Final Project Proposal

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TOPIC:

Maximizing the Score for Detecting ARG1 on Partitives

CONTENT:

In our final project, we plan to conduct a research on detecting ARG1 on partitives. We will implement different versions of the labeling system, test them on the development data set, and analyze the outcomes. The types of system we consider studying on includes:

1. Baseline System.
2. Chunk-based Paths (stemming & path features).
3. N-grams Vectors

We will test these systems using both python sklearn linear regression and Java OpenNLP, and compare their differences.

PUBLICATIONS:

Adam Meyers, Ruth Reeves, Catherine Macleod, Rachel Szekely, Veronika Zielinska, Brian Young, and Ralph Grishman. 2004. The NomBank Project: An Interim Report. In *Proceedings of the Workshop Frontiers in Corpus Annotation at HLT-NAACL 2004*, pages 24–31, Boston, Massachusetts, USA. Association for Computational Linguistics.

Adam Meyers, Ruth Reeves, Catherine Macleod, Rachel Szekely, Veronika Zielinska, Brian Young, and Ralph Grishman. 2004. Annotating Noun Argument Structure for NomBank. In *Proceedings of the Fourth International Conference on Language Resources and Evaluation (LREC'04)*, Lisbon, Portugal. European Language Resources Association (ELRA).