

J48 -

```
Time taken to build model: 0.01 seconds

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

Correctly Classified Instances      208           77.037 %
Incorrectly Classified Instances    62           22.963 %
Kappa statistic                    0.5303
Mean absolute error                 0.2642
Root mean squared error             0.4418
Relative absolute error             53.5026 %
Root relative squared error         88.9161 %
Total Number of Instances          270

=== Detailed Accuracy By Class ===

                TP Rate  FP Rate  Precision  Recall   F-Measure  MCC      ROC Area  PRC Area  Class
                -----  -----  -
                0,692    0,167    0,769      0,692    0,728      0,533    0,763     0,705     yes
                0,833    0,308    0,772      0,833    0,801      0,533    0,763     0,733     no
Weighted Avg.   0,770    0,245    0,770      0,770    0,769      0,533    0,763     0,721

=== Confusion Matrix ===

  a  b  <-- classified as
83 37 |  a = yes
25 125 | b = no
```

Random Forest -

```
Time taken to build model: 0.12 seconds

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

Correctly Classified Instances      220           81.4815 %
Incorrectly Classified Instances    50           18.5185 %
Kappa statistic                    0.6237
Mean absolute error                 0.2725
Root mean squared error             0.3641
Relative absolute error             55.1794 %
Root relative squared error         73.2647 %
Total Number of Instances          270

=== Detailed Accuracy By Class ===

                TP Rate  FP Rate  Precision  Recall   F-Measure  MCC      ROC Area  PRC Area  Class
                -----  -----  -
                0,775    0,153    0,802      0,775    0,788      0,624    0,890     0,878     yes
                0,847    0,225    0,825      0,847    0,836      0,624    0,890     0,900     no
Weighted Avg.   0,815    0,193    0,814      0,815    0,814      0,624    0,890     0,890

=== Confusion Matrix ===

  a  b  <-- classified as
93 27 |  a = yes
23 127 | b = no
```