Pattern Recognition and Neural Networks
`Writer Identification System`

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***Abstract*—**

Classifier	100 test samples	1000 test samples
Support Vector Machine	100%	99.7%
K-Nearest Neighbors	99%	99.4%
Random Forest	99%	99.6%
Logistic Regression	100%	99.5%
Naive Bayes	100%	98.9%

TABLE I: Comparison between accuracies of different classifiers using LBP feature and different sample size.

REFERENCES

[1] Writer identification using texture features: A comparative study.
[2] Text independent writer recognition using redundant writing patterns with contour-based orientation and curvature features.
[3] An improved online writer identification framework using codebook descriptors.