Automatic political stance detection

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Motivation

Pipeline

Oriented torwards Burscher et al. (2016)
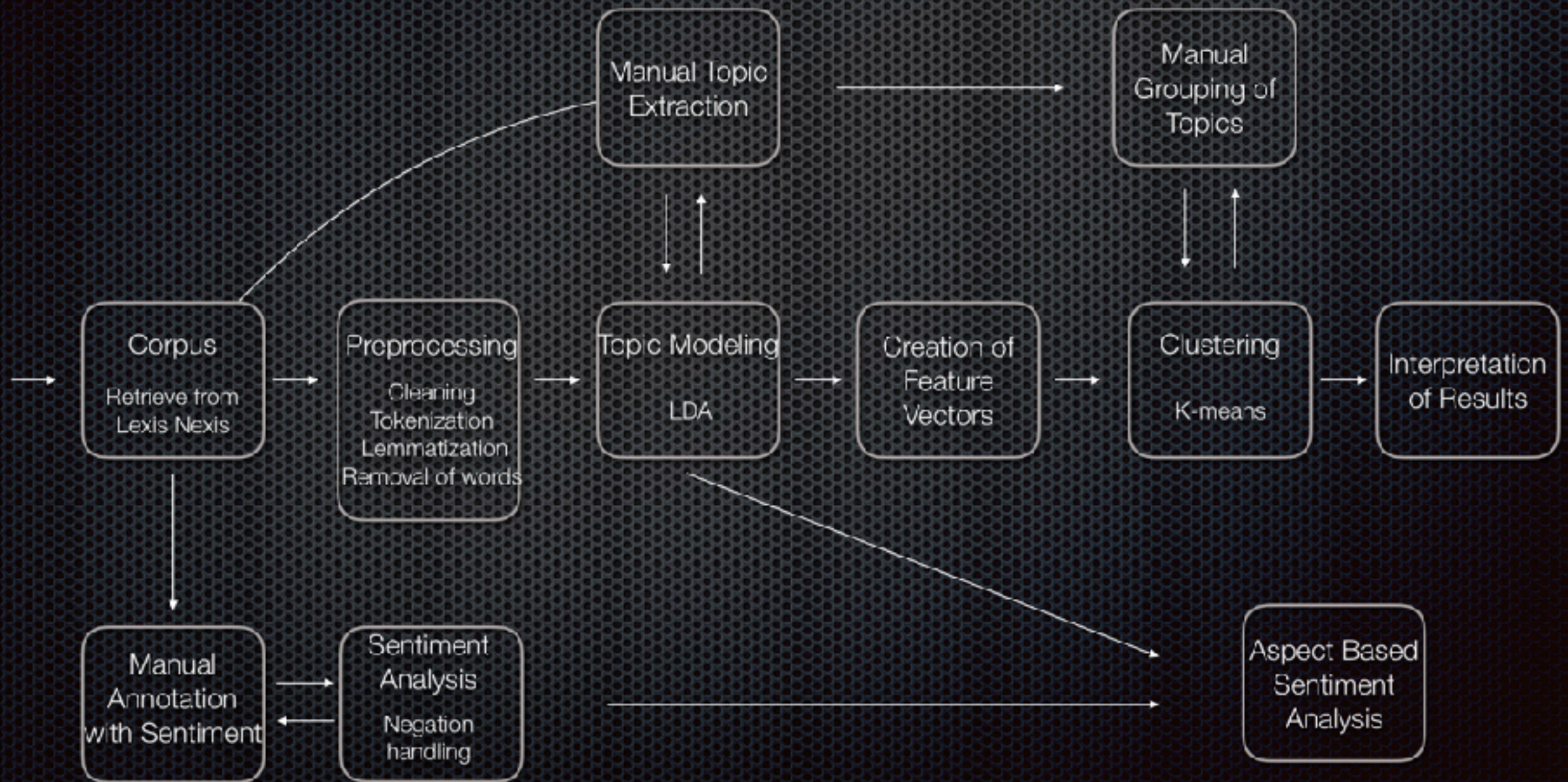
What we still need to do

- Manual extraction of topics and grouping

- Comparing manual evaluation with automatic results

- Implement aspect-based sentiment analysis

- Maybe try out other cluster and topic modelling methods

Initial Results

- No meaningful difference between articles

- Different corpus or preprocessing?

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References

Burscher, B., Vliegenthart, R. and Vreese, C.H.D., 2016. Frames Beyond words: applying cluster and sentiment analysis to news coverage of the nuclear power issue. Social Science Computer Review, Vol. 34(5), pp.530-545.

Hutto, C.J. & Gilbert, E.E., 2014. VADER: A Parsimonious Rule-based Model for Sentiment Analysis of Social Media Text. Eighth International Conference on Weblogs and Social Media (ICWSM-14). Ann Arbor, MI, June 2014.

Karypis, G., Kumar, V., & Steinbach, M. (2000). A Comparison of Document Clustering Techniques. Proceedings of the KDD Workshop on Text Mining, 2000.