credit\_rating

fair 2.0 7.0 2.0

excellent 3.0 4.0 2.0

[total] 5.0 11.0 4.0

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 2 50 %

Incorrectly Classified Instances 2 50 %

Kappa statistic 0

Mean absolute error 0.2569

Root mean squared error 0.4598

Relative absolute error 64.6462 %

Root relative squared error 98.9366 %

Total Number of Instances 4

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 ? 0.000 ? ? 1.000 1.000 no

1.000 1.000 0.500 1.000 0.667 ? 0.750 0.833 yes

0.000 0.000 ? 0.000 ? ? 0.333 0.333 nc

Weighted Avg. 0.500 0.500 ? 0.500 ? ? 0.708 0.750

=== Confusion Matrix ===

a b c <-- classified as

0 1 0 | a = no

0 2 0 | b = yes

0 1 0 | c = nc

=== Run information ===

Scheme: weka.classifiers.trees.J48 -C 0.25 -M 2

Relation: d3q3

Instances: 14

Attributes: 6

RID

age

income

student

credit\_rating

Class: buys\_computer

Test mode: split 70.0% train, remainder test

=== Classifier model (full training set) ===

J48 pruned tree

------------------

student = no

| RID <= 2: no (2.0)

| RID > 2: yes (4.0/1.0)

student = yes: yes (7.0/1.0)

student = nc: nc (1.0)

Number of Leaves : 4

Size of the tree : 6

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 2 50 %

Incorrectly Classified Instances 2 50 %

Kappa statistic 0

Mean absolute error 0.3889

Root mean squared error 0.5932

Relative absolute error 97.8495 %

Root relative squared error 127.6371 %

Total Number of Instances 4

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 ? 0.000 ? ? 0.500 0.250 no

1.000 1.000 0.500 1.000 0.667 ? 0.250 0.417 yes

0.000 0.000 ? 0.000 ? ? 0.333 0.250 nc

Weighted Avg. 0.500 0.500 ? 0.500 ? ? 0.333 0.333

=== Confusion Matrix ===

a b c <-- classified as

0 1 0 | a = no

0 2 0 | b = yes

0 1 0 | c = no

credit\_rating

fair 2.0 7.0 2.0

excellent 3.0 4.0 2.0

[total] 5.0 11.0 4.0

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 2 50 %

Incorrectly Classified Instances 2 50 %

Kappa statistic 0

Mean absolute error 0.2569

Root mean squared error 0.4598

Relative absolute error 64.6462 %

Root relative squared error 98.9366 %

Total Number of Instances 4

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 ? 0.000 ? ? 1.000 1.000 no

1.000 1.000 0.500 1.000 0.667 ? 0.750 0.833 yes

0.000 0.000 ? 0.000 ? ? 0.333 0.333 nc

Weighted Avg. 0.500 0.500 ? 0.500 ? ? 0.708 0.750

=== Confusion Matrix ===

a b c <-- classified as

0 1 0 | a = no

0 2 0 | b = yes

0 1 0 | c = nc

=== Run information ===

Scheme: weka.classifiers.trees.J48 -C 0.25 -M 2

Relation: d3q3

Instances: 14

Attributes: 6

RID

age

income

student

credit\_rating

Class: buys\_computer

Test mode: split 70.0% train, remainder test

=== Classifier model (full training set) ===

J48 pruned tree

------------------

student = no

| RID <= 2: no (2.0)

| RID > 2: yes (4.0/1.0)

student = yes: yes (7.0/1.0)

student = nc: nc (1.0)

Number of Leaves : 4

Size of the tree : 6

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 2 50 %

Incorrectly Classified Instances 2 50 %

Kappa statistic 0

Mean absolute error 0.3889

Root mean squared error 0.5932

Relative absolute error 97.8495 %

Root relative squared error 127.6371 %

Total Number of Instances 4

=== Detailed Accuracy By Class ===

TP Rate FP Rate Precision Recall F-Measure MCC ROC Area PRC Area Class

0.000 0.000 ? 0.000 ? ? 0.500 0.250 no

1.000 1.000 0.500 1.000 0.667 ? 0.250 0.417 yes

0.000 0.000 ? 0.000 ? ? 0.333 0.250 nc

Weighted Avg. 0.500 0.500 ? 0.500 ? ? 0.333 0.333

=== Confusion Matrix ===

a b c <-- classified as

0 1 0 | a = no

0 2 0 | b = yes

0 1 0 | c = no

