

Dataset

https://raw.githubusercontent.com/urwithajit9/ClaMP/master/dataset/ClaMP_Integrated-5184.arff

Hoeffding Tree

```
Time taken to build model: 0.43 seconds

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

Correctly Classified Instances      4255      81.6699 %
Incorrectly Classified Instances    955      18.3301 %
Kappa statistic                    0.6276
Mean absolute error                 0.2487
Root mean squared error             0.3626
Relative absolute error             49.8411 %
Root relative squared error         72.5837 %
Total Number of Instances          5210

=== Detailed Accuracy By Class ===

          TP Rate  FP Rate  Precision  Recall  F-Measure  MCC      ROC Area  PRC Area  Class
          0.652    0.032    0.949     0.652   0.772     0.659    0.861     0.851     0
          0.968    0.348    0.752     0.968   0.847     0.659    0.861     0.844     1
Weighted Avg.   0.817    0.198    0.846     0.817   0.811     0.659    0.861     0.848

=== Confusion Matrix ===

  a    b  <-- classified as
1621  867 |   a = 0
  88 2634 |   b = 1
```

Decision Stump

```
Time taken to build model: 0.17 seconds

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

Correctly Classified Instances      4075      78.215 %
Incorrectly Classified Instances    1135      21.785 %
Kappa statistic                    0.5554
Mean absolute error                 0.3145
Root mean squared error             0.3966
Relative absolute error             63.0312 %
Root relative squared error         79.4001 %
Total Number of Instances          5210

=== Detailed Accuracy By Class ===

          TP Rate  FP Rate  Precision  Recall  F-Measure  MCC      ROC Area  PRC Area  Class
          0.563    0.018    0.967     0.563   0.712     0.608    0.764     0.796     0
          0.982    0.437    0.711     0.982   0.825     0.608    0.764     0.698     1
Weighted Avg.   0.782    0.237    0.833     0.782   0.771     0.608    0.764     0.745

=== Confusion Matrix ===

  a    b  <-- classified as
1401 1087 |   a = 0
  48 2674 |   b = 1
```