PS10 Zago

Rafael Zago

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1 F1 Score and G-Measure

	Tree	Logit	Neural Network	KNN	SVM	Naive Bayes
$f1$	1.0000000	1.0000000	1.0000000	0.9991913	0.9999242	0.9913029
$gmean$	1.0000000	1.0000000	1.0000000	0.9976650	0.9997600	0.9913405

2 Parameters

2.1 Tree Model

Parameters	Values
minsplit	16
minbucket	37
cp	0.193

2.2 Logit Model

Parameters	Values
λ	0.0263
α	0.786

2.3　Neural Network

Parameters	Values
size	9
decay	0.357
maxit	1000

2.4　KNN

Parameters	Values
k	12

2.5　SVM

Parameters	Values
kernel	radial
cost	1
γ	0.25