

Pure TF-IDF Note

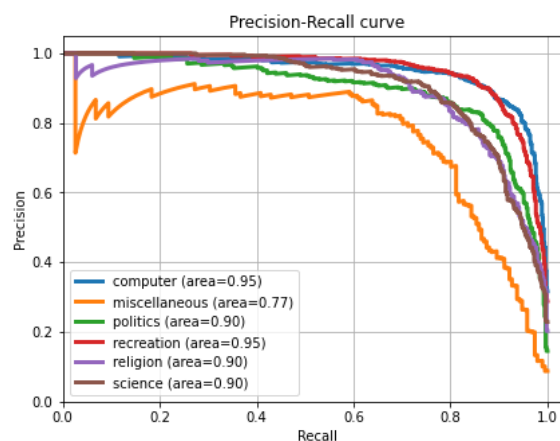
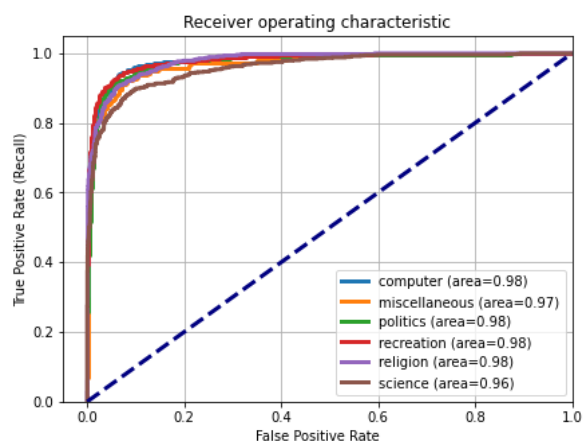
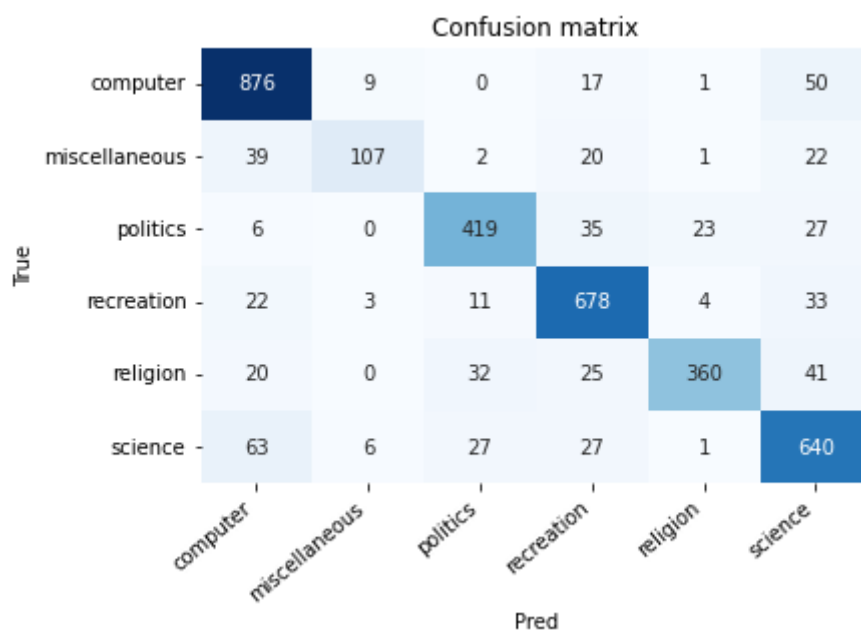
LR:

Accuracy: 0.84

Auc: 0.97

Detail:

	precision	recall	f1-score	support
computer	0.85	0.92	0.89	953
miscellaneous	0.86	0.56	0.68	191
politics	0.85	0.82	0.84	510
recreation	0.85	0.90	0.87	751
religion	0.92	0.75	0.83	478
science	0.79	0.84	0.81	764
accuracy			0.84	3647
macro avg	0.85	0.80	0.82	3647
weighted avg	0.85	0.84	0.84	3647



SVM:

Accuracy: 0.85

Auc: 0.98

Detail:

	precision	recall	f1-score	support
computer	0.87	0.91	0.89	953
miscellaneous	0.89	0.61	0.72	191
politics	0.86	0.84	0.85	510
recreation	0.87	0.90	0.89	751
religion	0.93	0.76	0.84	478
science	0.77	0.86	0.81	764
accuracy			0.85	3647
macro avg	0.87	0.81	0.83	3647
weighted avg	0.86	0.85	0.85	3647

