 [1,2]	0.712 ± 0.145 [all]	0.763 ± 0.146 [1,2,3,6,7]	0.689 ± 0.127 [1,2,3,7]	0.711 ± 0.126 [1,2,3]
yeast-1-vs-7	0.452 ± 0.051 [−]	0.453 ± 0.059 [−]	0.681 ± 0.130 [1,2,4,6,7]	0.637 ± 0.114 [6]	0.631 ± 0.121 [1,2,4,6,7]	0.642 ± 0.102 [−]	0.652 ± 0.101 [−]
ecoli-0-1-3-7-vs-2-6	0.725 ± 0.377 [−]	0.738 ± 0.385 [−]	0.738 ± 0.386 [all]	0.737 ± 0.385 [1,2]	0.736 ± 0.384 [1,2]	0.731 ± 0.381 [1,2]	0.729 ± 0.379 [1,2]
yeast-1-4-5-8-vs-7	0.293 ± 0.044 [−]	0.301 ± 0.049 [1,6,7]	0.473 ± 0.051 [1,6,7]	0.603 ± 0.142 [1,6,7]	0.602 ± 0.142 [1,6,7]	0.484 ± 0.096 [1]	0.478 ± 0.096 [1]
ecoli-0-1-4-7-vs-5-6	0.669 ± 0.203 [−]	0.812 ± 0.171 [1]	0.860 ± 0.149 [1,2]	0.839 ± 0.171 [1,2,3,6,7]	0.845 ± 0.166 [1,2,3,6,7]	0.857 ± 0.102 [1,2,7]	0.876 ± 0.095 [1,2]
yeast-2-vs-8	0.518 ± 0.136 [−]	0.636 ± 0.094 [1]	0.736 ± 0.176 [1,2]	0.728 ± 0.153 [1,2]	0.728 ± 0.153 [1,2]	0.738 ± 0.145 [1,2]	0.729 ± 0.152 [1,2]
yeast-0-2-5-7-9-vs-3-6-8	0.398 ± 0.065 [−]	0.301 ± 0.068 [1]	0.810 ± 0.134 [1,2,4,5,7]	0.897 ± 0.037 [1,2]	0.899 ± 0.037 [1,2]	0.870 ± 0.060 [1,2,3]	0.888 ± 0.058 [1,2]
glass2	0.570 ± 0.109 [2]	0.570 ± 0.110 [−]	0.627 ± 0.145 [1,2]	0.732 ± 0.113 [1,2,3,6]	0.731 ± 0.113 [1,2,3,6,7]	0.606 ± 0.077 [1,2,3]	0.607 ± 0.079 [1,2,3,6]

Table 11: Results for GMEAN metric

	GNB (1)	OSB (2)	OKNORAU (3)	TBAC (4)	OTBAC (5)	TBAW (6)	OTBAW (7)
Mean rank	2.341 [−]	2.646 [−]	4.841 [1,2]	4.671 [1,2]	4.939 [1,2]	4.256 [1,2]	4.305 [1,2]

Table 12: Results for mean ranks according to GMEAN metric