RandomTree

==========

petallength < 2.45 : Iris-setosa (50/0)

petallength >= 2.45

| petalwidth < 1.75

| | petallength < 4.95

| | | petalwidth < 1.65 : Iris-versicolor (47/0)

| | | petalwidth >= 1.65 : Iris-virginica (1/0)

| | petallength >= 4.95

| | | petalwidth < 1.55 : Iris-virginica (3/0)

| | | petalwidth >= 1.55

| | | | sepallength < 6.95 : Iris-versicolor (2/0)

| | | | sepallength >= 6.95 : Iris-virginica (1/0)

| petalwidth >= 1.75

| | petallength < 4.85

| | | sepallength < 5.95 : Iris-versicolor (1/0)

| | | sepallength >= 5.95 : Iris-virginica (2/0)

| | petallength >= 4.85 : Iris-virginica (43/0)

Size of the tree : 17

Time taken to build model: 0.01 seconds

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 138 92 %

Incorrectly Classified Instances 12 8 %

Kappa statistic 0.88

Mean absolute error 0.0533

Root mean squared error 0.2309

Relative absolute error 12 %

Root relative squared error 48.9898 %

Total Number of Instances 150

=== 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 Iris-setosa

0,860 0,050 0,896 0,860 0,878 0,819 0,905 0,817 Iris-versicolor

0,900 0,070 0,865 0,900 0,882 0,822 0,915 0,812 Iris-virginica

Weighted Avg. 0,920 0,040 0,920 0,920 0,920 0,880 0,940 0,876

=== Confusion Matrix ===

a b c <-- classified as

50 0 0 | a = Iris-setosa

0 43 7 | b = Iris-versicolor

0 5 45 | c = Iris-virginica