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Srp140430

Report

Dataset 1:

S=Sample

Method	Accuracy										
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Average of 10 samples
Decision Tree	99	100	100	100	100	100	100	100	100	100	100
SVM	100	99	98	100	100	99	98	100	100	98	99
Naïve Bayesian	100	98	99	100	100	100	100	99	99	100	99
kNN	82	86	85	83	87	83	81	78	83	82	85
Logistic Regression	100	100	100	100	100	100	100	100	100	100	100
Neural Network	99.5	93.5	99	99.5	99	99	99.5	99	97.5	99	98.45
Bagging	57	58	56	59	52	60	51	55	56	56	56
Random Forest	99.5	100	100	100	99.5	99.5	100	100	100	100	99.8
Boosting	100	100	100	99.5	100	100	100	99.5	100	100	99.9

Dataset 2:

Method	Accuracy										
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Average of 10 samples

Dataset 4:

Method	Accuracy										
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	Average of 10 samples
Decision Tree	100	100	100	100	100	100	100	100	100	100	100
SVM	100	100	100	100	100	100	100	100	100	100	100
Naïve Bayesian	98.24	98.2	96.5	98.2	100	94.7	98.2	100	100	96.4	98.04
kNN	82.45	75.4	77.2	71.9	80.7	80.7	77.2	77.2	71.9	82.5	77.7
Logistic Regression	100	100	100	100	100	100	100	100	100	100	100
Neural Network	64.9	56.1	71.9	59.6	59.6	66.6	64.9	56.1	63.1	59.65	68.7
Bagging	49	48	50	52	53	47	47	49	50	51	49.6
Random Forest	98.2	91.2	89.4	94.7	96.4	98.2	94.7	96.5	94.7	96.5	95.05
Boosting	100	99	100	99	100	100	99	100	100	100	99.7

Dataset 5:

[illegible]

[illegible]