

Sentiment Analysis of Twitter Messages: Tasks, Approaches and Results

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Abstract. Microblog messages became a very popular tool for communication between people. Authors of the messages write about their life, convey their opinions on various topics including political and religious views, products and services, etc. Thus, microblogging sites as Twitter become valuable sources of information about peoples's opinions and sentiments. Approaches for extracting these opinions and their aggregation are actively studied.

In my talk I consider sentiment analysis tasks proposed for processing Twitter messages and the existing approaches including neural networks, which allowed improving the existing results during last year. Also I present results of the Russian evaluation of sentiment analysis systems (SentiRuEval) organized in 2015-2016.

Keywords: sentiments analysis, microblog messages, opinion mining

References

1. Loukachevitch, N.V., Rubtsova, Y.: Entity-oriented sentiment analysis of tweets: Results and problems. In: Text, Speech, and Dialogue - 18th International Conference, TSD 2015, Pilsen, Czech Republic, September 14-17, 2015, Proceedings. (2015) 551–559
2. Loukachevitch, N., Blinov, P., Kotelnikov, E., Rubtsova, Y., Ivanov, V., V, V., Tutubalina, E.: Sentirueval: testing object-oriented sentiment analysis systems in russian. In: Proceedings of International Conference Dialog. Volume 2. (2015) 3–13