Application of Machine Learning on Fundamental Stock Price Analysis

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Abstract:

Keywords: stock price, fundamental analysis, machine learning, R

```
library(knitr)
```

Introduction

Methodology

##Data Preprocessing
    ##Missing Values
    ##Outliers
    ##Data Curation
    ##Modeling
    ##Deployment

Results

Data Exploration

Principle Component Analysis

K Means Clustering

```
include_graphics('cluster_image.png')
```

Modeling

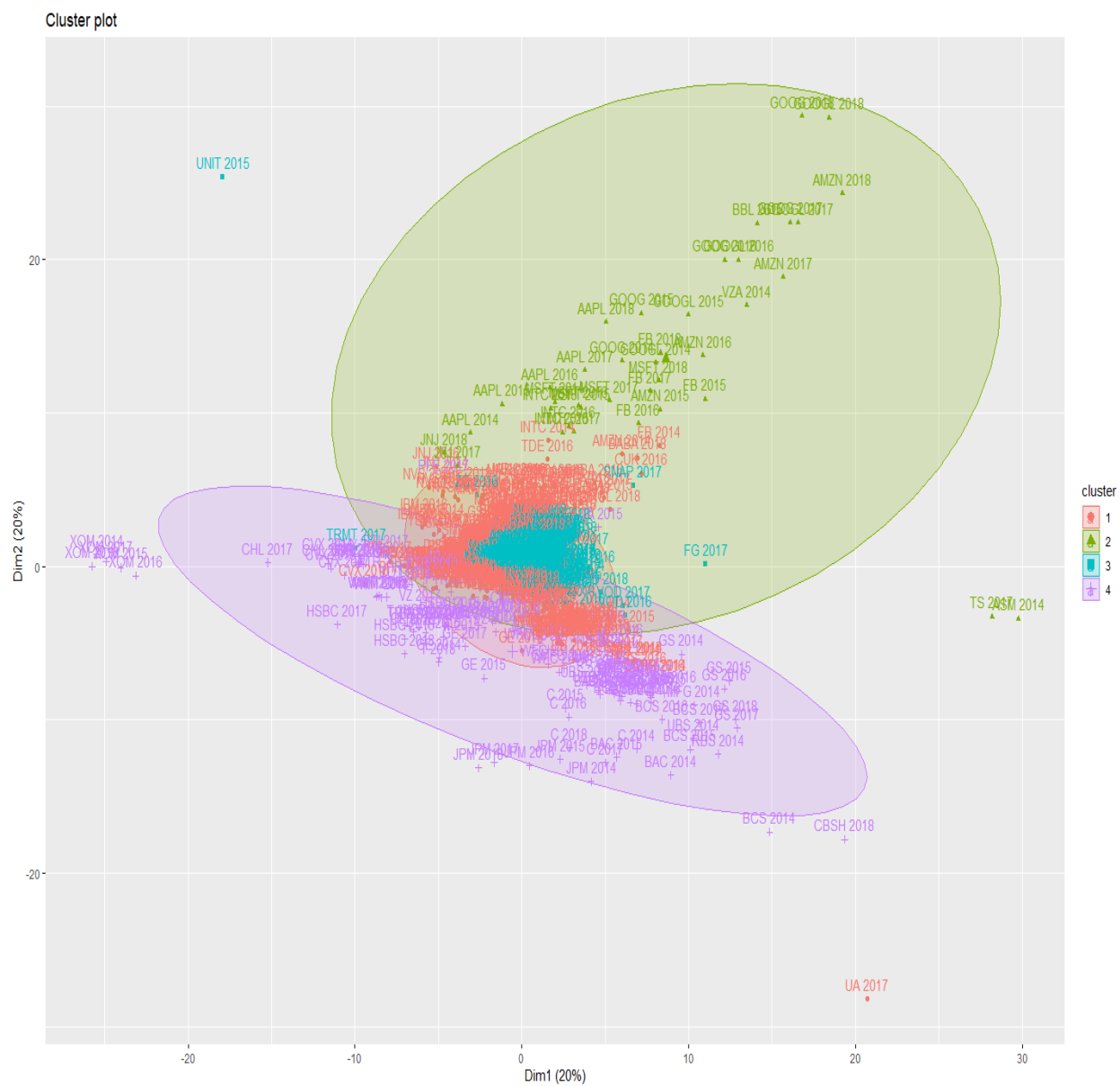###Random Forest ###XGBoost ###Lasso Regression ###GBM ###Model Selection

Figure 1: K means clustering, k = 4

Discussion