NLDS Lab: Notes

Sam Wing
sampwing@soe.ucsc.edu

Abstract

Keep track of papers which I have read and any thing I find relevant. Beats using note paper.

1 Past Work

1.1 Sarcasm

Sarcasm is common in opinionated user generated content, blog posts among others.[9] Does this also apply to forums data? Would determining if a post was highly opinionated before trying to classify it lead to better results?

1.2 Sentiment Analysis

There is a pretty comprehensive overview on the current state of the art challenges of opnion mining and sentiment analysis by pang[7]

1.3 Narrative Schemas

Information regarding narrative schemas[3]

Event Chains[2] are a set $e_1, ..., e_n$ of events acted out by a protagonist, where n is the size of the set, and relation $B(e_i, e_j)$ means that e_i occurs before e_j where $i < j$

narrative coherence : verbs sharing coreferring arguments are semantically connected by virtue of narrative discourse structure.

narrative chains only have a partial ordering of events, due to the fact that they only deal with actions by a certain protagonist.

1.4 Persuasion

Anderson's paper on integration theory[1]

Davie's Paper on Dogmatism[4]

Devine's Paper on Jury Decision Making[8]

Petty's Paper on personal involvement[6]
Tversky's Paper on Judgement Biases[5]

References

[1] Norman H Anderson. Integration theory and attitude change. *Psychological Review*, 78(3):171–206, 1971.

[2] Nathanael Chambers and Dan Jurafsky. Unsupervised learning of narrative event chains.

[3] Nathanael Chambers and Dan Jurafsky. Unsupervised learning of narrative schemas and their participants. In *Proceedings of the Joint Conference of the 47th Annual Meeting of the ACL and the 4th International Joint Conference on Natural Language Processing of the AFNLP: Volume 2 - Volume 2*, ACL '09, pages 602–610, Stroudsburg, PA, USA, 2009. Association for Computational Linguistics.

[4] Martin F Davies. Dogmatism and belief formation: Output interference in the processing of supporting and contradictory cognitions.

[5] Tversky et al. Judgment under uncertainty: Heuristics and biases.

[6] Richard E. Petty; John T. Cacioppo; Rachel Goldman. Personal involvement as a determinant of argument-based persuasion.

[7] Bo Pang and Lillian Lee. Opinion mining and sentiment analysis. *Found. Trends Inf. Retr.*, 2(1-2):1–135, January 2008.

[8] Dennis J. Devine; Laura D. Clayton; Benjamin B. Dunford; Rasmy Seying; Jennifer Pryce. Jury decision making: 45 years of empirical research on deliberating groups.

[9] Oren Tsur, Dmitry Davidov, and Ari Rappoport. Icwsm - a great catchy name: Semi-supervised recognition of sarcastic sentences in online product reviews. *Proceedings of the Fourth International AAAI Conference on Weblogs and Social Media*, 2010.