EE219 Project2 Report

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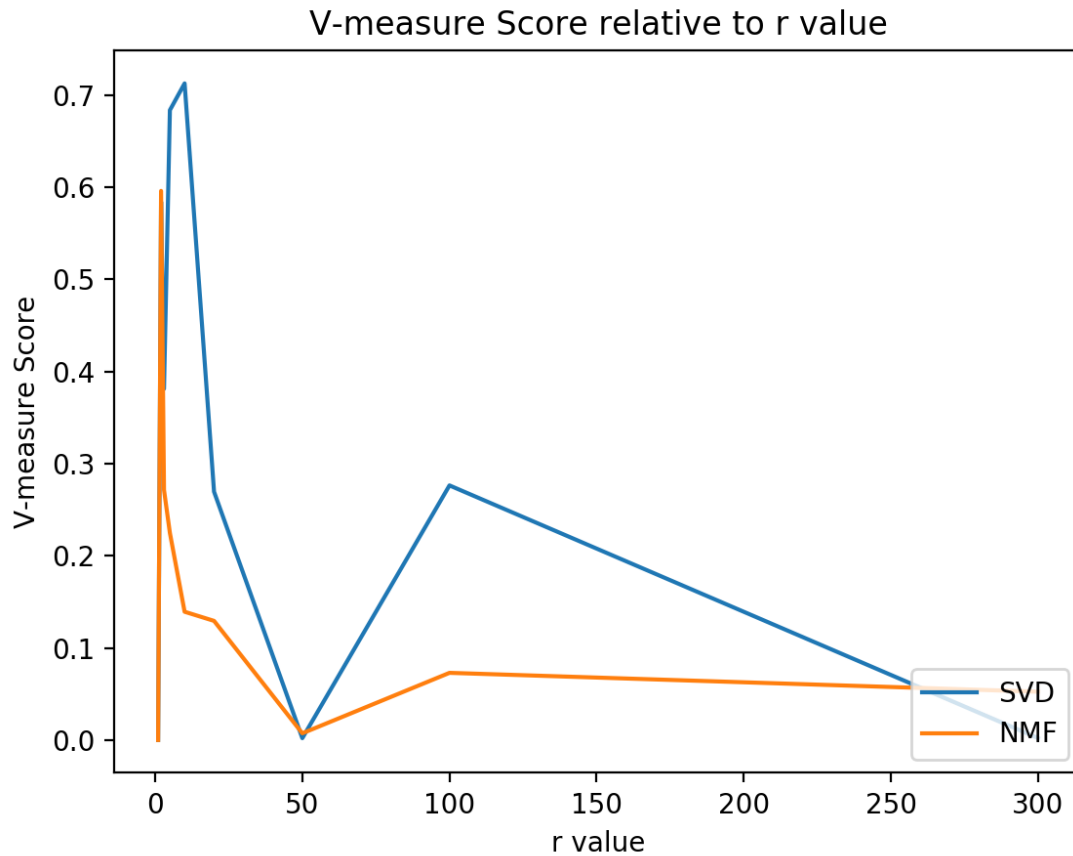
Figure 1: Visualization.

Introduction

Clustering alogrithms are unsupervised mehtods finding groups of data point that have similar representations in a proper space. Clustering differs from classification in that no a priori labeling (grouping) of the data points is available. As such, K-means clustering interatively groups data points into regions characterized by a set of cluster centroids. Each data points into regions characterized by a set of cluster centroids. Each data point is then assigned to the cluster with the nearest cluster centroid. The goal is to find proper representations of the data and evaluate the performmance of clustering algorithms.

Figure 1 shows a boat.

Dataset Description