

A COMPARATIVE STUDY OF METHODS FOR DETECTION OF PURPOSE RELATIONS IN TEXT

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Abstract

Many NLP applications such as QA need semantic analysis of text. From the artifact perspective, most of these questions are implicitly purpose-based. This paper presents some methods for the automatic classification of WordNet corpus based on the presence or absence of the purpose semantic relation with respect to artifacts. The same has been determined using semi-automated and Machine Learning methods. The efficiency of the various methods has been compared and the results tabulated.