



Dataset	GNB	kNN	SVC	DTC
<i>breastcan</i>	0.959 ± 0.017	0.968 ± 0.022	0.965 ± 0.023	0.939 ± 0.019
<i>wisconsin</i>	0.954 ± 0.018	0.947 ± 0.033	0.953 ± 0.023	0.926 ± 0.023
<i>ionosphere</i>	0.866 ± 0.028	0.826 ± 0.038	0.940 ± 0.027	0.860 ± 0.059
<i>soybean</i>	1.000 ± 0.000	0.978 ± 0.044	1.000 ± 0.000	0.978 ± 0.044
<i>sonar</i>	0.643 ± 0.233	0.523 ± 0.120	0.558 ± 0.167	0.655 ± 0.103
<i>digit</i>	1.000 ± 0.000	0.991 ± 0.001	0.953 ± 0.004	1.000 ± 0.000
<i>balance</i>	0.732 ± 0.147	0.738 ± 0.039	0.805 ± 0.097	0.614 ± 0.109
<i>monkone</i>	0.637 ± 0.099	0.810 ± 0.101	0.812 ± 0.064	1.000 ± 0.000
<i>heart</i>	0.841 ± 0.025	0.681 ± 0.039	0.678 ± 0.038	0.756 ± 0.056
<i>australian</i>	0.787 ± 0.016	0.690 ± 0.037	0.678 ± 0.033	0.800 ± 0.033
<i>spambase</i>	0.780 ± 0.074	0.820 ± 0.038	0.832 ± 0.035	0.891 ± 0.048
<i>liver</i>	0.554 ± 0.064	0.667 ± 0.042	0.690 ± 0.042	0.623 ± 0.031
<i>waveform</i>	0.810 ± 0.008	0.819 ± 0.018	0.865 ± 0.011	0.746 ± 0.010
<i>hayes</i>	0.700 ± 0.051	0.539 ± 0.074	0.812 ± 0.059	0.838 ± 0.057
<i>german</i>	0.727 ± 0.040	0.686 ± 0.019	0.721 ± 0.008	0.678 ± 0.039
<i>iris</i>	0.953 ± 0.026	0.973 ± 0.024	0.980 ± 0.016	0.960 ± 0.032
<i>wine</i>	0.956 ± 0.036	0.686 ± 0.044	0.720 ± 0.070	0.859 ± 0.040
<i>diabetes</i>	0.751 ± 0.018	0.690 ± 0.029	0.686 ± 0.028	0.710 ± 0.044
<i>yeast3</i>	0.296 ± 0.071	0.947 ± 0.010	0.929 ± 0.006	0.936 ± 0.025
<i>monkthree</i>	0.913 ± 0.048	0.969 ± 0.012	0.964 ± 0.019	0.953 ± 0.008

Table 1: Results for ACC metric

Dataset	GNB	kNN	SVC	DTC
<i>breastcan</i>	0.902 ± 0.041	0.928 ± 0.048	0.917 ± 0.051	0.865 ± 0.042
<i>wisconsin</i>	0.890 ± 0.044	0.884 ± 0.071	0.889 ± 0.050	0.835 ± 0.044
<i>ionosphere</i>	0.738 ± 0.048	0.679 ± 0.072	0.888 ± 0.051	0.726 ± 0.103
<i>sonar</i>	0.705 ± 0.113	0.562 ± 0.044	0.589 ± 0.101	0.638 ± 0.086
<i>monkone</i>	0.595 ± 0.070	0.765 ± 0.121	0.781 ± 0.093	1.000 ± 0.000
<i>heart</i>	0.758 ± 0.038	0.572 ± 0.038	0.569 ± 0.037	0.652 ± 0.064
<i>australian</i>	0.703 ± 0.025	0.582 ± 0.036	0.569 ± 0.035	0.701 ± 0.039
<i>spambase</i>	0.648 ± 0.070	0.693 ± 0.059	0.708 ± 0.053	0.802 ± 0.076
<i>liver</i>	0.628 ± 0.036	0.663 ± 0.029	0.674 ± 0.034	0.649 ± 0.020
<i>german</i>	0.451 ± 0.045	0.353 ± 0.016	0.356 ± 0.016	0.381 ± 0.035
<i>diabetes</i>	0.533 ± 0.026	0.454 ± 0.030	0.430 ± 0.041	0.489 ± 0.049
<i>yeast3</i>	0.134 ± 0.012	0.589 ± 0.070	0.432 ± 0.053	0.557 ± 0.104
<i>monkthree</i>	0.916 ± 0.047	0.957 ± 0.017	0.958 ± 0.027	0.943 ± 0.020

Table 2: Results for APC metric

Dataset	GNB	kNN	SVC	DTC
<i>breastcan</i>	0.962 ± 0.014	0.965 ± 0.027	0.965 ± 0.025	0.932 ± 0.022
<i>wisconsin</i>	0.957 ± 0.013	0.938 ± 0.045	0.952 ± 0.027	0.918 ± 0.033
<i>ionosphere</i>	0.834 ± 0.044	0.767 ± 0.051	0.920 ± 0.038	0.837 ± 0.075
<i>soybean</i>	1.000 ± 0.000	0.975 ± 0.049	1.000 ± 0.000	0.975 ± 0.049
<i>sonar</i>	0.652 ± 0.232	0.525 ± 0.119	0.557 ± 0.166	0.653 ± 0.100
<i>digit</i>	1.000 ± 0.000	0.991 ± 0.001	0.954 ± 0.004	1.000 ± 0.000
<i>balance</i>	0.530 ± 0.107	0.551 ± 0.025	0.582 ± 0.071	0.514 ± 0.036
<i>monkone</i>	0.637 ± 0.099	0.810 ± 0.101	0.812 ± 0.064	1.000 ± 0.000
<i>heart</i>	0.837 ± 0.024	0.672 ± 0.043	0.669 ± 0.039	0.752 ± 0.058
<i>australian</i>	0.772 ± 0.015	0.677 ± 0.037	0.661 ± 0.038	0.798 ± 0.035
<i>spambase</i>	0.813 ± 0.064	0.804 ± 0.036	0.817 ± 0.034	0.889 ± 0.044
<i>liver</i>	0.576 ± 0.059	0.642 ± 0.044	0.659 ± 0.053	0.618 ± 0.032
<i>waveform</i>	0.809 ± 0.008	0.819 ± 0.018	0.865 ± 0.011	0.745 ± 0.010
<i>hayes</i>	0.753 ± 0.042	0.514 ± 0.079	0.846 ± 0.049	0.866 ± 0.049
<i>german</i>	0.694 ± 0.037	0.579 ± 0.016	0.563 ± 0.017	0.619 ± 0.039
<i>iris</i>	0.953 ± 0.026	0.973 ± 0.024	0.980 ± 0.016	0.960 ± 0.032
<i>wine</i>	0.961 ± 0.030	0.670 ± 0.049	0.720 ± 0.067	0.864 ± 0.045
<i>diabetes</i>	0.713 ± 0.023	0.638 ± 0.030	0.601 ± 0.041	0.674 ± 0.036
<i>yeast3</i>	0.597 ± 0.041	0.828 ± 0.024	0.699 ± 0.026	0.843 ± 0.036
<i>monkthree</i>	0.916 ± 0.046	0.969 ± 0.012	0.964 ± 0.019	0.954 ± 0.008

Table 3: Results for BAC metric

Dataset	GNB	kNN	SVC	DTC
<i>breastcan</i>	0.912 \pm 0.036	0.929 \pm 0.049	0.924 \pm 0.050	0.865 \pm 0.042
<i>wisconsin</i>	0.901 \pm 0.038	0.881 \pm 0.079	0.896 \pm 0.052	0.834 \pm 0.054
<i>ionosphere</i>	0.695 \pm 0.075	0.583 \pm 0.100	0.865 \pm 0.064	0.687 \pm 0.137
<i>soybean</i>	1.000 \pm 0.000	0.969 \pm 0.061	1.000 \pm 0.000	0.969 \pm 0.061
<i>sonar</i>	0.300 \pm 0.453	0.051 \pm 0.235	0.115 \pm 0.333	0.307 \pm 0.202
<i>digit</i>	1.000 \pm 0.000	0.990 \pm 0.002	0.948 \pm 0.004	1.000 \pm 0.000
<i>balance</i>	0.505 \pm 0.271	0.532 \pm 0.064	0.641 \pm 0.175	0.394 \pm 0.129
<i>monkone</i>	0.273 \pm 0.198	0.621 \pm 0.202	0.625 \pm 0.129	1.000 \pm 0.000
<i>heart</i>	0.676 \pm 0.050	0.347 \pm 0.086	0.341 \pm 0.079	0.505 \pm 0.115
<i>australian</i>	0.558 \pm 0.031	0.361 \pm 0.075	0.329 \pm 0.076	0.595 \pm 0.069
<i>spambase</i>	0.580 \pm 0.128	0.618 \pm 0.078	0.643 \pm 0.072	0.774 \pm 0.096
<i>liver</i>	0.144 \pm 0.109	0.294 \pm 0.091	0.330 \pm 0.108	0.234 \pm 0.064
<i>waveform</i>	0.715 \pm 0.012	0.729 \pm 0.027	0.797 \pm 0.017	0.618 \pm 0.015
<i>hayes</i>	0.538 \pm 0.079	0.247 \pm 0.124	0.709 \pm 0.088	0.747 \pm 0.089
<i>german</i>	0.375 \pm 0.079	0.174 \pm 0.038	0.158 \pm 0.040	0.237 \pm 0.081
<i>iris</i>	0.930 \pm 0.039	0.960 \pm 0.037	0.970 \pm 0.024	0.940 \pm 0.048
<i>wine</i>	0.933 \pm 0.054	0.521 \pm 0.069	0.580 \pm 0.103	0.787 \pm 0.061
<i>diabetes</i>	0.437 \pm 0.044	0.289 \pm 0.063	0.225 \pm 0.088	0.354 \pm 0.082
<i>yeast3</i>	0.053 \pm 0.024	0.709 \pm 0.055	0.523 \pm 0.051	0.683 \pm 0.098
<i>monkthree</i>	0.827 \pm 0.096	0.939 \pm 0.024	0.928 \pm 0.039	0.906 \pm 0.017

Table 4: Results for CKS metric

Dataset	GNB	kNN	SVC	DTC
<i>breastcan</i>	0.944 ± 0.022	0.954 ± 0.032	0.951 ± 0.032	0.912 ± 0.027
<i>wisconsin</i>	0.936 ± 0.023	0.920 ± 0.056	0.932 ± 0.034	0.890 ± 0.038
<i>ionosphere</i>	0.790 ± 0.063	0.692 ± 0.082	0.909 ± 0.045	0.790 ± 0.095
<i>sonar</i>	0.599 ± 0.281	0.521 ± 0.137	0.572 ± 0.184	0.675 ± 0.115
<i>monkone</i>	0.617 ± 0.146	0.807 ± 0.104	0.807 ± 0.055	1.000 ± 0.000
<i>heart</i>	0.817 ± 0.026	0.616 ± 0.067	0.618 ± 0.056	0.724 ± 0.068
<i>australian</i>	0.726 ± 0.019	0.617 ± 0.045	0.576 ± 0.074	0.776 ± 0.043
<i>spambase</i>	0.780 ± 0.056	0.762 ± 0.045	0.779 ± 0.041	0.866 ± 0.052
<i>liver</i>	0.523 ± 0.103	0.734 ± 0.036	0.762 ± 0.024	0.665 ± 0.035
<i>german</i>	0.574 ± 0.048	0.371 ± 0.030	0.260 ± 0.058	0.468 ± 0.052
<i>diabetes</i>	0.621 ± 0.032	0.512 ± 0.044	0.411 ± 0.088	0.573 ± 0.049
<i>yeast3</i>	0.236 ± 0.019	0.738 ± 0.050	0.555 ± 0.050	0.718 ± 0.084
<i>monkthree</i>	0.907 ± 0.054	0.970 ± 0.011	0.964 ± 0.019	0.954 ± 0.008

Table 5: Results for F1 metric