Machine Learning Project

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Abstract

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1 Part 1

The goal of the project for part 1 is to classify subject behavior baed on raw voxel activation values. The final approach developed to achieve this goal includes an SVM classifier, custom feature extraction, and a voting method. The resulting accuracy was 60.47% on the holdout data set.

1.1 SVM Classifier

Abhishek

1.2 Custom Feature Extraction

The custom feature extraction....

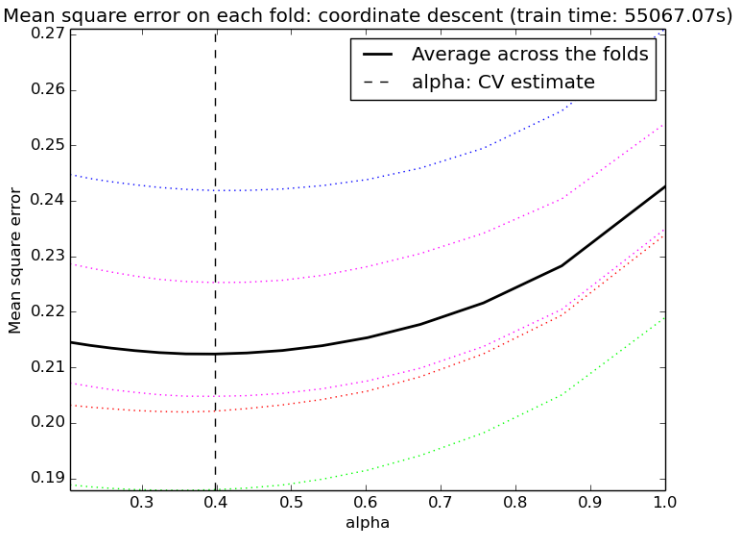

Figure 1: Sample figure caption.

Table 1: Sample table title

HEADING C1	HEADING C2
r1c1	r1c2
r2c1	r2c2
etc	etc

1.3 Voting Method

2 Part 2

2.1 Ridge and Lasso Classifiers

2.2 MultiTaskLasso Cross Validation

2.3 Euclidean Clustering

3 Part 3

3.1 Hypothesis

3.2 Experiment

3.3 Results

References

[1] Scikit-learn: Machine Learning in Python, Pedregosa et al., JMLR 12, pp. 2825-2830, 2011.