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BAG OF WORDS: SENTIMENT ANALYSIS FOR TWO SIDES OF REVIEWS USING DUAL PREDICTION ALGORITHM

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ABSTRACT

A technique to address the polarity shift problem in sentiment classification using novel data expansion technique. It contains two stages: dual training and dual prediction. Extend the DSA to DSA3 classification. A corpus-based method to construct a pseudo-antonym dictionary, which removes DSA's dependency on an external antonym dictionary for review reversion. To conduct a wide range of sentiment analysis task, and also plan to solve complex polarity shift pattern such as "sentiment-inconsistent".

Keywords-Dual Training, Dual Prediction, Dual Sentiment Analysis