

Result of all models

CatBoost + TFIDF_SVD + additional features

Result:
Spearman Rho: 0.30079968081547415
MAE: 1.2831
RMSE: 2.9553

CatBoost + Pretrained Fasttext/Word2Vec + additional features

- fasttext

Result:
Spearman Rho: 0.30328462054686817
MAE: 1.2826
RMSE: 2.9518

- wordevec

Result:
Spearman Rho: 0.3074447472315817
MAE: 1.2808
RMSE: 2.9446

CatBoost + Pretrained Bert + additional features

Result:
Spearman Rho: 0.3239898349703373
MAE: 1.2740
RMSE: 2.9084

CatBoost + [Pretrained Bert + Pretrained Word2Vec + TFIDF_SVD] + additional features

Result:
Spearman Rho: 0.329800096980007
MAE: 1.2706
RMSE: 2.8954

LSTM + time/author embedding + fusing using fully connected NN

Result:
Spearman Rho: 0.3472849727362764
MAE: 1.2637
RMSE: 2.8523