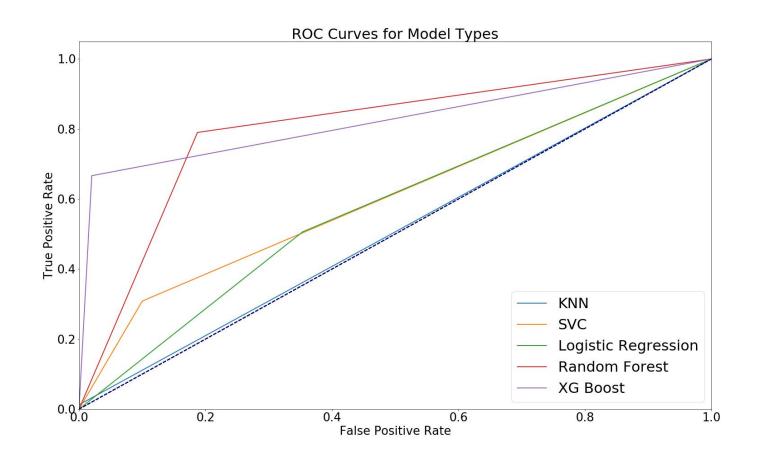
# Predicting Bankruptcy

By: Eric Patterson

## Methodology

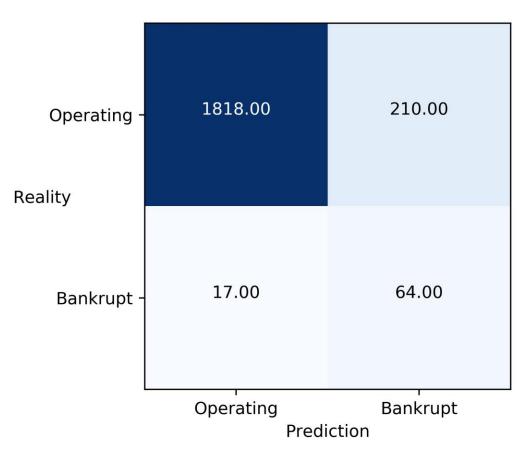
- Unbalanced classes:
  - Synthetic oversampling of bankrupt companies
- Data from Polish manufacturing sector
- Features are financial ratios

#### Model Selection



#### Results





## Moving Forward

- Generalize the model internationally
- Use the same process to build model for other business sectors

### Appendix

- Data from UCI data respository:
   https://archive.ics.uci.edu/ml/datasets/Polish+companies+bankruptc
   y+data
- Original paper on this dataset from Zieba, M., Tomczak, S. K., & Tomczak, J. M.
   (2016). <a href="https://www.ii.pwr.edu.pl/~tomczak/PDF/[MZSTJT].pdf">https://www.ii.pwr.edu.pl/~tomczak/PDF/[MZSTJT].pdf</a>