Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
ecoli-0-1-vs-2-3-5	$0.877 \pm 0.089$	$0.873 \pm 0.090$	$0.850 \pm 0.092$	$0.855 \pm 0.089$	$0.857 \pm 0.089$	$0.853 \pm 0.087$
yeast-1-4-5-8-vs-7	$0.547 \pm 0.075$	$0.553 \pm 0.077$	$0.556 \pm 0.081$	$0.583 \pm 0.091$	$0.593 \pm 0.081$	$0.614 \stackrel{-}{\pm} 0.086$
glass2	$0.707 \pm 0.129$	$0.712 \pm 0.116$	$0.735 \pm 0.129$	$0.735 \pm 0.126$	$0.760 \pm 0.118$	$0.748 \pm 0.119$
$glass\hbox{-}0\hbox{-}1\hbox{-}4\hbox{-}6\hbox{-}vs\hbox{-}2$	$0.700 \pm 0.131$	$0.691 \pm 0.140$	$0.697 \pm 0.133$	$0.723 \pm 0.113$	$0.739 \pm 0.125$	$0.728 \stackrel{1,2}{\pm} 0.128$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 2$	$0.676 \pm 0.132$	$0.643 \pm 0.124$	$0.712 \pm 0.136$	$0.739 \pm 0.121$	$0.739 \stackrel{2}{\pm} 0.101$	$0.750 \pm 0.105$
ecoli-0-1-4-7-vs-2-3-5-6	$0.852 \pm 0.077$	$0.857 \stackrel{-}{\pm} 0.076$	$0.855 \stackrel{2}{\pm} 0.082$	$0.856 \pm 0.083$	$0.858 \pm 0.082$	$0.857 \pm 0.078$
yeast - 0 - 5 - 6 - 7 - 9 - vs - 4	$0.793 \pm 0.065$	$0.797 \stackrel{-}{\pm} 0.061$	$0.764 \stackrel{1}{\pm} 0.062$	$0.774 \stackrel{1}{\pm} 0.066$	$0.795 \pm 0.053$	$0.803 \pm 0.055$
ecoli- $0$ - $1$ - $vs$ - $5$	$0.918 \pm 0.074$	$0.916 \pm 0.073$	$0.906 \pm 0.078$	$0.910 \pm 0.080$	$0.914 \pm 0.077$	$0.918 \pm 0.074$
yeast-2-vs-8	$0.774 \pm 0.106$	$0.786 \pm 0.105$	$0.773 \pm 0.115$	$0.773 \pm 0.115$	$0.771 \pm 0.116$	$0.772 \stackrel{2}{\pm} 0.114$
yeast - 0 - 2 - 5 - 7 - 9 - vs - 3 - 6 - 8	$\begin{array}{c} 3,4,5,6 \\ 0.896 \pm 0.038 \end{array}$	$0.895 \pm 0.039$	$0.898 \pm 0.041$	$0.894 \pm 0.041$	$0.902 \pm 0.041$	$0.899 \stackrel{-}{\pm} 0.040$
$glass\hbox{-} 0\hbox{-} 4\hbox{-} vs\hbox{-} 5$	$0.956 \stackrel{2}{\pm} 0.096$	$0.959 \pm 0.091$	$0.835 \stackrel{4}{\pm} 0.164$	$0.842 \pm 0.177$	$0.957 \pm 0.075$	$0.941 \stackrel{-}{\pm} 0.088$
ecoli - 0 - 3 - 4 - 7 - vs - 5 - 6	$0.893 \pm 0.075$	$0.893 \pm 0.076$	$0.874 \pm 0.082$	$0.893 \pm 0.073$	$0.898 \pm 0.078$	$0.903 \stackrel{3}{\pm} 0.078$
ecoli- $0$ - $1$ - $4$ - $6$ - $vs$ - $5$	$0.914 \pm 0.073$	$0.913 \pm 0.077$	$0.899 \pm 0.087$	$0.898 \pm 0.088$	$0.909 \pm 0.075$	$0.909 \pm 0.075$
ecoli4	$0.918 \pm 0.094$	$0.917 \pm 0.094$	$0.925 \pm 0.090$	$0.925 \pm 0.097$	0.933 ± 0.086	$0.931 \pm 0.086$
page-blocks-1-3-vs-4	$0.912 \pm 0.091$	$0.903 \pm 0.094$	$0.771 \pm 0.106$	$0.806 \pm 0.111$	$0.837 \pm 0.086$	$0.838 \pm 0.091$
ecoli- $0$ - $3$ - $4$ - $vs$ - $5$	$0.912 \pm 0.099$	$0.910 \pm 0.099$	$0.911 \pm 0.104$	$0.909 \pm 0.101$	$0.914 \pm 0.103$	$0.909 \pm 0.106$
yeast-1- $vs$ -7	$0.631 \pm 0.098$	$0.634 \pm 0.099$	$0.620 \pm 0.087$	$0.642 \pm 0.092$	$0.632 \pm 0.101$	$0.652 \pm 0.101$
yeast4	$0.717 \pm 0.076$	$0.718 \pm 0.080$	$0.716 \pm 0.060$	$0.736 \pm 0.075$	$0.740 \pm 0.069$	$0.770 \stackrel{3}{\pm} 0.065$
ecoli-0-1-4-7-vs-5-6	$0.894 \pm 0.085$	$0.894 \pm 0.076$	$0.888 \pm 0.081$	$0.892 \pm 0.077$	$0.900 \pm 0.076$	$0.899 \pm 0.078$ $1.2$
vowel0	0.990 ± 0.026	$0.991 \pm 0.026$	$0.836 \pm 0.060$	$0.914 \pm 0.061$	$0.948 \pm 0.058$ $3,4$	$0.952 \pm 0.054$
ecoli- $0$ - $3$ - $4$ - $6$ - $vs$ - $5$	$0.908 \pm 0.089$	$3,4,5,6 \\ 0.906 \pm 0.089$	$0.893 \pm 0.087$	$0.891 \pm 0.094$	$0.901 \pm 0.093$	$0.898 \pm 0.093$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.868 \pm 0.157$	$0.853 \pm 0.165$	$0.794 \pm 0.175$	$0.795 \pm 0.175$	$0.898 \pm 0.145$	$0.897 \pm 0.145$
yeast - 0 - 2 - 5 - 6 - vs - 3 - 7 - 8 - 9	$0.790 \pm 0.041$	$0.788 \pm 0.042$	$0.759 \pm 0.052$	$0.751 \pm 0.054$	$0.789 \pm 0.047$	$0.782 \pm 0.049$
yeast6	$0.821 \pm 0.087$	$0.818 \pm 0.083$	$0.821 \pm 0.083$	$0.835 \pm 0.084$	$0.835 \pm 0.086$ $1.2$	$0.843 \pm 0.079$
$led 7 digit \hbox{-} 0\hbox{-} 2\hbox{-} 4\hbox{-} 5\hbox{-} 6\hbox{-} 7\hbox{-} 8\hbox{-} 9\hbox{-} vs\hbox{-} 1$	$0.899 \pm 0.066$ $2.3,4,5$	$0.857 \pm 0.121$ $3.5$	$0.585 \stackrel{2}{\pm} 0.091$	$0.842 \pm 0.102$ $3.5$	$0.657 \pm 0.088$	$0.837 \stackrel{2}{\pm} 0.142$ $3.5$
glass5	$0.823 \pm 0.196$	$0.823 \pm 0.203$	$0.824 \pm 0.187$	$0.787 \pm 0.192$	$0.870 \pm 0.172$	$0.871 \pm 0.173$
$glass\hbox{-} 0\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.950 \stackrel{4}{\pm} 0.086$ 3,4,5	$0.945 \pm 0.103$ $3.4$	$0.767 \pm 0.183$	$0.791 \pm 0.169$	$0.900 \pm 0.133$ $3,4$	$0.905 \pm 0.131$ $3,4$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 5\hbox{-} vs\hbox{-} 2$	$0.670 \pm 0.135$	$0.658 \pm 0.131$	$0.708 \pm 0.138$	$0.715 \pm 0.119$	$0.739 \pm 0.108$ $1.2$	$0.733 \pm 0.111$
$ecoli\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-0\mathchar`-$	$0.863 \stackrel{?}{\pm} 0.099$	$0.866 \pm 0.095$	$0.827 \pm 0.104$	$0.835 \pm 0.098$	$0.830 \pm 0.108$	$0.837 \pm 0.100$
glass4	$0.904 \pm 0.142$ $3,4,5,6$	$0.905 \pm 0.142$ $3,4,5,6$	$0.779 \pm 0.148$	$0.772 \pm 0.147$	$0.843 \pm 0.163$	$0.854 \pm 0.163$ $3,4$
ecoli- $0$ - $2$ - $3$ - $4$ - $vs$ - $5$	$0.910 \pm 0.078$	$0.908 \pm 0.078$	$0.908 \pm 0.079$	$0.904 \pm 0.082$	$0.907 \pm 0.078$	$0.909 \pm 0.080$
shuttle-c0-vs-c4	$0.996 \pm 0.008$	$0.996 \pm 0.008$	$0.996 \stackrel{?}{\pm} 0.008$	$0.996 \pm 0.008$	$0.996 \pm 0.008$	$0.996 \pm 0.008$
ecoli- $0$ - $6$ - $7$ - $vs$ - $5$	$0.876 \pm 0.101$	$0.865 \pm 0.100$	$0.865 \pm 0.098$	$0.868 \pm 0.096$	$0.869 \pm 0.105$	$0.867 \pm 0.104$
yeast-1-2-8-9-vs-7	$0.623 \pm 0.085$	$0.634 \pm 0.088$	$0.574 \pm 0.075$	$0.610 \pm 0.093$	$0.643 \pm 0.092$	$0.676 \pm 0.083$
yeast - 0 - 3 - 5 - 9 - vs - 7 - 8	$0.707 \pm 0.064$	$0.697 \pm 0.070$	$0.629 \pm 0.053$	$0.641 \pm 0.051$	$0.659 \pm 0.062$	$0.666 \pm 0.065$
yeast-2-vs-4	$0.873 \pm 0.061$	$0.873 \pm 0.062$	$0.835 \pm 0.063$	$0.844 \pm 0.066$	$0.852 \pm 0.064$	$0.856 \pm 0.065$
ecoli- $0$ - $4$ - $6$ - $vs$ - $5$	$0.916 \pm 0.081$	$0.912 \pm 0.082$	$0.907 \pm 0.079$	$0.908 \pm 0.080$	$0.907 \pm 0.082$	$0.908 \stackrel{3}{\pm} 0.083$
ecoli-0-1-3-7-vs-2-6	$0.841 \pm 0.197$	$0.843 \pm 0.198$	$0.849 \pm 0.200$	$0.844 \pm 0.203$	$0.840 \pm 0.205$	$0.837 \pm 0.202$
shuttle- $c2$ - $vs$ - $c4$	$0.995 \pm 0.034$	$0.995 \pm 0.034$	$0.715 \pm 0.229$	$0.725 \pm 0.230$	$0.950 \pm 0.141$	$0.950 \pm 0.141$
ecoli - 0 - 2 - 6 - 7 - vs - 3 - 5	$0.859 \pm 0.091$	$0.862 \pm 0.081$	$0.832 \pm 0.102$	$0.847 \pm 0.088$	$0.829 \pm 0.101$	$0.839 \pm 0.096$
yeast5	$0.929 \stackrel{5}{\pm} 0.052$	$0.929 \stackrel{5}{\pm} 0.048$	$0.906 \stackrel{5}{\pm} 0.064$	$0.910 \stackrel{5,6}{\pm} 0.061$	$0.938 \pm 0.052$	$0.930 \pm 0.053$
	4	4	<u> </u>	3	3,4	3,4

Table 1: Results for BAC metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
$Mean\ rank$	3.608	3.409	3.381	3.407	3.590	3.604
	2	-	_	_	_	_

Table 2: Results for mean ranks according to BAC metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
ecoli-0-1-vs-2-3-5	$0.733 \pm 0.121$	$0.725 \pm 0.125$	$0.800 \pm 0.138$	$0.802 \pm 0.132$	$0.786 \pm 0.131$	$0.772 \pm 0.130$
yeast-1-4-5-8- $vs$ -7	$0.113 \pm 0.102$	$0.121 \pm 0.100$	$0.121 \pm 0.100$	$0.142 \pm 0.087$	$0.144 \pm 0.064$	$0.154 \pm 0.065$
glass2	$0.364 \pm 0.161$	$0.365 \pm 0.147$	$0.352 \pm 0.134$	$0.313 \stackrel{1}{\pm} 0.108$	$0.341 \stackrel{1,2}{\pm} 0.114$	$0.328 \pm 0.106$
glass-0-1-4-6-vs-2	$0.347 \pm 0.161$	$0.333 \pm 0.175$	$0.318 \stackrel{4}{\pm} 0.141$	$0.318 \pm 0.109$	$0.324 \stackrel{4}{\pm} 0.111$	$0.323 \pm 0.119$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 2$	$0.321 \pm 0.161$	$0.277 \stackrel{-}{\pm} 0.144$	$0.336 \pm 0.135$	$0.332 \pm 0.106$	$0.326 \pm 0.093$	$0.337 \pm 0.095$
ecoli-0-1-4-7-vs-2-3-5-6	$0.690 \pm 0.110$	$0.681 \pm 0.109$	$0.800 \stackrel{2}{\pm} 0.117$	$0.781 \pm 0.116$	$0.769 \pm 0.118$	$0.752 \pm 0.115$
yeast-0-5-6-7-9-vs-4	$0.552 \pm 0.090$	$0.545 \pm 0.081$	$0.561 \pm 0.098$	$0.523 \pm 0.090$	$0.559 \pm 0.080$	$0.535 \pm 0.081$
ecoli- $0$ - $1$ - $vs$ - $5$	$0.847 \pm 0.105$	$0.827 \stackrel{4}{\pm} 0.105$	$0.875 \stackrel{4}{\pm} 0.105$	$0.876 \pm 0.108$	$0.868 \pm 0.110$	$0.870 \pm 0.106$
yeast-2-vs-8	$0.493 \pm 0.144$	$0.486 \pm 0.137$	$0.661 \pm 0.209$	$0.661 \pm 0.209$	$0.632 \pm 0.199$	$0.616 \pm 0.201$
yeast - 0 - 2 - 5 - 7 - 9 - vs - 3 - 6 - 8	$0.742 \pm 0.053$	$0.733 \pm 0.056$	$0.822 \pm 0.058$	$0.818 \pm 0.057$	$0.798 \pm 0.064$	$0.794 \pm 0.061$
$glass\hbox{-}0\hbox{-}4\hbox{-}vs\hbox{-}5$	$0.861 \stackrel{2}{\pm} 0.193$	$0.857 \pm 0.198$	$0.693 \pm 0.287$	$0.676 \pm 0.319$	$0.841 \pm 0.193$	$0.816 \pm 0.193$
ecoli - 0 - 3 - 4 - 7 - vs - 5 - 6	$0.757 \pm 0.107$	$0.750 \pm 0.113$	$0.797 \pm 0.120$	$0.791 \pm 0.111$	$0.814 \pm 0.111$	$0.815 \pm 0.112$
ecoli-0-1-4-6- $vs$ -5	$0.820 \pm 0.102$	$0.806 \pm 0.108$	$0.846 \pm 0.122$	$0.838 \pm 0.130$	$0.838 \pm 0.101$	$0.838 \pm 0.101$
ecoli4	$0.773 \pm 0.144$	$0.759 \stackrel{-}{\pm} 0.144$	$0.874 \pm 0.129$	$0.844 \pm 0.148$	$0.838 \stackrel{2}{\pm} 0.131$	$0.819 \stackrel{2}{\pm} 0.132$
$page-blocks-1\hbox{-}3\hbox{-}vs\hbox{-}4$	$0.676 \pm 0.134$	$0.681 \pm 0.132$	$0.585 \pm 0.176$	$0.616 \pm 0.174$	$0.651 \pm 0.136$	$0.694 \pm 0.152$
ecoli-0-3-4- $vs$ -5	$0.812 \pm 0.159$	$0.801 \pm 0.157$	$0.834 \pm 0.165$	$0.833 \pm 0.166$	$0.827 \pm 0.171$	$0.820 \pm 0.174$
yeast-1-vs-7	$0.277 \pm 0.146$	$0.271 \pm 0.139$	$0.254 \pm 0.126$	$0.238 \stackrel{2}{\pm} 0.097$	$0.243 \pm 0.115$	$0.247 \pm 0.098$
yeast4	$0.387 \pm 0.114$	$0.373 \pm 0.111$	$0.420 \pm 0.106$	$0.381 \pm 0.101$	$0.411 \pm 0.101$	$0.385 \pm 0.085$
ecoli-0-1-4-7-vs-5-6	$0.758 \stackrel{2}{\pm} 0.136$	$0.746 \pm 0.121$	$0.827 \pm 0.108$	$0.799 \pm 0.108$	$0.832 \pm 0.117$	$0.813 \pm 0.122$
vowel0	$0.974 \pm 0.040$	$0.981 \pm 0.032$	$0.764 \pm 0.093$	$0.859 \pm 0.082$	$0.901 \pm 0.076$	$0.918 \pm 0.071$
ecoli-0-3-4-6-vs-5	$\begin{array}{c} 3,4,5,6 \\ 0.798 \pm 0.136 \end{array}$	$0.786 \pm 0.132$	$0.784 \pm 0.151$	$0.783 \pm 0.162$	$0.781 \pm 0.157$	$0.777 \pm 0.159$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.585 \pm 0.253$	$0.564 \pm 0.263$	$0.496 \pm 0.285$	$0.498 \pm 0.279$	$0.589 \pm 0.237$	$0.587 \pm 0.236$
yeast - 0 - 2 - 5 - 6 - vs - 3 - 7 - 8 - 9	$0.557 \pm 0.058$	$0.540 \pm 0.057$	$0.618 \pm 0.091$	$0.607 \pm 0.094$	$0.623 \stackrel{3}{\pm} 0.079$	$0.623 \stackrel{3}{\pm} 0.085$
yeast6	$0.486 \pm 0.116$	$0.474 \pm 0.115$	$0.545 \pm 0.126$	$0.496 \pm 0.103$	$0.512 \pm 0.118$	$0.472 \pm 0.110$
$led 7 digit \hbox{-} 0 \hbox{-} 2 \hbox{-} 4 \hbox{-} 5 \hbox{-} 6 \hbox{-} 7 \hbox{-} 8 \hbox{-} 9 \hbox{-} vs \hbox{-} 1$	$0.675 \stackrel{2}{\pm} 0.087$	$0.619 \pm 0.170$	$0.249 \pm 0.219$	$0.679 \pm 0.137$	$0.397 \pm 0.178$	$0.624 \pm 0.202$
glass5	$0.524 \pm 0.308$	$0.527 \pm 0.325$	$0.519 \pm 0.294$	$0.468 \pm 0.293$	$0.500 \pm 0.229$	$0.515 \pm 0.237$
$glass\hbox{-} 0\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.837 \pm 0.179$	$0.823 \stackrel{4}{\pm} 0.213$	$0.610 \pm 0.345$	$0.641 \pm 0.298$	$0.777 \pm 0.234$	$0.783 \pm 0.230$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 5\hbox{-} vs\hbox{-} 2$	$0.326 \pm 0.160$	$0.309 \pm 0.156$	$0.343 \pm 0.138$	$0.324 \pm 0.101$	$0.339 \pm 0.096$	$0.338 \pm 0.098$
ecoli- $0$ - $6$ - $7$ - $vs$ - $3$ - $5$	$0.739 \pm 0.165$	$0.729 \pm 0.154$	$0.725 \pm 0.182$	$0.722 \pm 0.172$	$0.714 \pm 0.186$	$0.711 \pm 0.176$
glass4	$0.660 \pm 0.240$	$0.671 \pm 0.240$	$0.535 \pm 0.244$	$0.517 \pm 0.247$	$0.580 \pm 0.251$	$0.593 \pm 0.253$
ecoli- $0$ - $2$ - $3$ - $4$ - $vs$ - $5$	$0.806 \pm 0.127$	$0.793 \pm 0.130$	$0.835 \pm 0.132$	$0.823 \pm 0.133$	$0.815 \pm 0.124$	$0.810 \pm 0.130$
shuttle-c0-vs-c4	$0.996 \pm 0.008$	$0.996 \pm 0.008$	$0.995 \pm 0.008$	$0.995 \stackrel{2}{\pm} 0.008$	$0.996 \pm 0.008$	$0.996 \pm 0.008$
ecoli- $0$ - $6$ - $7$ - $vs$ - $5$	$0.717 \pm 0.163$	$0.677 \pm 0.159$	$0.782 \pm 0.161$	$0.777 \pm 0.153$	$0.755 \pm 0.172$	$0.740 \pm 0.166$
$yeast\hbox{-} 1\hbox{-} 2\hbox{-} 8\hbox{-} 9\hbox{-} vs\hbox{-} 7$	$0.225 \pm 0.133$	$0.235 \pm 0.129$	$0.153 \pm 0.124$	$0.147 \pm 0.087$	$0.186 \pm 0.109$	$0.199 \stackrel{2}{\pm} 0.072$
yeast - 0 - 3 - 5 - 9 - vs - 7 - 8	$0.411 \pm 0.091$	$0.389 \pm 0.095$	$0.370 \pm 0.121$	$0.387 \pm 0.109$	$0.396 \pm 0.114$	$0.397 \pm 0.113$
yeast-2- $vs$ -4	$0.763 \pm 0.089$	$0.754 \pm 0.094$	$0.760 \pm 0.094$	$0.765 \pm 0.099$	$0.769 \stackrel{3}{\pm} 0.096$	$0.762 \pm 0.096$
ecoli-0-4-6- $vs$ -5	$0.846 \pm 0.135$	$0.816 \pm 0.140$	$0.808 \pm 0.127$	$0.816 \pm 0.129$	$0.800 \pm 0.140$	$0.805 \pm 0.145$
ecoli - 0 - 1 - 3 - 7 - vs - 2 - 6	$0.549 \pm 0.336$	$0.580 \pm 0.348$	$0.713 \pm 0.383$	$0.675 \pm 0.369$	$0.617 \pm 0.368$	$0.544 \pm 0.335$
shuttle-c2-vs-c4	$0.993 \pm 0.046$	$0.993 \pm 0.046$	$0.453 \pm 0.465$	$0.473 \pm 0.467$	$0.907 \pm 0.275$	$0.907 \pm 0.275$
$ecoli\mbox{-}0\mbox{-}2\mbox{-}6\mbox{-}7\mbox{-}vs\mbox{-}3\mbox{-}5$	$0.727 \pm 0.140$	$0.724 \pm 0.115$	$0.731 \pm 0.174$	$0.738 \pm 0.146$	$0.701 \pm 0.162$	$0.699 \pm 0.159$
yeast5	$\begin{array}{c c}  & - \\  0.701 \pm 0.083 \\  & 4 \end{array}$	$0.695 \pm 0.085$	$0.708 \pm 0.090 \\ 4,6$	$0.685 \pm 0.088$	$0.700 \pm 0.084$	$0.692 \pm 0.089$

Table 3: Results for F1 metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
Mean rank	3.522	3.264	3.646	3.479	3.578	3.511
	2	_	4	_	_	_

Table 4: Results for mean ranks according to F1 metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
ecoli-0-1-vs-2-3-5	$0.726 \pm 0.165$	$0.711 \pm 0.155$	$0.970 \pm 0.084$	$0.952 \pm 0.098$	$0.901 \pm 0.127$	$0.876 \pm 0.146$
yeast-1-4-5-8-vs-7	$0.090 \stackrel{-}{\pm} 0.082$	$0.092 \pm 0.076$	$0.089 \pm 0.075$	$0.096 \pm 0.062$	$0.094 \pm 0.043$	$0.096 \pm 0.041$
glass2	$0.291 \pm 0.140$	$0.285 \pm 0.131$	$0.251 \pm 0.105$	$0.203 \pm 0.074$	$0.224 \stackrel{-}{\pm} 0.085$	$0.215 \pm 0.076$
glass-0-1-4-6-vs-2	$0.261 \pm 0.124$	$0.250 \pm 0.136$	$0.226 \pm 0.102$	$0.209 \pm 0.078$	$0.210 \stackrel{4}{\pm} 0.074$	$0.212 \pm 0.083$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 2$	$0.243 \pm 0.141$	$0.208 \pm 0.121$	$0.240 \pm 0.113$	$0.217 \pm 0.076$	$0.211 \pm 0.068$	$0.219 \pm 0.067$
ecoli-0-1-4-7-vs-2-3-5-6	$0.672 \pm 0.148$	$0.648 \pm 0.149$	$0.947 \pm 0.106$	$0.888 \pm 0.121$	$0.849 \pm 0.131$	$0.812 \pm 0.158$
yeast - 0 - 5 - 6 - 7 - 9 - vs - 4	$0.480 \stackrel{2}{\pm} 0.096$	$0.463 \pm 0.085$	$0.564 \pm 0.123$	$0.462 \pm 0.106$	$0.493 \pm 0.102$	$0.443 \pm 0.103$
ecoli-0-1- $vs$ -5	$0.868 \pm 0.135$	$0.831 \pm 0.144$	$0.966 \pm 0.085$	$0.957 \pm 0.092$	$0.926 \overset{4.6}{\pm} 0.116$	$0.921 \pm 0.120$
yeast-2-vs-8	$0.485 \pm 0.207$	$0.440 \pm 0.173$	$0.908 \pm 0.200$	$0.908 \pm 0.200$	$0.834 \pm 0.227$	$0.764 \pm 0.247$
yeast - 0 - 2 - 5 - 7 - 9 - vs - 3 - 6 - 8	$0.671 \pm 0.069$	$0.656 \pm 0.073$	$0.837 \pm 0.067$	$0.836 \pm 0.069$	$0.776 \pm 0.083$	$0.772 \pm 0.082$
$glass\hbox{-} 0\hbox{-} 4\hbox{-} vs\hbox{-} 5$	$0.828 \pm 0.235$	$0.815 \pm 0.243$	$0.768 \pm 0.335$	$0.706 \pm 0.358$	$0.801 \stackrel{1,2}{\pm} 0.259$	$0.793 \pm 0.261$
ecoli-0-3-4-7-vs-5-6	$0.730 \stackrel{4}{\pm} 0.150$	$0.716 \stackrel{4}{\pm} 0.160$	$0.859 \pm 0.131$	$0.788 \pm 0.133$	$0.829 \pm 0.118$	$0.817 \pm 0.112$
ecoli- $0$ - $1$ - $4$ - $6$ - $vs$ - $5$	$0.825 \pm 0.148$	$0.797 \pm 0.148$	$0.921 \pm 0.125$	$0.900 \pm 0.138$	$0.877 \pm 0.134$	$0.877 \pm 0.134$
ecoli4	$0.754 \pm 0.193$	$0.729 \pm 0.190$	$0.922 \pm 0.118$	$0.866 \pm 0.153$	$0.832 \pm 0.162$	$0.803 \pm 0.176$
page-blocks-1-3-vs-4	$0.567 \pm 0.139$	$0.589 \pm 0.143$	$0.658 \pm 0.204$	$0.657 \pm 0.210$	$0.634 \pm 0.175$	$0.727 \pm 0.195$
ecoli- $0$ - $3$ - $4$ - $vs$ - $5$	$0.826 \pm 0.183$	$0.807 \stackrel{1}{\pm} 0.182$	$0.858 \pm 0.168$	$0.859 \pm 0.174$	$0.833 \pm 0.183$	$0.831 \stackrel{all}{\pm} 0.185$
yeast-1- $vs$ -7	$0.249 \pm 0.140$	$0.230 \pm 0.120$	$0.228 \pm 0.128$	$0.169 \stackrel{2}{\pm} 0.086$	$0.190 \pm 0.109$	$0.172 \pm 0.071$
yeast4	$0.342 \pm 0.115$	$0.315 \pm 0.096$	$0.399 \pm 0.122$	$0.311 \pm 0.087$	$0.351 \pm 0.097$	$0.291 \pm 0.078$
$ecoli\mbox{-}0\mbox{-}1\mbox{-}4\mbox{-}7\mbox{-}vs\mbox{-}5\mbox{-}6$	$0.749 \pm 0.175$	$0.713 \pm 0.162$	$0.906 \pm 0.122$	$0.821 \pm 0.131$	$0.876 \pm 0.143$	$0.840 \pm 0.151$
vowel0	$0.967 \pm 0.050$	$0.982 \pm 0.032$	$0.888 \pm 0.094$	$0.894 \pm 0.085$	$0.906 \pm 0.074$	$0.933 \pm 0.064$
ecoli- $0$ - $3$ - $4$ - $6$ - $vs$ - $5$	$0.787 \pm 0.171$	$0.766 \pm 0.163$	$0.773 \pm 0.177$	$0.776 \pm 0.186$	$0.753 \stackrel{3}{\pm} 0.180$	$0.750 \pm 0.184$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.514 \pm 0.277$	$0.494 \pm 0.275$	$0.449 \pm 0.290$	$0.448 \pm 0.280$	$0.477 \pm 0.232$	$0.475 \pm 0.233$
yeast - 0 - 2 - 5 - 6 - vs - 3 - 7 - 8 - 9	$0.488 \pm 0.061$	$0.459 \pm 0.056$	$0.737 \pm 0.102$	$0.746 \pm 0.107$ $1,2,5,6$	$0.640 \pm 0.091$	$0.656 \pm 0.099$ $1,2,5$
yeast6	$0.392 \stackrel{2}{\pm} 0.105$	$0.379 \pm 0.104$	$0.475 \pm 0.123$	$0.393 \pm 0.088$	$0.416 \pm 0.110$ $2.6$	$0.363 \pm 0.111$
$led 7 digit \hbox{-} 0 \hbox{-} 2 \hbox{-} 4 \hbox{-} 5 \hbox{-} 6 \hbox{-} 7 \hbox{-} 8 \hbox{-} 9 \hbox{-} vs \hbox{-} 1$	$0.564 \pm 0.090$	$0.533 \pm 0.131$	$0.511 \pm 0.406$	$0.705 \pm 0.136$	$0.498 \pm 0.239$	$0.583 \pm 0.160$ $2.5$
glass5	$0.464 \pm 0.311$ $5.6$	$0.465 \pm 0.322$	$0.466 \pm 0.318$	$0.430 \pm 0.326$	$0.386 \pm 0.208$	$0.404 \pm 0.222$
$glass\hbox{-} 0\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.815 \pm 0.237$	$0.795 \pm 0.262$	$0.740 \pm 0.402$	$0.770 \pm 0.358$	$0.792 \pm 0.275$	$0.795 \pm 0.272$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 5\hbox{-} vs\hbox{-} 2$	$0.250 \pm 0.122$ $2,4,5,6$	$0.235 \pm 0.119$	$0.240 \pm 0.099$	$0.213 \pm 0.072$	$0.220 \pm 0.070$	$0.221 \pm 0.069$
ecoli- $0$ - $6$ - $7$ - $vs$ - $3$ - $5$	$0.761 \pm 0.212$	$0.733 \pm 0.200$	$0.822 \pm 0.201$ $2.5.6$	$0.777 \pm 0.198$	$0.783 \pm 0.213$	$0.746 \pm 0.209$
glass4	$0.571 \pm 0.260$ 3,4,5,6	$0.587 \pm 0.263$ $_{4,5}$	$0.533 \pm 0.290$	$0.505 \pm 0.287$	$0.517 \pm 0.264$	$0.527 \pm 0.269$
ecoli- $0$ - $2$ - $3$ - $4$ - $vs$ - $5$	$0.805 \pm 0.188$	$0.782 \pm 0.192$	$0.867 \pm 0.178$	$0.848 \pm 0.178$	$0.825 \pm 0.176$	$0.804 \pm 0.170$
shuttle-c0-vs-c4	$1.000 \pm 0.000$	$1.000 \pm 0.000$	$1.000 \pm 0.000$	$1.000 \pm 0.000$	$1.000 \pm 0.000$	$1.000 \pm 0.000$
ecoli-0-6-7- $vs$ -5	$0.693 \pm 0.204$	$0.637 \pm 0.196$	$0.852 \pm 0.181$ $1,2,5,6$	$0.834 \pm 0.181$	$0.774 \pm 0.201$	$0.749 \pm 0.201$
yeast-1-2-8-9- $vs$ -7	$0.191 \pm 0.122$	$0.195 \pm 0.112$	$0.138 \pm 0.128$	$0.098 \pm 0.061$	$0.132 \pm 0.098$	$0.129 \pm 0.049$
yeast-0-3-5-9-vs-7-8	$0.342 \pm 0.086$	$0.316 \pm 0.084$	$0.592 \pm 0.213$	$0.567 \pm 0.199$	$0.449 \pm 0.143$	$0.417 \pm 0.144$
yeast-2- $vs$ -4	$0.769 \stackrel{7}{\pm} 0.113$	$0.746 \pm 0.114$	$0.877 \pm 0.098$ $1,2,5,6$ $1,2,5,6$	$0.863 \pm 0.118$ $1,2,6$	$0.842 \pm 0.106$ $1,2,6$	$0.816 \pm 0.124$ $1,2$
ecoli-0-4-6- $vs$ -5	$0.868 \pm 0.169$ $2,3,5,6$	$0.804 \pm 0.172$	$0.803 \pm 0.171$	$0.818 \pm 0.171$	$0.781 \pm 0.181$	$0.790 \pm 0.187$
ecoli-0-1-3-7-vs-2-6	$0.534 \pm 0.383$	$0.573 \pm 0.392$	$0.770 \pm 0.402$ $1.2.5.6$	$0.713 \pm 0.401$ $1.2.6$	$0.614 \pm 0.401$	$0.520 \pm 0.377$
shuttle- $c2$ - $vs$ - $c4$	$1.000 \pm 0.000$ $3.4$	$1.000 \pm 0.000$ $3.4$	$0.500 \pm 0.500$	$0.520 \pm 0.499$	$0.920 \pm 0.271$ $3.4$	$0.920 \pm 0.271$ $3.4$
ecoli - 0 - 2 - 6 - 7 - vs - 3 - 5	$0.760 \pm 0.202$	$0.749 \pm 0.199$	$0.815 \pm 0.183$ $2,5,6$	$0.789 \pm 0.182$ $5,6$	$0.753 \pm 0.194$	$0.719 \pm 0.198$
yeast5	$0.591 \pm 0.094$	$0.581 \pm 0.093$	$0.628 \pm 0.096$	$0.587 \pm 0.093$	$0.580 \pm 0.090$	$0.578 \pm 0.100$

Table 5: Results for Precision metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
Mean rank	3.349	3.076	4.082	3.623	3.517	3.353
	2	_	all	6	6	_

Table 6: Results for mean ranks according to Precision metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
ecoli-0-1-vs-2-3-5	$0.792 \pm 0.184$	$0.787 \pm 0.186$	$0.703 \pm 0.184$	$0.715 \pm 0.179$	$0.724 \pm 0.180$	$0.719 \pm 0.176$
yeast-1-4-5-8- $vs$ -7	$0.160 \pm 0.156$	$0.183 \pm 0.160$	$0.203 \stackrel{-}{\pm} 0.167$	$0.297 \pm 0.180$	$0.333 \pm 0.173$	$0.403 \stackrel{-}{\pm} 0.170$
glass2	$0.533 \pm 0.260$	$0.547 \pm 0.236$	$0.642 \pm 0.261$	$0.720 \pm 0.249$	$0.755 \pm 0.231$	$0.735 \pm 0.241$
glass-0-1-4-6-vs-2	$0.538 \pm 0.259$	$0.520 \pm 0.281$	$0.573 \pm 0.276$	$0.697 \pm 0.217$	$0.732 \pm 0.242$	$0.705 \pm 0.240$
glass-0-1-6-vs-2	$0.517 \pm 0.254$	$0.457 \pm 0.252$	$0.623 \pm 0.274$	$0.745 \pm 0.234$	$0.762 \pm 0.211$	$0.772 \pm 0.226$
ecoli-0-1-4-7-vs-2-3-5-6	$0.744 \pm 0.158$	$0.758 \pm 0.159$	$0.715 \pm 0.167$	$0.722 \pm 0.168$	$0.730 \pm 0.167$	$0.734 \pm 0.161$
yeast-0-5-6-7-9-vs-4	$0.667 \pm 0.136$	$0.681 \pm 0.129$	$0.579 \pm 0.127$	$0.634 \pm 0.141$	$0.669 \pm 0.113$	$0.710 \pm 0.118$
ecoli- $0$ - $1$ - $vs$ - $5$	$0.850 \pm 0.150$	$0.850 \pm 0.150$	$0.815 \pm 0.156$	$0.825 \pm 0.160$	$0.835 \pm 0.155$	$0.845 \pm 0.149$
yeast-2-vs-8	$0.580 \pm 0.220$	$0.610 \pm 0.218$	$0.550 \pm 0.229$	$0.550 \pm 0.229$	$0.550 \pm 0.229$	$0.555 \pm 0.225$
yeast - 0 - 2 - 5 - 7 - 9 - vs - 3 - 6 - 8	$0.839 \pm 0.078$	$0.840 \pm 0.080$	$0.813 \pm 0.083$	$0.806 \pm 0.083$	$0.830 \pm 0.083$	$0.826 \pm 0.082$
$glass\hbox{-} 0\hbox{-} 4\hbox{-} vs\hbox{-} 5$	$0.940 \pm 0.190$	$0.950 \pm 0.180$	$0.700 \pm 0.331$	$0.720 \pm 0.362$	$0.960 \pm 0.135$	$0.930 \pm 0.173$
ecoli-0-3-4-7-vs-5-6	$0.824 \pm 0.158$	$0.828 \pm 0.160$	$0.764 \pm 0.163$	$0.812 \pm 0.146$	$0.816 \pm 0.154$	$0.828 \pm 0.154$
ecoli- $0$ - $1$ - $4$ - $6$ - $vs$ - $5$	$0.845 \pm 0.149$	$0.845 \pm 0.157$	$0.805 \pm 0.175$	$0.805 \pm 0.175$	$0.830 \pm 0.153$	$0.830 \pm 0.153$
ecoli4	$0.860 \pm 0.194$	$0.860 \pm 0.194$	$0.855 \pm 0.180$	$0.860 \pm 0.194$	$0.880 \stackrel{-}{\pm} 0.174$	$0.880 \stackrel{-}{\pm} 0.174$
$page-blocks-1\hbox{-}3\hbox{-}vs\hbox{-}4$	$0.869 \pm 0.182$	$0.847 \stackrel{-}{\pm} 0.191$	$0.562 \pm 0.211$	$0.638 \pm 0.228$	$0.703 \pm 0.173$	$0.696 \pm 0.180$
ecoli-0-3-4- $vs$ -5	$0.850 \pm 0.200$	$0.850 \pm 0.200$	$0.840 \pm 0.204$	$0.835 \stackrel{3}{\pm} 0.197$	$0.850 \pm 0.200$	$0.840 \pm 0.204$
yeast-1-vs-7	$0.340 \pm 0.194$	$0.353 \pm 0.196$	$0.323 \pm 0.180$	$0.443 \pm 0.201$	$0.387 \pm 0.217$	$0.463 \pm 0.211$
yeast4	$0.468 \pm 0.154$	$0.474 \pm 0.162$	$0.459 \pm 0.119$	$0.513 \pm 0.153$	$0.515 \pm 0.139$	$0.593 \pm 0.132$
ecoli - 0 - 1 - 4 - 7 - vs - 5 - 6	$0.816 \pm 0.173$	$0.820 \pm 0.156$	$0.784 \pm 0.164$	$0.800 \pm 0.154$	$0.812 \pm 0.151$	$0.812 \pm 0.157$
vowel0	$0.983 \pm 0.053$	$0.983 \pm 0.053$	$0.681 \pm 0.119$	$0.839 \pm 0.123$	$0.907 \pm 0.118$	$0.911 \pm 0.109$
ecoli-0-3-4-6-vs-5	$0.845 \pm 0.179$	$0.845 \pm 0.179$	$0.815 \pm 0.164$	$0.810 \pm 0.177$	$0.835 \pm 0.177$	$0.830 \pm 0.176$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.780 \pm 0.318$	$0.750 \pm 0.335$	$0.630 \pm 0.357$	$0.630 \pm 0.357$	$0.850 \pm 0.287$	$0.850 \pm 0.287$
$yeast \hbox{-} 0 \hbox{-} 2 \hbox{-} 5 \hbox{-} 6 \hbox{-} vs \hbox{-} 3 \hbox{-} 7 \hbox{-} 8 \hbox{-} 9$	$0.657 \pm 0.084$	$0.664 \pm 0.085$	$0.540 \pm 0.103$	$0.522 \pm 0.110$	$0.616 \pm 0.095$	$0.600 \pm 0.097$
yeast6	$0.669 \pm 0.177$	$0.663 \pm 0.168$	$0.660 \stackrel{4}{\pm} 0.166$	$0.697 \pm 0.170$	$0.694 \pm 0.173$	$0.720 \pm 0.161$
led 7 digit - 0 - 2 - 4 - 5 - 6 - 7 - 8 - 9 - vs - 1	$0.861 \pm 0.135$	$0.775 \pm 0.249$	$0.185 \pm 0.182$	$0.718 \pm 0.215$	$0.347 \pm 0.171$	$0.719 \pm 0.290$
glass5	$0.680 \pm 0.396$	$0.680 \pm 0.409$	$0.690 \pm 0.372$	$0.620 \pm 0.381$	$0.800 \stackrel{3}{\pm} 0.346$	$0.800 \pm 0.346$
$glass\hbox{-} 0\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.930 \pm 0.173$	$0.920 \pm 0.208$	$0.550 \pm 0.350$	$0.600 \pm 0.331$	$0.830 \pm 0.257$	$0.840 \pm 0.253$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 5\hbox{-} vs\hbox{-} 2$	$0.497 \pm 0.267$	$0.483 \pm 0.262$	$0.628 \pm 0.278$	$0.725 \pm 0.247$	$0.783 \pm 0.226$	$0.760 \pm 0.239$
ecoli-0-6-7- $vs$ -3-5	$0.760 \pm 0.196$	$0.770 \pm 0.189$	$0.672 \pm 0.201$	$0.694 \pm 0.188$	$0.685 \pm 0.206$	$0.704 \pm 0.191$
glass4	$0.857 \pm 0.278$	$0.857 \pm 0.278$	$0.600 \pm 0.288$	$0.590 \pm 0.283$	$0.740 \pm 0.318$	$0.760 \pm 0.316$
ecoli-0-2-3-4-vs-5	$0.850 \pm 0.158$	$0.850 \pm 0.158$	$0.835 \pm 0.155$	$0.830 \pm 0.161$	$0.840 \pm 0.156$	$0.845 \pm 0.157$
shuttle-c0-vs-c4	$0.992 \pm 0.016$	$0.992 \pm 0.016$	$0.991 \pm 0.016$	$0.991 \pm 0.016$	$0.992 \pm 0.016$	$0.992 \pm 0.016$
ecoli-0-6-7- $vs$ -5	$0.795 \pm 0.204$	$0.785 \pm 0.206$	$0.745 \pm 0.190$	$0.755 \pm 0.190$	$0.765 \pm 0.202$	$0.765 \pm 0.202$
$yeast \hbox{-} 1\hbox{-} 2\hbox{-} 8\hbox{-} 9\hbox{-} vs\hbox{-} 7$	$0.287 \pm 0.170$	$0.313 \pm 0.175$	$0.190 \pm 0.149$	$0.320 \pm 0.188$	$0.373 \pm 0.195$	$0.457 \pm 0.166$
yeast - 0 - 3 - 5 - 9 - vs - 7 - 8	$0.530 \pm 0.125$	$0.522 \pm 0.140$	$0.284 \pm 0.108$	$0.314 \pm 0.107$	$0.372 \pm 0.124$	$0.400 \stackrel{all}{\pm} 0.132$
yeast-2-vs-4	$0.774 \pm 0.123$	$0.778 \pm 0.125$	$0.682 \pm 0.126$	$0.701 \pm 0.132$	$0.719 \pm 0.127$	$0.732 \pm 0.132$
ecoli- $0$ - $4$ - $6$ - $vs$ - $5$	$3,4,5,6 \\ 0.850 \pm 0.158$	$0.850 \pm 0.158$	$0.840 \pm 0.156$	$0.840 \pm 0.156$	$0.845 \stackrel{3}{\pm} 0.157$	$0.845 \pm 0.157$
ecoli- $0$ - $1$ - $3$ - $7$ - $vs$ - $2$ - $6$	$0.700 \pm 0.400$	$0.700 \stackrel{-}{\pm} 0.400$	$0.700 \stackrel{-}{\pm} 0.400$	$0.700 \pm 0.400$	$0.700 \stackrel{-}{\pm} 0.400$	$0.700 \pm 0.400$
shuttle-c2-vs-c4	$0.990 \pm 0.069$	0.990 ± 0.069	$0.430 \pm 0.458$	$0.450 \pm 0.460$	$0.900 \pm 0.282$	$0.900 \pm 0.282$
ecoli - 0 - 2 - 6 - 7 - vs - 3 - 5	$0.754 \pm 0.193$	$0.764 \pm 0.177$	$0.681 \pm 0.198$	$0.718 \pm 0.176$	$0.686 \pm 0.201$	$0.714 \pm 0.189$
yeast5	$0.878 \pm 0.104$	$0.877 \pm 0.095$	$0.828 \pm 0.129$	$0.839 \pm 0.123$	$0.896 \pm 0.103$	$0.880 \pm 0.106$
	3,4	3,4	<u> </u>	<u> </u>	3,4	3,4

Table 7: Results for Recall metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
Mean rank	3.704	3.721	2.844	3.264	3.650	3.819
	3,4	3,4	_	3	3,4	3,4

Table 8: Results for mean ranks according to Recall metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
ecoli-0-1-vs-2-3-5	$0.877 \pm 0.089$	$0.873 \pm 0.090$	$0.850 \pm 0.092$	$0.855 \pm 0.089$	$0.857 \pm 0.089$	$0.853 \pm 0.087$
yeast-1-4-5-8-vs-7	$0.547 \pm 0.075$	$0.553 \stackrel{-}{\pm} 0.077$	$0.556 \pm 0.081$	$0.583 \pm 0.091$	$0.593 \pm 0.081$	$0.614 \stackrel{-}{\pm} 0.086$
glass2	$0.707 \pm 0.129$	$0.712 \stackrel{-}{\pm} 0.116$	$0.735 \pm 0.129$	$0.735 \pm 0.126$	$0.760 \pm 0.118$	$0.748 \pm 0.119$
$glass\hbox{-}0\hbox{-}1\hbox{-}4\hbox{-}6\hbox{-}vs\hbox{-}2$	$0.700 \pm 0.131$	$0.691 \stackrel{-}{\pm} 0.140$	$0.697 \pm 0.133$	$0.723 \pm 0.113$	$0.739 \pm 0.125$	$0.728 \overset{1,2}{\pm} 0.128$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 2$	$0.676 \pm 0.132$	$0.643 \stackrel{-}{\pm} 0.124$	$0.712 \pm 0.136$	$0.739 \pm 0.121$	$0.739 \stackrel{2}{\pm} 0.101$	$0.750 \pm 0.105$
ecoli-0-1-4-7-vs-2-3-5-6	$0.852 \pm 0.077$	$0.857 \stackrel{-}{\pm} 0.076$	$0.855 \stackrel{2}{\pm} 0.082$	$0.856 \pm 0.083$	$0.858 \pm 0.082$	$0.857 \pm 0.078$
yeast - 0 - 5 - 6 - 7 - 9 - vs - 4	$0.793 \pm 0.065$	$0.797 \stackrel{-}{\pm} 0.061$	$0.764 \stackrel{1}{\pm} 0.062$	$0.774 \stackrel{1}{\pm} 0.066$	$0.795 \pm 0.053$	$0.803 \pm 0.055$
ecoli-0-1-vs-5	$0.918 \pm 0.074$	$0.916 \pm 0.073$	$0.906 \pm 0.078$	$0.910 \pm 0.080$	$0.914 \pm 0.077$	$0.918 \pm 0.074$
yeast-2- $vs$ -8	$0.774 \pm 0.106$	$0.786 \pm 0.105$	$0.773 \pm 0.115$	$0.773 \pm 0.115$	$0.771 \pm 0.116$	$0.772 \stackrel{2}{\pm} 0.114$
yeast - 0 - 2 - 5 - 7 - 9 - vs - 3 - 6 - 8	$0.896 \pm 0.038$	$0.895 \pm 0.039$	$0.898 \pm 0.041$	$0.894 \pm 0.041$	$0.902 \pm 0.041$	$0.899 \pm 0.040$
$glass\hbox{-} 0\hbox{-} 4\hbox{-} vs\hbox{-} 5$	$0.956 \pm 0.096$	$0.959 \pm 0.091$	$0.835 \pm 0.164$	$0.842 \pm 0.177$	$0.957 \pm 0.075$	$0.941 \pm 0.088$
ecoli-0-3-4-7-vs-5-6	$0.893 \pm 0.075$	$0.893 \pm 0.076$	$0.874 \pm 0.082$	$0.893 \pm 0.073$	$0.898 \pm 0.078$	$0.903 \pm 0.078$
ecoli- $0$ - $1$ - $4$ - $6$ - $vs$ - $5$	$0.914 \pm 0.073$	$0.913 \pm 0.077$	$0.899 \pm 0.087$	$0.898 \pm 0.088$	$0.909 \stackrel{1,2}{\pm} 0.075$	$0.909 \pm 0.075$
ecoli4	$0.918 \pm 0.094$	$0.917 \pm 0.094$	$0.925 \pm 0.090$	$0.925 \pm 0.097$	$0.933 \pm 0.086$ $1,2,3,6$	$0.931 \pm 0.086$
page-blocks-1-3-vs-4	$0.912 \pm 0.091$ 3,4,5,6	$0.903 \pm 0.094$	$0.771 \pm 0.106$	$0.806 \overset{1,2}{\pm} 0.111$	$0.837 \pm 0.086$ $3,4$	$0.838 \pm 0.091$ $3,4,5$
ecoli-0-3-4-vs-5	$0.912 \pm 0.099$	$0.910 \pm 0.099$	$0.911 \pm 0.104$	$0.909 \stackrel{3}{\pm} 0.101$	$0.914 \pm 0.103$	$0.909 \pm 0.106$
yeast-1-vs-7	$0.631 \pm 0.098$	$0.634 \pm 0.099$	$0.620 \pm 0.087$	$0.642 \pm 0.092$	$0.632 \pm 0.101$	$0.652 \pm 0.101$
yeast4	$0.717 \pm 0.076$	$0.718 \pm 0.080$	$0.716 \pm 0.060$	$0.736 \pm 0.075$	$0.740 \pm 0.069$ $1,3$	$0.770 \pm 0.065$
ecoli - 0 - 1 - 4 - 7 - vs - 5 - 6	$0.894 \pm 0.085$	$0.894 \pm 0.076$	$0.888 \pm 0.081$	$0.892 \pm 0.077$	$0.900 \pm 0.076$ $1,2,4,6$	$0.899 \pm 0.078$ $1.2$
vowel0	$0.990 \pm 0.026$ 3,4,5,6	$0.991 \pm 0.026$ $3,4,5,6$	$0.836 \pm 0.060$	$0.914 \pm 0.061$	$0.948 \pm 0.058$	$0.952 \pm 0.054$ 3.4.5
ecoli-0-3-4-6-vs-5	$0.908 \pm 0.089$	$0.906 \pm 0.089$	$0.893 \pm 0.087$	$0.891 \pm 0.094$	$0.901 \pm 0.093$	$0.898 \pm 0.093$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.868 \pm 0.157$	$0.853 \pm 0.165$	$0.794 \pm 0.175$	$0.795 \pm 0.175$	$0.898 \pm 0.145$	$0.897 \pm 0.145$
yeast - 0 - 2 - 5 - 6 - vs - 3 - 7 - 8 - 9	$0.790 \pm 0.041$	$0.788 \pm 0.042$	$0.759 \pm 0.052$	$0.751 \pm 0.054$	$0.789 \pm 0.047$	$0.782 \pm 0.049$
yeast6	$0.821 \pm 0.087$	$0.818 \pm 0.083$	$0.821 \pm 0.083$	$0.835 \pm 0.084$	$0.835 \pm 0.086$	$0.843 \pm 0.079$
$led 7 digit \hbox{-} 0 \hbox{-} 2 \hbox{-} 4 \hbox{-} 5 \hbox{-} 6 \hbox{-} 7 \hbox{-} 8 \hbox{-} 9 \hbox{-} vs \hbox{-} 1$	$0.899 \pm 0.066$ $2,3,4,5$	$0.857 \pm 0.121$ $3.5$	$0.585 \stackrel{2}{\pm} 0.091$	$0.842 \pm 0.102$ $3.5$	$0.657 \pm 0.088$	$0.837 \stackrel{2}{\pm} 0.142$ $3.5$
glass5	$0.823 \pm 0.196$	$0.823 \pm 0.203$	$0.824 \pm 0.187$	$0.787 \pm 0.192$	$0.870 \pm 0.172$	$0.871 \pm 0.173$
$glass\hbox{-} 0\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.950 \pm 0.086$ $3,4,5$	$0.945 \pm 0.103$	$0.767 \pm 0.183$	$0.791 \pm 0.169$	$0.900 \pm 0.133$	$0.905 \pm 0.131$ $3.4$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 5\hbox{-} vs\hbox{-} 2$	$0.670 \pm 0.135$	$0.658 \pm 0.131$	$0.708 \pm 0.138$ $1.2$	$0.715 \pm 0.119$	$0.739 \pm 0.108$ $1.2$	$0.733 \pm 0.111$
ecoli-0-6-7-vs-3-5	$0.863 \stackrel{?}{\pm} 0.099$	$0.866 \pm 0.095$	$0.827 \pm 0.104$	$0.835 \pm 0.098$	$0.830 \pm 0.108$	$0.837 \pm 0.100$
glass4	$0.904 \pm 0.142$ $3,4,5,6$	$0.905 \pm 0.142$ $3,4,5,6$	$0.779 \pm 0.148$	$0.772 \pm 0.147$	$0.843 \pm 0.163$	$0.854 \pm 0.163$ $3.4$
$ecoli\mbox{-}0\mbox{-}2\mbox{-}3\mbox{-}4\mbox{-}vs\mbox{-}5$	$0.910 \pm 0.078$	$0.908 \pm 0.078$	$0.908 \pm 0.079$	$0.904 \pm 0.082$	$0.907 \pm 0.078$	$0.909 \pm 0.080$
$shuttle\hbox{-} c0\hbox{-} vs\hbox{-} c4$	$0.996 \pm 0.008$	$0.996 \pm 0.008$	$0.996 \stackrel{2}{\pm} 0.008$	$0.996 \pm 0.008$	$0.996 \pm 0.008$	$0.996 \pm 0.008$
ecoli-0-6-7- $vs$ -5	$0.875 \pm 0.101$	$0.865 \pm 0.100$	$0.865 \pm 0.098$	$0.868 \pm 0.096$	$0.869 \pm 0.105$	$0.867 \pm 0.104$
yeast-1-2-8-9- $vs$ -7	$0.623 \pm 0.085$	$0.634 \pm 0.088$	$0.574 \pm 0.075$	$0.610 \pm 0.093$	$0.643 \pm 0.092$	$0.676 \pm 0.083$
$yeast\hbox{-}0\hbox{-}3\hbox{-}5\hbox{-}9\hbox{-}vs\hbox{-}7\hbox{-}8$	$0.707 \pm 0.064$	$0.697 \pm 0.070$	$0.629 \pm 0.053$	$0.641 \pm 0.051$	$0.659 \pm 0.062$	$0.666 \pm 0.065$
yeast-2- $vs$ -4	$0.873 \pm 0.061$	$0.873 \pm 0.062$	$0.835 \pm 0.063$	$0.844 \pm 0.066$	$0.852 \pm 0.064$	$0.856 \pm 0.065$
ecoli-0-4-6-vs-5	$0.916 \pm 0.081$	$0.912 \pm 0.082$	$0.907 \pm 0.079$	$0.908 \pm 0.080$	$0.907 \pm 0.082$	$0.908 \pm 0.083$
$ecoli\mbox{-}0\mbox{-}1\mbox{-}3\mbox{-}7\mbox{-}vs\mbox{-}2\mbox{-}6$	$0.841 \pm 0.197$	$0.843 \pm 0.198$	$0.849 \pm 0.200$	$0.844 \pm 0.203$	$0.840 \pm 0.205$	$0.837 \pm 0.202$
shuttle-c2-vs-c4	$0.995 \pm 0.034$	$0.995 \pm 0.034$	$0.715 \pm 0.229$	$0.725 \pm 0.230$	$0.950 \pm 0.141$	$0.950 \pm 0.141$
ecoli - 0 - 2 - 6 - 7 - vs - 3 - 5	$0.859 \pm 0.091$	$0.862 \pm 0.081$	$0.832 \pm 0.102$	$0.847 \pm 0.088$	$0.829 \stackrel{3,4}{\pm} 0.101$	$0.839 \overset{3,4}{\pm} 0.096$
yeast5	$0.929 \pm 0.052$	$0.929 \stackrel{5}{\pm} 0.048$	$0.906 \stackrel{5}{\pm} 0.064$	$0.910 \pm 0.061$	$0.938 \pm 0.052$	$0.930 \pm 0.053$

Table 9: Results for AUC metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
Mean rank	3.608	3.409	3.381	3.407	3.590	3.604
	2	-	_	_	_	_

Table 10: Results for mean ranks according to AUC metric

Dataset	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
ecoli-0-1-vs-2-3-5	$0.865 \pm 0.106$	$0.861 \pm 0.109$	$0.829 \pm 0.114$	$0.836 \pm 0.110$	$0.839 \pm 0.109$	$0.835 \pm 0.107$
yeast-1-4-5-8-vs-7	$0.296 \pm 0.245$	$0.330 \pm 0.243$	$0.355 \pm 0.240$	$0.467 \pm 0.197$	$0.502 \pm 0.169$	$0.558 \pm 0.144$
glass2	$0.649 \pm 0.215$	$0.665 \pm 0.188$	$0.701 \pm 0.194$	$0.715 \pm 0.164$	$0.743 \pm 0.156$	$0.729 \pm 0.158$
$glass\hbox{-}0\hbox{-}1\hbox{-}4\hbox{-}6\hbox{-}vs\hbox{-}2$	$0.642 \pm 0.229$	$0.615 \pm 0.261$	$0.639 \pm 0.240$	$0.706 \pm 0.148$	$0.716 \pm 0.180$	$0.705 \stackrel{1,2}{\pm} 0.182$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 2$	$0.618 \pm 0.224$	$0.565 \pm 0.239$	$0.681 \pm 0.178$	$0.727 \pm 0.132$	$0.728 \stackrel{2}{\pm} 0.107$	$0.738 \stackrel{2}{\pm} 0.112$
ecoli-0-1-4-7-vs-2-3-5-6	$0.840 \stackrel{2}{\pm} 0.092$	$0.845 \stackrel{-}{\pm} 0.091$	$0.837 \stackrel{2}{\pm} 0.100$	$0.839 \pm 0.100$	$0.842 \pm 0.100$	$0.842 \pm 0.095$
yeast - 0 - 5 - 6 - 7 - 9 - vs - 4	$0.779 \pm 0.078$	$0.784 \pm 0.071$	$0.736 \pm 0.082$	$0.756 \pm 0.080$	$0.782 \pm 0.064$	$0.794 \pm 0.063$
ecoli- $0$ - $1$ - $vs$ - $5$	$0.911 \pm 0.082$	$0.909 \pm 0.082$	$0.897 \pm 0.088$	$0.902 \pm 0.090$	$0.906 \pm 0.087$	$0.912 \pm 0.083$
yeast-2-vs-8	$0.733 \pm 0.148$	$0.751 \pm 0.142$	$0.718 \pm 0.181$	$0.718 \pm 0.181$	$0.717 \pm 0.180$	$0.720 \pm 0.178$
yeast - 0 - 2 - 5 - 7 - 9 - vs - 3 - 6 - 8	$0.893 \pm 0.041$	$0.892 \pm 0.042$	$0.892 \pm 0.046$	$0.889 \pm 0.046$	$0.898 \pm 0.045$	$0.895 \pm 0.044$
$glass\hbox{-} 0\hbox{-} 4\hbox{-} vs\hbox{-} 5$	$0.942 \pm 0.157$	$0.947 \pm 0.153$	$0.770 \stackrel{4}{\pm} 0.289$	$0.762 \pm 0.330$	$0.953 \pm 0.084$	$0.935 \pm 0.101$
ecoli - 0 - 3 - 4 - 7 - vs - 5 - 6	$0.885 \pm 0.085$	$0.886 \pm 0.086$	$0.862 \pm 0.095$	$0.886 \pm 0.081$	$0.890 \pm 0.086$	$0.896 \pm 0.087$
ecoli- $0$ - $1$ - $4$ - $6$ - $vs$ - $5$	$0.908 \pm 0.081$	$0.906 \pm 0.087$	$0.889 \pm 0.100$	$0.888 \pm 0.100$	$0.902 \pm 0.084$	$0.902 \pm 0.084$
ecoli4	$0.908 \pm 0.112$	$0.907 \pm 0.112$	$0.916 \pm 0.103$	$0.915 \pm 0.116$	$0.926 \pm 0.099$ $1,2,3,6$	$0.924 \pm 0.098$
page-blocks-1-3-vs-4	$0.905 \pm 0.105$ 3,4,5,6	$0.895 \pm 0.110$ $3,4,5,6$	$0.727 \pm 0.145$	$0.773 \pm 0.146$	$0.820 \pm 0.103$ 3,4,6	$0.819 \pm 0.109$ $3,4$
ecoli-0-3-4- $vs$ -5	$0.901 \pm 0.121$	$0.899 \pm 0.120$	$0.900 \pm 0.126$	$0.898 \pm 0.122$	$0.904 \pm 0.124$	$0.898 \pm 0.127$
yeast-1-vs-7	$0.526 \pm 0.190$	$0.535 \pm 0.192$	$0.512 \pm 0.180$	$0.583 \pm 0.167$	$0.542 \stackrel{2}{\pm} 0.203$	$0.593 \pm 0.187$ $1,2,3$
yeast4	$0.662 \pm 0.116$	$0.664 \pm 0.121$	$0.662 \pm 0.091$	$0.692 \pm 0.111$	$0.698 \pm 0.097$ $1,3$	$0.744 \pm 0.083$
ecoli- $0$ - $1$ - $4$ - $7$ - $vs$ - $5$ - $6$	$0.884 \pm 0.104$	$0.886 \pm 0.088$	$0.877 \pm 0.091$	$0.883 \pm 0.086$	$0.892 \pm 0.085$ $1,2,4,6$	$0.890 \pm 0.089$ $1.2$
vowel0	$0.989 \pm 0.028$ 3,4,5,6	$0.990 \pm 0.028$ $3,4,5,6$	$0.818 \pm 0.074$	$0.908 \pm 0.068$	$0.945 \pm 0.065$	$0.949 \pm 0.059$ 3,4,5
ecoli- $0$ - $3$ - $4$ - $6$ - $vs$ - $5$	$0.900 \pm 0.101$	$0.898 \pm 0.101$	$0.885 \pm 0.097$	$0.882 \pm 0.105$	$0.893 \pm 0.104$	$0.890 \pm 0.103$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.818 \pm 0.272$	$0.793 \pm 0.293$	$0.701 \pm 0.332$	$0.701 \pm 0.332$	$0.863 \pm 0.244$	$0.862 \pm 0.244$
yeast - 0 - 2 - 5 - 6 - vs - 3 - 7 - 8 - 9	$0.777 \pm 0.049$ $3,4,6$	$0.777 \pm 0.050$ $3,4,6$	$0.723 \pm 0.072$	$0.711 \pm 0.077$	$0.767 \pm 0.063$	$0.758 \pm 0.066$
yeast6	$0.799 \pm 0.112$	$0.795 \pm 0.108$	$0.798 \pm 0.106$	$0.816 \pm 0.107$	$0.815 \pm 0.112$	$0.828 \pm 0.098$
$led 7 digit \hbox{-} 0 \hbox{-} 2 \hbox{-} 4 \hbox{-} 5 \hbox{-} 6 \hbox{-} 7 \hbox{-} 8 \hbox{-} 9 \hbox{-} vs \hbox{-} 1$	$0.895 \stackrel{?}{\pm} 0.071$ $2,3,4,5$	$0.832 \pm 0.184$ $3,5$	$0.338 \pm 0.260$	$0.820 \pm 0.137$ $3.5$	$0.556 \pm 0.162$	$0.803 \stackrel{?}{\pm} 0.199$ 3.5
glass5	$0.716 \pm 0.376$	$0.709 \pm 0.392$ <sub>4</sub>	$0.736 \pm 0.345$	$0.679 \pm 0.362$	$0.807 \pm 0.314$	$0.809 \pm 0.315$
$glass\hbox{-} 0\hbox{-} 6\hbox{-} vs\hbox{-} 5$	$0.944 \pm 0.099$ 3,4,5	$0.930 \stackrel{4}{\pm} 0.162$ $3,4$	$0.651 \pm 0.349$	$0.703 \pm 0.312$	$0.879 \pm 0.183$ $3,4$	$0.885 \pm 0.181$ $3,4$
$glass\hbox{-} 0\hbox{-} 1\hbox{-} 5\hbox{-} vs\hbox{-} 2$	$0.606 \pm 0.226$	$0.593 \pm 0.222$	$0.673 \pm 0.198$ $1.2$	$0.694 \pm 0.153$ $1,2$	$0.720 \pm 0.143$ $1.2$	$0.713 \pm 0.147$ $1,2$
ecoli- $0$ - $6$ - $7$ - $vs$ - $3$ - $5$	$0.849 \pm 0.118$	$0.853 \pm 0.113$	$0.803 \pm 0.129$	$0.815 \pm 0.119$	$0.808 \pm 0.132$	$0.818 \pm 0.120$
glass4	$0.870 \pm 0.242$ 3,4,5,6	$0.871 \pm 0.242$ $3,4,5,6$	$0.716 \pm 0.253$	$0.708 \pm 0.251$	$0.793 \pm 0.272$ <sub>4</sub>	$0.805 \pm 0.272$ $3,4$
ecoli- $0$ - $2$ - $3$ - $4$ - $vs$ - $5$	$0.903 \pm 0.086$	$0.901 \pm 0.087$	$0.901 \pm 0.088$	$0.897 \pm 0.092$	$0.901 \pm 0.087$	$0.902 \pm 0.089$
shuttle-c0-vs-c4	0.996 ± 0.008	0.996 ± 0.008	$0.995 \pm 0.008$	$0.995 \pm 0.008$	0.996 ± 0.008	$0.996 \pm 0.008$
ecoli-0-6-7-vs-5	$0.863 \pm 0.119$	$0.852 \pm 0.121$	$0.849 \pm 0.116$	$0.854 \pm 0.115$	$0.855 \pm 0.123$ $2.3.4.6$	$0.853 \pm 0.122$
yeast-1-2-8-9- $vs$ -7	$0.481 \pm 0.210$	$0.507 \pm 0.206$ 3	$0.355 \pm 0.236$	$0.495 \pm 0.206$	$0.540 \pm 0.214 \\ 3$	$0.628 \pm 0.117$ $1,2,3,4$
yeast-0-3-5-9-vs-7-8	$0.679 \pm 0.084$	$0.668 \pm 0.095 \\ 3,4,5,6$	$0.512 \pm 0.120$	$0.538 \pm 0.114$	$0.580 \pm 0.124$ $3,4$	$0.597 \pm 0.123$ $3,4$
yeast-2-vs-4	$0.865 \pm 0.069 \\ 3,4,5,6$	$0.865 \pm 0.071 \\ 3,4,5,6$	$0.817 \pm 0.076$	$0.828 \pm 0.078$	$0.838 \pm 0.075$	$0.843 \pm 0.076$
ecoli-0-4-6-vs-5	$ \begin{array}{c} 3,4,5,6\\0.909 \pm 0.090\\ all \end{array} $	$3,4,5,6 \\ 0.905 \pm 0.090 \\ -$	$0.900 \pm 0.088$	$0.901 \pm 0.088$	$0.901 \pm 0.090$ <sub>4</sub>	$0.902 \pm 0.091$
ecoli-0-1-3-7-vs-2-6	$0.734 \pm 0.383$	$0.735 \pm 0.384$	$0.741 \pm 0.387$ $1,2,5,6$ $0.459 \pm 0.468$	$0.739 \pm 0.385$ $1,2,6$	$0.736 \pm 0.385$	$0.733 \pm 0.382$
shuttle- $c2$ - $vs$ - $c4$	$0.994 \pm 0.041$ 3,4	$0.994 \pm 0.041$ $3,4$	_	$0.479 \pm 0.469$	$0.908 \pm 0.273$ 3,4	$0.908 \pm 0.273$ $3,4$
ecoli-0-2-6-7-vs-3-5	$0.844 \pm 0.111 \\ 5$	$0.850 \pm 0.096$	$0.809 \pm 0.127$ <sub>5</sub>	$0.830 \pm 0.106$ $5,6$	$0.807 \pm 0.125$	$0.822 \pm 0.115$
yeast5	$\begin{array}{c c}  & 5 \\  0.926 \pm 0.057 \\  & 4 \end{array}$	$0.926 \pm 0.052 \\ 4$	0.900 ± 0.073 -	$\begin{array}{c} 5,6 \\ 0.905 \pm 0.068 \\ 3 \end{array}$	$0.935 \pm 0.056$ 3,4	$0.927 \pm 0.057$ 3,4

Table 11: Results for GMEAN metric

	OSB (1)	OKNORAU (2)	TBAC (3)	TBAW (4)	OTBAC (5)	OTBAW (6)
Mean rank	3.601	3.415	3.365	3.404	3.600	3.615
	2	_	_	_	4	_

Table 12: Results for mean ranks according to GMEAN metric