

Program Visualization

Weka Explorer

PreprocessClassifyClusterAssociateSelect attributesVisualize

Classifier

ChooseJ48 -C 0.25 -M 2

Test options

☐ Use training set

☐ Supplied test set

☐ Cross-validation

☒ Percentage split

Folds10

%80

More options...

(Nom) Second letter vowels

Start

Stop

Result list (right-click for options)

22:20:40 - trees.J48

Classifier output

Size of the tree : 3

Time taken to build model: 0.02 seconds

=== Evaluation on test split ===

Time taken to test model on test split: 0 seconds

=== Summary ===

Correctly Classified Instances	20	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0		
Root mean squared error	0		
Relative absolute error	0	%	
Root relative squared error	0	%	
Total Number of Instances	20		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	no
1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	yes
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

=== Confusion Matrix ===

a b <-- classified as

10 0 | a = no

0 10 | b = yes

Weka, a native bird of New Zealand

Waikato Environment for Knowledge Discovery  
Version 3.9.6  
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The University of Waikato  
Hamilton, New Zealand

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%80

More options...

(Nom) Second letter vowels

Start

Stop

Result list (right-click for options)

22:20:40 - trees.J48

22:23:17 - trees.DecisionStump

Classifier output

0.5 0.5

Time taken to build model: 0 seconds

=== Evaluation on test split ===

Time taken to test model on test split: 0 seconds

=== Summary ===

Correctly Classified Instances	20	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0		
Root mean squared error	0		
Relative absolute error	0	%	
Root relative squared error	0	%	
Total Number of Instances	20		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	no
1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	yes
Weighted Avg.	1.000	0.000	1.000	1.000	1.000	1.000	1.000	1.000	

=== Confusion Matrix ===

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10 0 | a = no

0 10 | b = yes

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Set...

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Folds10

☒ Percentage split

%80

More options...

(Nom) Contains 0

Start

Stop

Result list (right-click for options)

00:38:54 - trees.J48

00:39:34 - trees.J48

Classifier output

Size of the tree : 1

Time taken to build model: 0 seconds

=== Evaluation on test split ===

Time taken to test model on test split: 0 seconds

=== Summary ===

Correctly Classified Instances	20	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0.05		
Root mean squared error	0.05		
Relative absolute error	82	%	
Root relative squared error	82	%	
Total Number of Instances	20		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	?	1.000	1.000	1.000	?	?	1.000	no
	?	0.000	?	?	?	?	?	?	yes
Weighted Avg.	1.000	?	1.000	1.000	1.000	?	?	1.000	

=== Confusion Matrix ===

a b <-- classified as

20 0 | a = no

0 0 | b = yes

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Explorer

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Classifier

ChooseDecisionStump

Test options

☐ Use training set

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Set...

☐ Cross-validation

Folds10

☒ Percentage split

%80

More options...

(Nom) Contains 0

Start

Stop

Result list (right-click for options)

00:38:54 - trees.J48

00:39:34 - trees.J48

00:40:20 - trees.DecisionStump

Classifier output

U.96 U.04

Time taken to build model: 0.02 seconds

=== Evaluation on test split ===

Time taken to test model on test split: 0 seconds

=== Summary ===

Correctly Classified Instances	20	100	%
Incorrectly Classified Instances	0	0	%
Kappa statistic	1		
Mean absolute error	0.038		
Root mean squared error	0.038		
Relative absolute error	62.2785	%	
Root relative squared error	62.2785	%	
Total Number of Instances	20		

=== Detailed Accuracy By Class ===

	TP Rate	FP Rate	Precision	Recall	F-Measure	MCC	ROC Area	PRC Area	Class
	1.000	?	1.000	1.000	1.000	?	?	1.000	no
	?	0.000	?	?	?	?	?	?	yes
Weighted Avg.	1.000	?	1.000	1.000	1.000	?	?	1.000	

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