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

Table 1: Results for ACC metric

TESTS

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

Table 2: Results for APC metric

Dataset	GNB	kNN	SVC	DTC
breastcan	**0.962 ± 0.014**	**0.965 ± 0.027**	**0.965 ± 0.025**	**0.932 ± 0.022**
wisconsin	**0.957 ± 0.013**	**0.938 ± 0.045**	**0.952 ± 0.027**	0.918 ± 0.033
ionosphere	0.834 ± 0.044	0.767 ± 0.051	**0.920 ± 0.038**	**0.837 ± 0.075**
soybean	**1.000 ± 0.000**	**0.975 ± 0.049**	**1.000 ± 0.000**	**0.975 ± 0.049**
sonar	**0.652 ± 0.232**	**0.525 ± 0.119**	**0.557 ± 0.166**	**0.653 ± 0.100**
digit	**1.000 ± 0.000**	0.991 ± 0.001	0.954 ± 0.004	**1.000 ± 0.000**
balance	**0.530 ± 0.107**	**0.551 ± 0.025**	**0.582 ± 0.071**	**0.514 ± 0.036**
monkone	0.637 ± 0.099	0.810 ± 0.101	0.812 ± 0.064	**1.000 ± 0.000**
heart	**0.837 ± 0.024**	0.672 ± 0.043	0.669 ± 0.039	**0.752 ± 0.058**
australian	**0.772 ± 0.015**	0.677 ± 0.037	0.661 ± 0.038	**0.798 ± 0.035**
spambase	**0.813 ± 0.064**	0.804 ± 0.036	**0.817 ± 0.034**	**0.889 ± 0.044**
liver	**0.576 ± 0.059**	**0.642 ± 0.044**	**0.659 ± 0.053**	**0.618 ± 0.032**
waveform	0.809 ± 0.008	0.819 ± 0.018	**0.865 ± 0.011**	0.745 ± 0.010
hayes	0.753 ± 0.042	0.514 ± 0.079	**0.846 ± 0.049**	**0.866 ± 0.049**
german	**0.694 ± 0.037**	0.579 ± 0.016	0.563 ± 0.017	0.619 ± 0.039
iris	**0.953 ± 0.026**	**0.973 ± 0.024**	**0.980 ± 0.016**	**0.960 ± 0.032**
wine	**0.961 ± 0.030**	0.670 ± 0.049	0.720 ± 0.067	0.864 ± 0.045
diabetes	**0.713 ± 0.023**	0.638 ± 0.030	0.601 ± 0.041	**0.674 ± 0.036**
yeast3	0.597 ± 0.041	**0.828 ± 0.024**	0.699 ± 0.026	**0.843 ± 0.036**
monkthree	**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
breastcan	**0.912 ± 0.036**	**0.929 ± 0.049**	**0.924 ± 0.050**	**0.865 ± 0.042**
wisconsin	**0.901 ± 0.038**	**0.881 ± 0.079**	**0.896 ± 0.052**	**0.834 ± 0.054**
ionosphere	0.695 ± 0.075	0.583 ± 0.100	**0.865 ± 0.064**	**0.687 ± 0.137**
soybean	**1.000 ± 0.000**	**0.969 ± 0.061**	**1.000 ± 0.000**	**0.969 ± 0.061**
sonar	**0.300 ± 0.453**	**0.051 ± 0.235**	**0.115 ± 0.333**	**0.307 ± 0.202**
digit	**1.000 ± 0.000**	0.990 ± 0.002	0.948 ± 0.004	**1.000 ± 0.000**
balance	**0.505 ± 0.271**	**0.532 ± 0.064**	**0.641 ± 0.175**	0.394 ± 0.129
monkone	0.273 ± 0.198	0.621 ± 0.202	0.625 ± 0.129	**1.000 ± 0.000**
heart	**0.676 ± 0.050**	0.347 ± 0.086	0.341 ± 0.079	**0.505 ± 0.115**
australian	**0.558 ± 0.031**	0.361 ± 0.075	0.329 ± 0.076	**0.595 ± 0.069**
spambase	**0.580 ± 0.128**	0.618 ± 0.078	**0.643 ± 0.072**	**0.774 ± 0.096**
liver	0.144 ± 0.109	**0.294 ± 0.091**	**0.330 ± 0.108**	**0.234 ± 0.064**
waveform	0.715 ± 0.012	0.729 ± 0.027	**0.797 ± 0.017**	0.618 ± 0.015
hayes	0.538 ± 0.079	0.247 ± 0.124	**0.709 ± 0.088**	**0.747 ± 0.089**
german	**0.375 ± 0.079**	0.174 ± 0.038	0.158 ± 0.040	0.237 ± 0.081
iris	**0.930 ± 0.039**	**0.960 ± 0.037**	**0.970 ± 0.024**	**0.940 ± 0.048**
wine	**0.933 ± 0.054**	0.521 ± 0.069	0.580 ± 0.103	0.787 ± 0.061
diabetes	**0.437 ± 0.044**	0.289 ± 0.063	0.225 ± 0.088	**0.354 ± 0.082**
yeast3	0.053 ± 0.024	**0.709 ± 0.055**	0.523 ± 0.051	**0.683 ± 0.098**
monkthree	**0.827 ± 0.096**	**0.939 ± 0.024**	**0.928 ± 0.039**	**0.906 ± 0.017**

Table 4: Results for CKS metric

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

Table 5: Results for F1 metric