Machine Learning applications in the Social Sciences and the Humanities

Coimbra Group - Working Group „Social Sciences & Humanities

Brigitte Burrichter (Würzburg), Raúl Sánchez Prieto (Salamanca)

Thursday, 17 October 2019

14:00-16:30 Opening

Jezek, Elisabetta/ Poggiolini, Ilaria/ Figini, Silvia/ Ceravolo, Flavio (Pavia):
Annotating textual data for machine learning
(SS and HH, general)

Frank Puppe/ Christoph Wick/ Andreas Haug (Würzburg):
Experiences from the Application of Semiautomatic Workflow Systems Based on Deep Learning Methods for Challenging Optical Character and Music Recognition (OCR, OMR)
(HH, Musicology)

16:30-17:00 Coffee break

17:00-19:00 Ben Ahmed, Olfa/ Fernandez-Maloigne, Christine (Poitiers):
Deep learning for the Social Sciences: facial expressions and emotions.
(SS, Psychology)

Pekka Räsänen/ Markus Kaakinen/ Atte Oksanen (Turku/Helsinki/Tampere):
Individuals, identities, and social networks: Using machine learning techniques to analyse how users identify with their social media networks.
(SS, Sociology)

19:30 Dinner

Friday, 18 October 2019

9:00-11:00 Raúl Sánchez Prieto/ Andrea Galván (Salamanca):
Using Support Vector Machines for the analysis of language perception. A text act based model.
(HH, Linguistics)

Gintautas Tamulevičius/ Audrius Valotka (Vilnius):
Machine learning for the Lithuanian language: state-of-the-art and challenges.
(HH, Linguistics)

11:00-11:30 Coffee break

11:30-14:00 Leonard Konle (Würzburg):
Machine Learning in Computational Literary Studies. An Overview of methods and applications

Final discussion

The workshop takes place in the building of the Würzburg Graduate Schools.

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