**Ponctuation naivBayes**

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 1732 86.6 %

Incorrectly Classified Instances 268 13.4 %

Kappa statistic 0.732

Mean absolute error 0.1393

Root mean squared error 0.3448

Relative absolute error 27.8643 %

Root relative squared error 68.9559 %

Total Number of Instances 2000

=== Detailed Accuracy By Class ===

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

0.827 0.095 0.897 0.827 0.861 0.941 -1

0.905 0.173 0.84 0.905 0.871 0.941 1

Weighted Avg. 0.866 0.134 0.868 0.866 0.866 0.941

=== Confusion Matrix ===

a b <-- classified as

827 173 | a = -1

95 905 | b = 1

**Ponctuation J48**

=== Stratified cross-validation ===

=== Summary ===

Correctly Classified Instances 1497 74.85 %

Incorrectly Classified Instances 503 25.15 %

Kappa statistic 0.497

Mean absolute error 0.2598

Root mean squared error 0.4867

Relative absolute error 51.9571 %

Root relative squared error 97.3428 %

Total Number of Instances 2000

=== Detailed Accuracy By Class ===

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

0.765 0.268 0.741 0.765 0.753 0.742 -1

0.732 0.235 0.757 0.732 0.744 0.742 1

Weighted Avg. 0.749 0.252 0.749 0.749 0.748 0.742

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**Brut naivBayes**

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