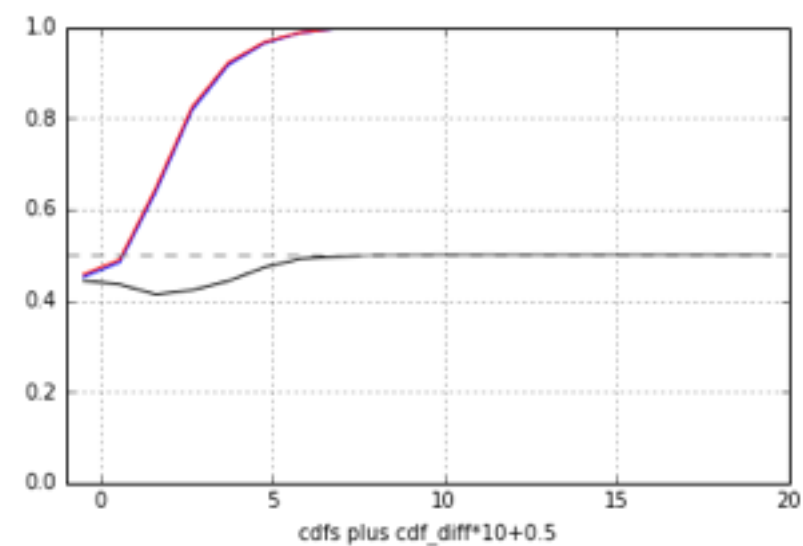
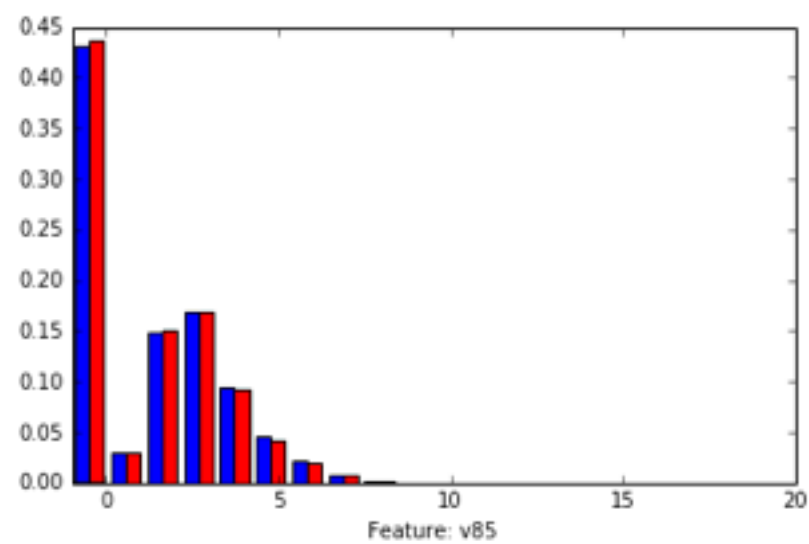
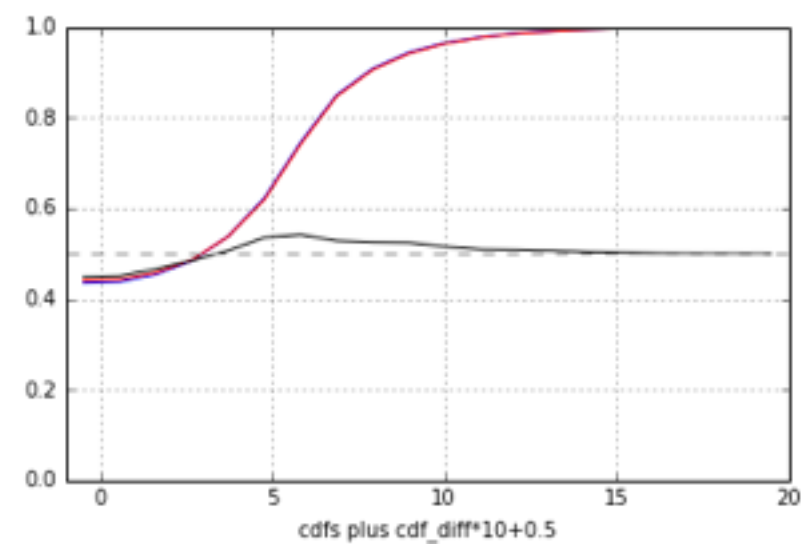
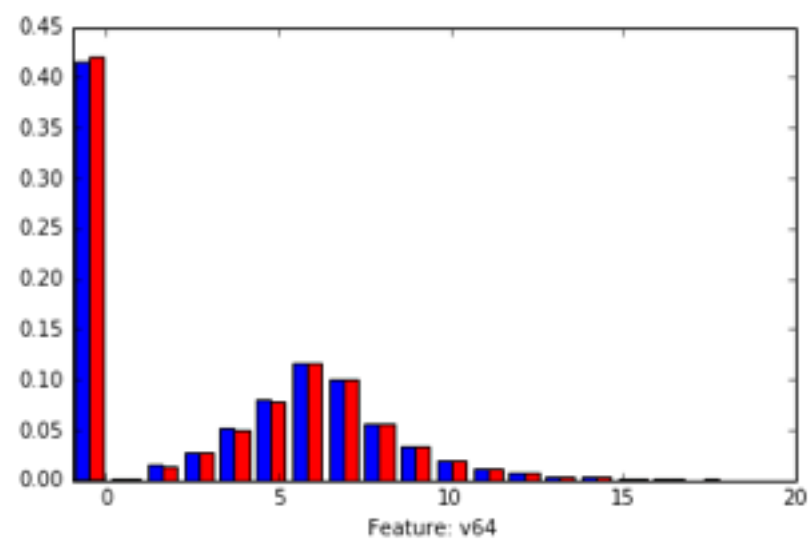
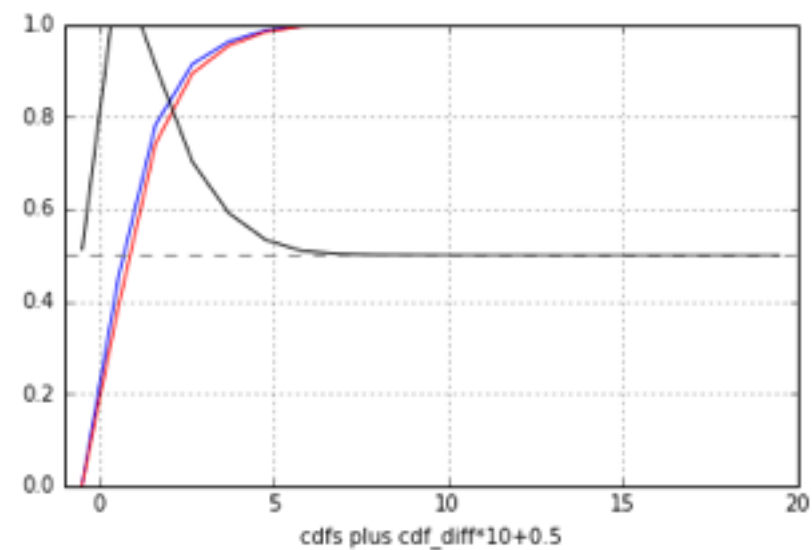
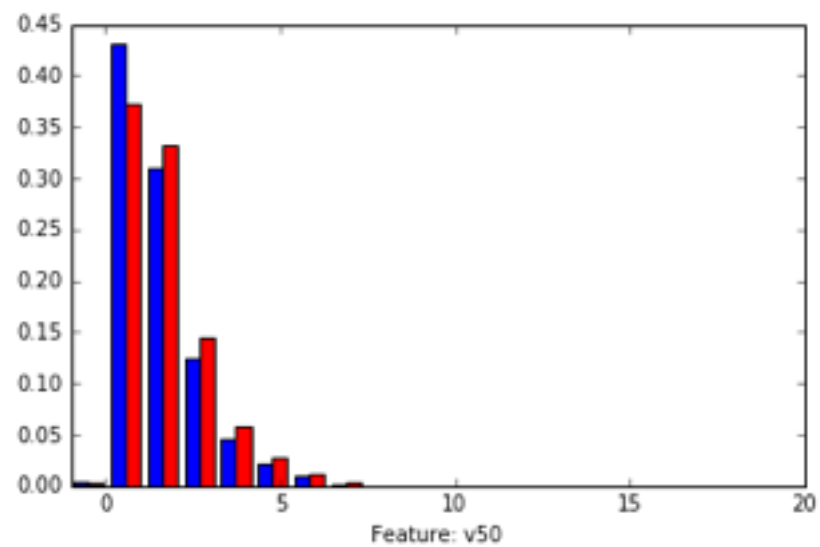


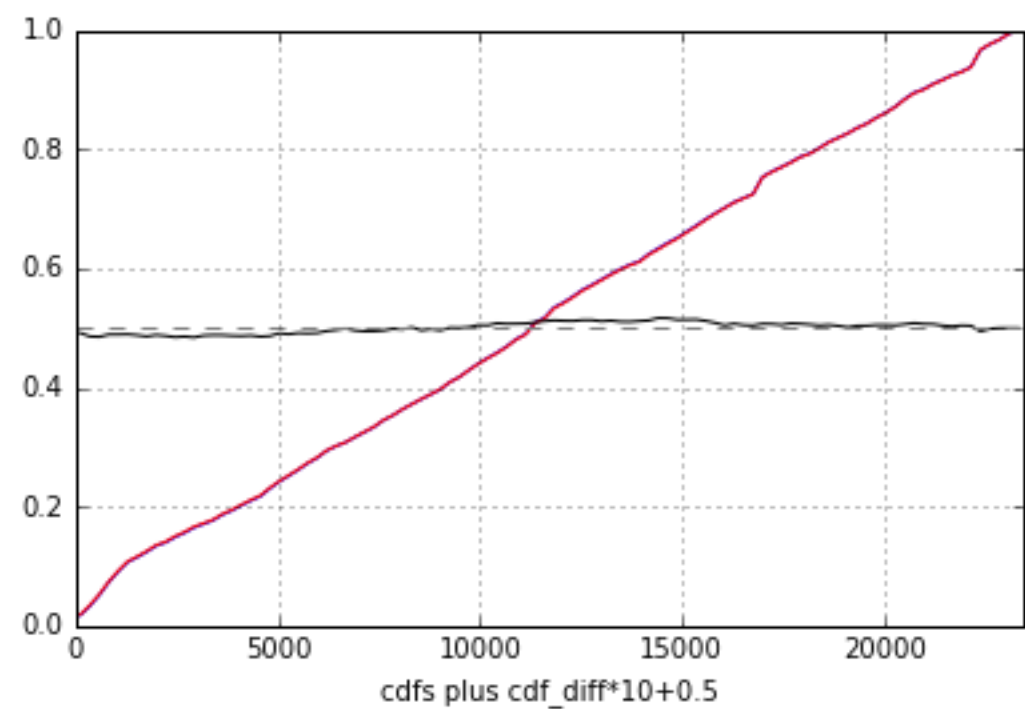
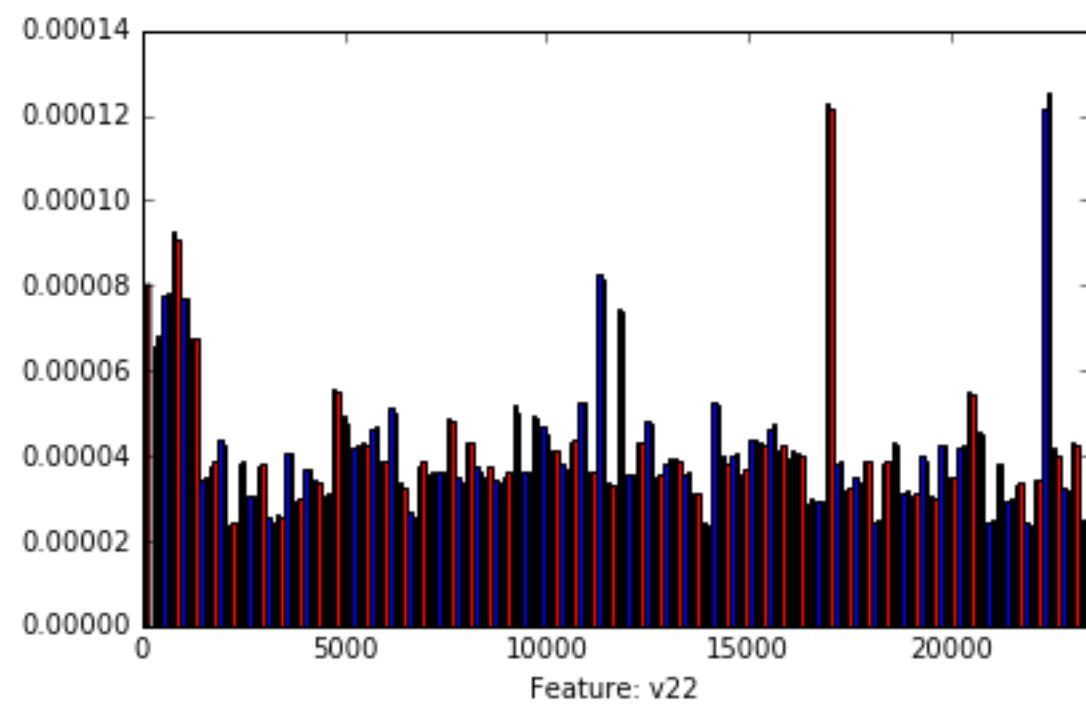
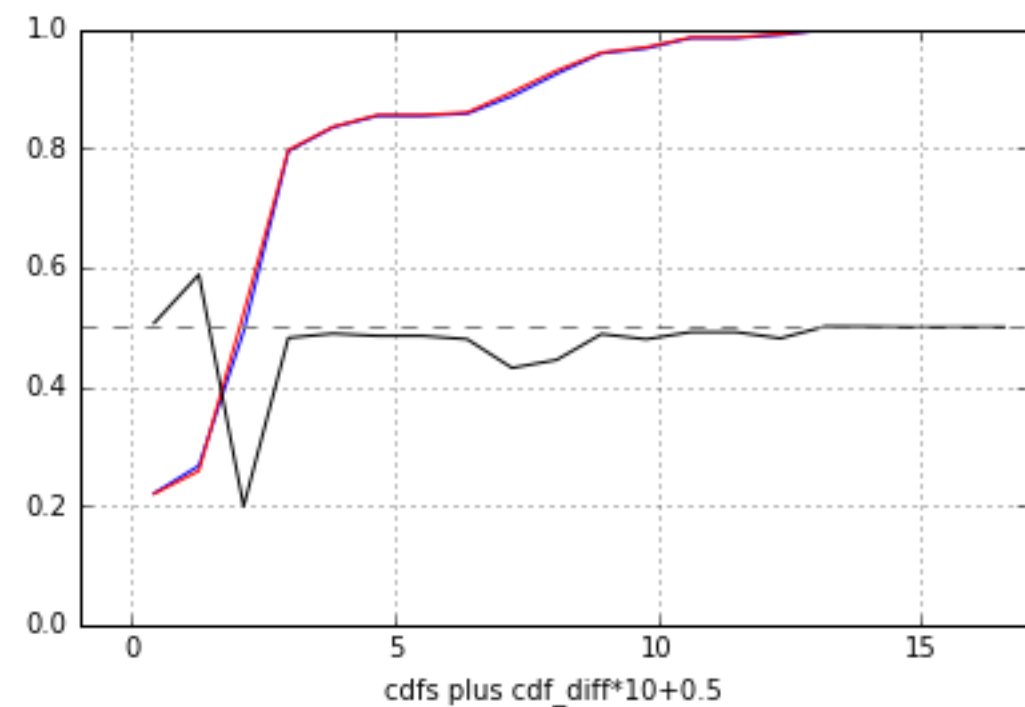
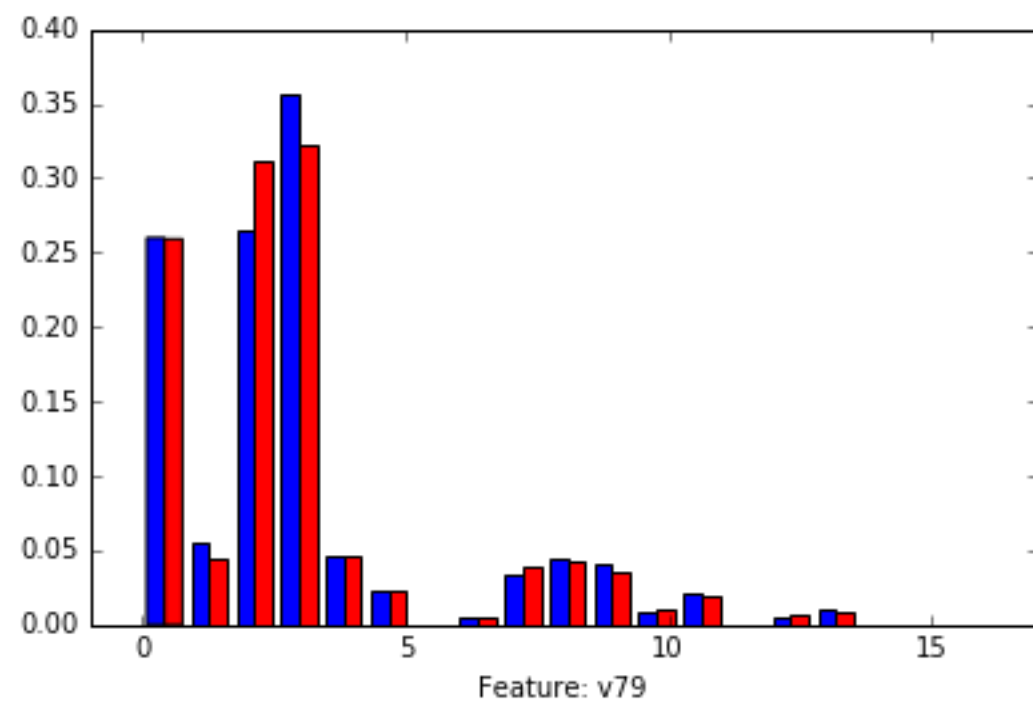
BNP Cardif claims management

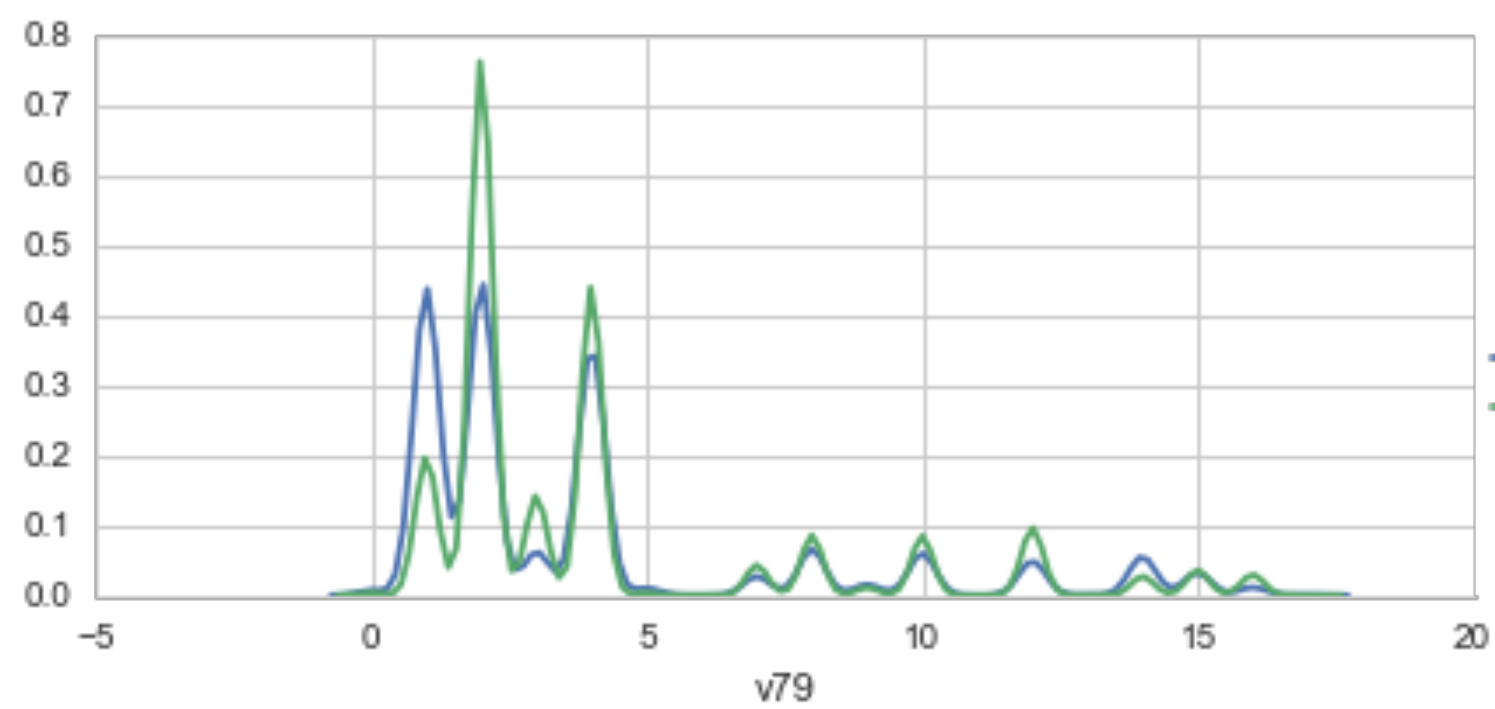
- 1 Fast. Claims for which approval could be accelerated leading to faster payments
- 2 Audit. Claims for which additional information is required before approval

2 class classification

$$\text{logloss} = -\frac{1}{N} \sum_{i=1}^N (y_i \log(p_i) + (1 - y_i) \log(1 - p_i))$$







Plan

- Feature engineering
 - %percentage
 - interactions
 - genetic programming
- LogReg + Ridge/Lasso/Elastic
- Text feature interpretation
- LibFM
 - <http://libfm.org>
- RGF
 - <http://stat.rutgers.edu/home/tzhang/software/rgf/>
- Neural Network
 - Keras / Lasagne / Caffe / Tensorflow
- SVM
- ET / RF / XGBoost hyperopt
- Stacking / Blending / Voting

Links

<http://opendatascience.ru>

<http://facebook.com/playittodeath>