Preprocessing Chemas

Minmax Scaler +

* Full dataset.
* Only features whose importance is greater than the median importance selected via a Random Forest.
* PCAwith 30Principal Components

Models

* FNN with 5 fc layers trained for 20 epochs with RELU activ dropout=0.2 and Batchnorm
* AdaBoost with maxdepth=3 ,200 estimators and 0.1 learning rate.
* XGboost with maxdepth=6 , 300 estimators and 0.2 learning rate.
* Logistic Regression with L1 ,C 0.01 and 1000 max iterations
* A Random Forest Classifier with 100 estimators of min\_samples\_split 2 and min samples leaf 1
* And a stacked model of these Adaboost,XGBoost,Random Forest and LR with Logistic Regression on top of the voting.