**KDD Cup 2014: Predicting Excitement at DonorChoose.org**

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1. Summary

Our final model is an ensemble of two models: Gradient boosted decision trees using extra trees for feature selection and a linear SVM trained with stochastic gradient descent. We then used a weighted average of the predictions in order to combine the two models. The model make use of several extra features we extract in a preprocessing stage.

1. Feature Engineering

We used a combination of the categorical features of projects.csv and historical donation features derived from donations.csv for our first model, and the project essays from essays.csv for our second model.

1. Models
2. Running the Code

1. Additional Comments
2. References