

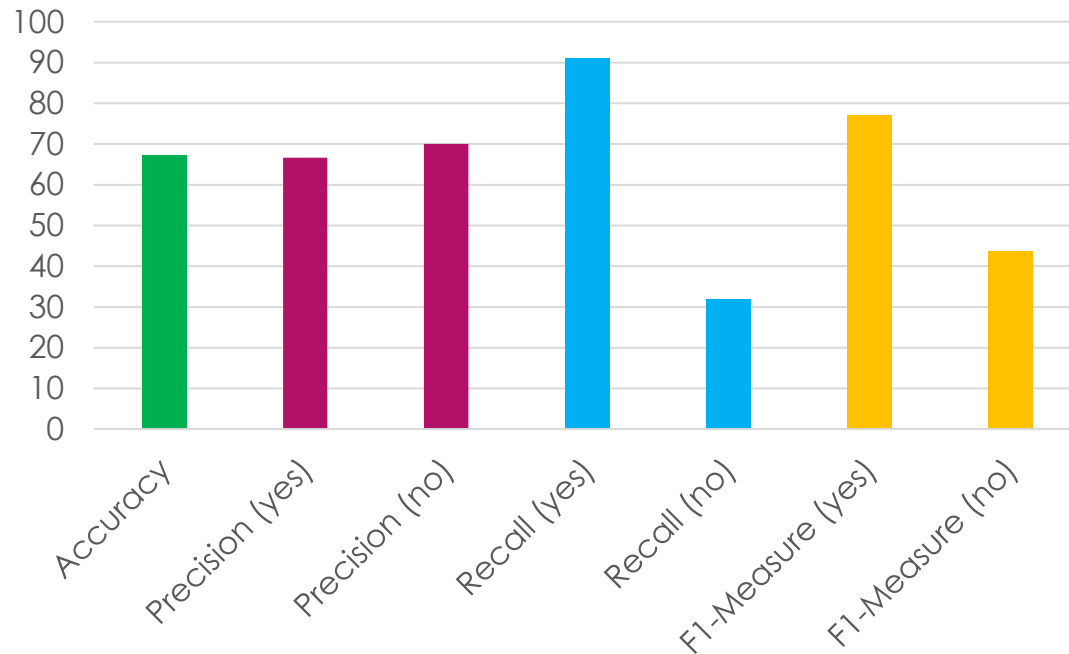
Assignment 3 analysis

Naïve Bayes performance

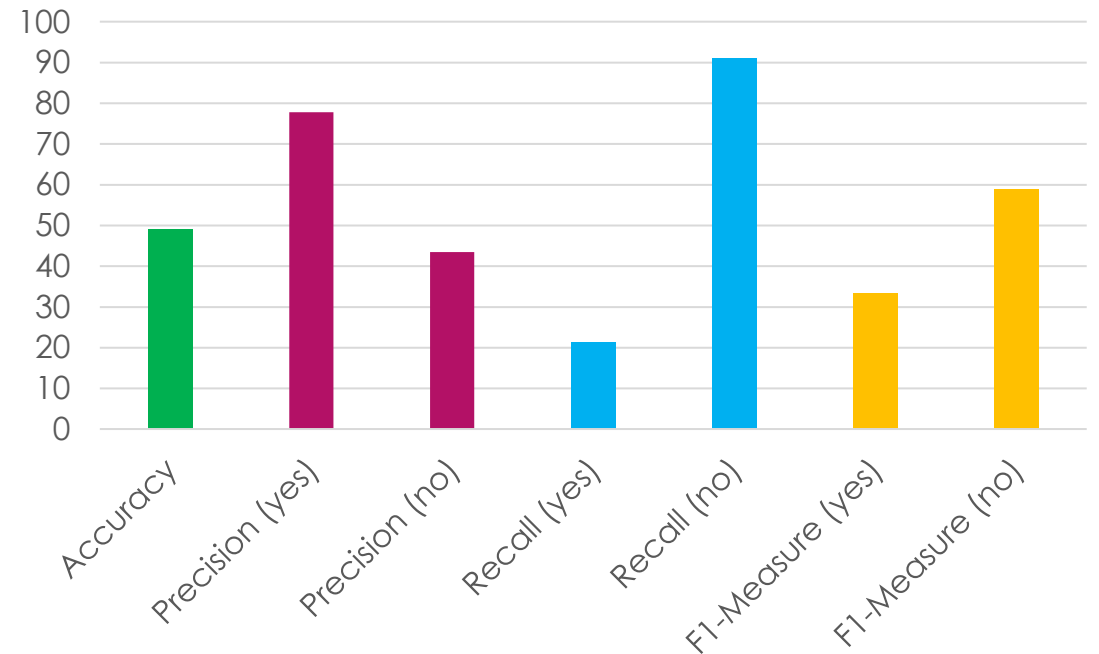
Vocabulary Size

- Original: 4304
- Filtered: 1193

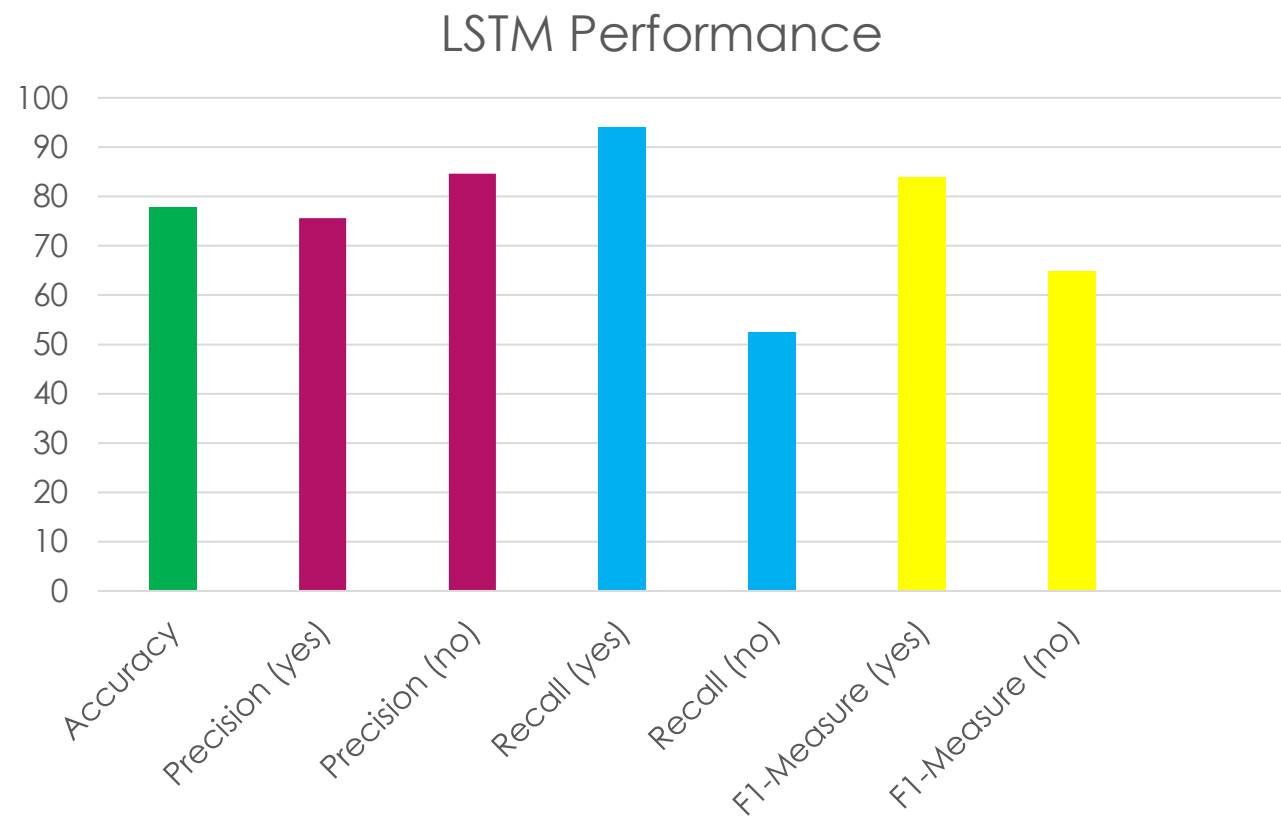
Original Vocabulary



Filtered Vocabulary



LSTM performance



Conclusion

- ▶ LSTM model better overall
- ▶ Recall (no) significantly worse except on NB-FV
- ▶ Filtered vocabulary doesn't improve performance. Worse in some cases.