

Dataset	GNB	kNN
<i>glass-0-4-vs-5</i>	0.989 ± 0.022	0.864 ± 0.170
<i>breastcan</i>	0.959 ± 0.017	0.968 ± 0.022
<i>wisconsin</i>	0.954 ± 0.018	0.947 ± 0.033
<i>yeast-1-2-8-9-vs-7</i>	0.114 ± 0.042	0.967 ± 0.004
<i>ionosphere</i>	0.866 ± 0.028	0.826 ± 0.038
<i>yeast-1-vs-7</i>	0.257 ± 0.058	0.937 ± 0.004
<i>ecoli-0-1-4-7-vs-5-6</i>	0.946 ± 0.032	0.940 ± 0.069
<i>breastcancoimbra</i>	0.554 ± 0.108	0.480 ± 0.100
<i>ecoli-0-6-7-vs-5</i>	0.905 ± 0.094	0.955 ± 0.040
<i>yeast-1-4-5-8-vs-7</i>	0.114 ± 0.030	0.945 ± 0.019
<i>ecoli-0-1-vs-2-3-5</i>	0.914 ± 0.024	0.963 ± 0.015
<i>glass-0-1-4-6-vs-2</i>	0.458 ± 0.255	0.898 ± 0.033
<i>sonar</i>	0.643 ± 0.233	0.523 ± 0.120
<i>ecoli-0-3-4-6-vs-5</i>	0.561 ± 0.241	0.946 ± 0.047
<i>glass-0-1-6-vs-5</i>	0.973 ± 0.017	0.829 ± 0.233
<i>yeast-0-3-5-9-vs-7-8</i>	0.326 ± 0.309	0.893 ± 0.049
<i>ecoli4</i>	0.824 ± 0.307	0.943 ± 0.084
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.932 ± 0.030	0.934 ± 0.067
<i>monkone</i>	0.637 ± 0.099	0.810 ± 0.101
<i>heart</i>	0.841 ± 0.025	0.681 ± 0.039
<i>ecoli-0-3-4-7-vs-5-6</i>	0.704 ± 0.217	0.938 ± 0.040
<i>ecoli-0-1-3-7-vs-2-6</i>	0.943 ± 0.047	0.989 ± 0.014
<i>australian</i>	0.787 ± 0.016	0.690 ± 0.037
<i>glass-0-1-6-vs-2</i>	0.444 ± 0.229	0.901 ± 0.036
<i>shuttle-c2-vs-c4</i>	0.968 ± 0.046	0.962 ± 0.023
<i>banknote</i>	0.838 ± 0.033	1.000 ± 0.000
<i>yeast-2-vs-8</i>	0.408 ± 0.297	0.979 ± 0.006
<i>spambase</i>	0.780 ± 0.074	0.820 ± 0.038
<i>ecoli-0-4-6-vs-5</i>	0.910 ± 0.095	0.945 ± 0.048
<i>yeast-2-vs-4</i>	0.350 ± 0.299	0.961 ± 0.013
<i>liver</i>	0.554 ± 0.064	0.667 ± 0.042
<i>page-blocks-1-3-vs-4</i>	0.927 ± 0.069	0.921 ± 0.031
<i>yeast-0-5-6-7-9-vs-4</i>	0.127 ± 0.021	0.875 ± 0.070
<i>popfailures</i>	0.944 ± 0.008	0.911 ± 0.007
<i>german</i>	0.727 ± 0.040	0.686 ± 0.019
<i>glass2</i>	0.492 ± 0.122	0.902 ± 0.035
<i>ecoli-0-6-7-vs-3-5</i>	0.896 ± 0.044	0.951 ± 0.038
<i>ecoli-0-1-4-6-vs-5</i>	0.939 ± 0.061	0.964 ± 0.029
<i>ecoli-0-2-3-4-vs-5</i>	0.578 ± 0.267	0.950 ± 0.038
<i>glass-0-6-vs-5</i>	0.982 ± 0.022	0.935 ± 0.037
<i>ecoli-0-2-6-7-vs-3-5</i>	0.897 ± 0.044	0.951 ± 0.038
<i>ecoli-0-3-4-vs-5</i>	0.580 ± 0.266	0.950 ± 0.038
<i>glass4</i>	0.778 ± 0.271	0.911 ± 0.069
<i>glass5</i>	0.972 ± 0.022	0.853 ± 0.200
<i>diabetes</i>	0.751 ± 0.018	0.690 ± 0.029
<i>glass-0-1-5-vs-2</i>	0.484 ± 0.220	0.867 ± 0.028
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.742 ± 0.331	0.904 ± 0.054
<i>yeast3</i>	0.296 ± 0.071	0.947 ± 0.010
<i>cryotherapy</i>	0.845 ± 0.020	0.723 ± 0.027
<i>ecoli-0-1-vs-5</i>	0.950 ± 0.044	0.975 ± 0.008
<i>shuttle-c0-vs-c4</i>	0.997 ± 0.001	0.999 ± 0.001
<i>yeast6</i>	0.316 ± 0.093	0.980 ± 0.003
<i>yeast4</i>	0.177 ± 0.056	0.966 ± 0.004
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.274 ± 0.131	0.950 ± 0.038
<i>vowel0</i>	0.937 ± 0.034	0.937 ± 0.028
<i>yeast5</i>	0.668 ± 0.044	0.980 ± 0.004
<i>monkthree</i>	0.913 ± 0.048	0.969 ± 0.012

Table 1: Results for ACC metric

Dataset	GNB	kNN
<i>glass-0-4-vs-5</i>	0.994 ± 0.012	0.750 ± 0.158
<i>breastcan</i>	0.962 ± 0.014	0.965 ± 0.027
<i>wisconsin</i>	0.957 ± 0.013	0.938 ± 0.045
<i>yeast-1-2-8-9-vs-7</i>	0.543 ± 0.022	0.516 ± 0.033
<i>ionosphere</i>	0.834 ± 0.044	0.767 ± 0.051
<i>yeast-1-vs-7</i>	0.572 ± 0.053	0.517 ± 0.033
<i>ecoli-0-1-4-7-vs-5-6</i>	0.769 ± 0.185	0.784 ± 0.111
<i>breastcancoimbra</i>	0.575 ± 0.108	0.473 ± 0.109
<i>ecoli-0-6-7-vs-5</i>	0.812 ± 0.142	0.818 ± 0.132
<i>yeast-1-4-5-8-vs-7</i>	0.521 ± 0.044	0.494 ± 0.010
<i>ecoli-0-1-vs-2-3-5</i>	0.578 ± 0.118	0.833 ± 0.095
<i>glass-0-1-4-6-vs-2</i>	0.559 ± 0.163	0.520 ± 0.067
<i>sonar</i>	0.652 ± 0.232	0.525 ± 0.119
<i>ecoli-0-3-4-6-vs-5</i>	0.690 ± 0.081	0.859 ± 0.079
<i>glass-0-1-6-vs-5</i>	0.939 ± 0.094	0.531 ± 0.202
<i>yeast-0-3-5-9-vs-7-8</i>	0.573 ± 0.067	0.611 ± 0.115
<i>ecoli4</i>	0.883 ± 0.159	0.876 ± 0.079
<i>ecoli-0-1-4-7-vs-2-3-5-6</i>	0.647 ± 0.183	0.774 ± 0.124
<i>monkone</i>	0.637 ± 0.099	0.810 ± 0.101
<i>heart</i>	0.837 ± 0.024	0.672 ± 0.043
<i>ecoli-0-3-4-7-vs-5-6</i>	0.729 ± 0.127	0.787 ± 0.095
<i>ecoli-0-1-3-7-vs-2-6</i>	0.874 ± 0.188	0.898 ± 0.199
<i>australian</i>	0.772 ± 0.015	0.677 ± 0.037
<i>glass-0-1-6-vs-2</i>	0.550 ± 0.156	0.547 ± 0.073
<i>shuttle-c2-vs-c4</i>	0.984 ± 0.024	0.600 ± 0.200
<i>banknote</i>	0.833 ± 0.034	1.000 ± 0.000
<i>yeast-2-vs-8</i>	0.667 ± 0.168	0.774 ± 0.120
<i>spambase</i>	0.813 ± 0.064	0.804 ± 0.036
<i>ecoli-0-4-6-vs-5</i>	0.795 ± 0.218	0.858 ± 0.079
<i>yeast-2-vs-4</i>	0.598 ± 0.129	0.838 ± 0.071
<i>liver</i>	0.576 ± 0.059	0.642 ± 0.044
<i>page-blocks-1-3-vs-4</i>	0.762 ± 0.162	0.662 ± 0.088
<i>yeast-0-5-6-7-9-vs-4</i>	0.499 ± 0.030	0.626 ± 0.036
<i>popfailures</i>	0.682 ± 0.048	0.498 ± 0.004
<i>german</i>	0.694 ± 0.037	0.579 ± 0.016
<i>glass2</i>	0.609 ± 0.032	0.543 ± 0.076
<i>ecoli-0-6-7-vs-3-5</i>	0.573 ± 0.116	0.818 ± 0.111
<i>ecoli-0-1-4-6-vs-5</i>	0.875 ± 0.116	0.865 ± 0.080
<i>ecoli-0-2-3-4-vs-5</i>	0.699 ± 0.101	0.861 ± 0.077
<i>glass-0-6-vs-5</i>	0.945 ± 0.097	0.645 ± 0.204
<i>ecoli-0-2-6-7-vs-3-5</i>	0.573 ± 0.116	0.818 ± 0.111
<i>ecoli-0-3-4-vs-5</i>	0.700 ± 0.098	0.861 ± 0.077
<i>glass4</i>	0.508 ± 0.204	0.734 ± 0.066
<i>glass5</i>	0.938 ± 0.094	0.541 ± 0.187
<i>diabetes</i>	0.713 ± 0.023	0.638 ± 0.030
<i>glass-0-1-5-vs-2</i>	0.549 ± 0.165	0.511 ± 0.054
<i>yeast-0-2-5-6-vs-3-7-8-9</i>	0.549 ± 0.097	0.686 ± 0.101
<i>yeast3</i>	0.597 ± 0.041	0.828 ± 0.024
<i>cryotherapy</i>	0.838 ± 0.025	0.718 ± 0.026
<i>ecoli-0-1-vs-5</i>	0.791 ± 0.175	0.873 ± 0.075
<i>shuttle-c0-vs-c4</i>	0.991 ± 0.009	0.996 ± 0.008
<i>yeast6</i>	0.650 ± 0.047	0.725 ± 0.082
<i>yeast4</i>	0.555 ± 0.042	0.577 ± 0.040
<i>yeast-0-2-5-7-9-vs-3-6-8</i>	0.560 ± 0.020	0.826 ± 0.150
<i>vowel0</i>	0.881 ± 0.085	0.706 ± 0.119
<i>yeast5</i>	0.829 ± 0.023	0.804 ± 0.078
<i>monkthree</i>	0.916 ± 0.046	0.969 ± 0.012

Table 2: Results for BAC metric