**Sentiscope: A System for Sentiment Analysis in Daily Horoscopes**

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**Overview**

- develop a system for sentiment analysis in daily horoscopes (in Croatian)
- automatically collect texts from the web on a daily basis
- detect polarity phrases in horoscopes and estimate overall sentiment from them

Unatoč tome što vam preciznost i odgovornost danas nisu najjača strana, *šarmom ćete izbjeći* sve moguće posljedice. U odnosu s partnerom imajte više sluha za njegove potrebe i želje jer bi vas ignoriranje moglo dovesti u *nezavidan položaj*.

**System design and implementation**

![System overview](image1)

- crawler
- graphical interface
- sentiment detector

**Phrase detection accuracy**

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<tr>
<th>Phrase vs. overall sentiment</th>
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**Annotator agreement**

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**Overall accuracy and confusion matrix**

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**Experiment and results**

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**Conclusions and future work**

- overall system accuracy 0.566, phrase detection F1-score 0.402, annotator agreement 75.97%
- web-based interface for assessment of horoscope sentiment for daily horoscopes in Croatian
- comparison with statistical methods

**Acknowledgement**

The research within the project ACCURAT leading to these results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013), grant agreement no. 248347.