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Opinion mining using ensemble text hidden Markov models for text classification

Mangi Kang, Jaelim Ahn, Kichun Lee

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## Highlights

- Proposed a new sentiment analysis method, based on text-based hidden Markov models
- Proposed a new sentiment analysis method that uses word orders without the need of sentiment lexicons
- Proposed an ensemble of text-based hidden Markov models using boosting and clusters of words produced by latent semantic analysis
- Showed the method has potential to classify implicit opinions by the proposed ensemble method
- Showed better performance in comparison to several previous algorithms
- Applied it to a real-life dataset to classify paper titles

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