

**The Research Centre of the School of Economics and Business**  
cordially invites you to a research seminar  
on **Tuesday, 17 February 2026, at 13:00 CET** in room **P-119**  
at the University of Ljubljana School of Economics and Business

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**Jasminka Dobša** (University of Zagreb Faculty of Organization and  
Informatics Varaždin, Croatia)

will present the article

### **Analysis of emotions in textual documents**

Emotion analysis refers to the classification of text according to emotions, based on psychological models. It can be conducted in a supervised way using annotated datasets, or in an unsupervised way using available emotion lexicons. Annotating texts with emotions is a challenging task because emotions are often subtle and context-dependent, and the language used to express them varies across domains and cultures. This challenge is even greater for low-resourced languages such as Croatian. The seminar will present a methodology for the automatic extraction of emotion lexicons based on the measure of s-discordance from symbolic data analysis, and its application to semi-supervised classification of textual documents according to emotions in the vector space model. In addition, possible applications of symbolic data analysis will be discussed for the intrinsic evaluation of word representations in neural language models and for the classification of textual documents by emotions using language models.

**We look forward to welcoming you at the seminar.**