



Weka Explorer

Preprocess

Classify

Cluster

Associate

Select attributes

Visualize

Classifier

ChooseLogistic -R 1.0E-8 -M -1 -num-decimal-places 4

Test options

Use training set

Supplied test set

Cross-validation

Percentage split

Set...

Folds10

%66

More options...

(Nom) class

Start

Stop

Result list (right-click for options)

09:52:02 - functions.SMO

10:03:02 - functions.Logistic

Classifier output

Odds Ratios...

Variable	Iris-setosa	Iris-versicolor
sepal.length	2954196659.8836	11.7653
sepal.width	96.0426	797.0304
petal.length	0	0.0001
petal.width	0	0

Time taken to build model: 0.09 seconds

=== Stratified cross-validation ===
=== Summary ===

Correctly Classified Instances	144	96	%
Incorrectly Classified Instances	6	4	%
Kappa statistic	0.94		
Mean absolute error	0.0287		
Root mean squared error	0.1424		
Relative absolute error	6.456 %		
Root relative squared error	30.2139 %		
Total Number of Instances	150		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	FRC Area	Class
	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	Iris-setosa
	0.920	0.020	0.958	0.920	0.939	0.910	0.972	0.934	Iris-versicolor
	0.960	0.040	0.923	0.960	0.941	0.911	0.972	0.934	Iris-virginica
Weighted Avg.	0.960	0.020	0.960	0.960	0.960	0.940	0.981	0.956	

=== Confusion Matrix ===

a	b	c	<-- classified as
50	0	0	a = Iris-setosa
0	46	4	b = Iris-versicolor
0	2	48	c = Iris-virginica

Status

OK

Log

x0