Supervised and Unsupervised Methods for Automated Content Analysis

ViDSS International Workshop

The availability of text data has exploded in the last two decades. First the availability of text through digital archives, then the advent of digital media communication like online news and press releases and most recently public communication of non-elite actors on social media. For social scientists across disciplines, this opens exciting new possibilities for research as many processes which occurred in private or elite venues is now accessible. At the same time, the sheer amount of data makes manually analysing meaningful fractions of it impossible.

This workshop is for intermediate users who want to deepen their knowledge on available methods and software for automated content analysis. However, the first part contains a revision of fundamentals of automated content analysis while the expectation is that you are comfortable with R, the programming language used in this course.

The workshop will touch upon Text Scaling and Regression Methods, Supervised Classification, Word Embeddings and Deep Learning.

Lecturer:
Johannes Gruber is a Post-Doc Researcher at the Department of Communication Science at Vrije Universiteit Amsterdam, working on the OPTED project with a focus on text as data methods and creating open-source software tools to make these methods easily accessible and reproducible. He also works on the NEWSFLOWS project at the Department of Communication Science at the University of Amsterdam. Previously, he worked as Post-Doc Researcher at the Chair for Digital Democracy at the European New School of Digital Studies (ENS), European University Viadrina Foundation Frankfurt (Oder), after graduating 2021 with a PhD in Politics at the University of Glasgow. www.johannesbgruber.eu

Date:
Thursday, 06.07.2023 09:00–17:30
Friday, 07.07.2023, 09:00–16:00

Venue:
Meeting Room of the Vienna Doctoral School of Social Sciences, Kolingasse 14–16, 1090 Vienna, OG01 (seminar room 11)

Participants:
The target group are student members of the Vienna Doctoral School of Social Sciences (ViDSS). If places are available, doctoral candidates in the social sciences who are not (yet) ViDSS members can join. Doctoral candidates receive 2 ECTS upon participation. Postdoctoral researchers may apply but doctoral candidates will be prioritised.

Organisers:
Paul Balluff: paul.balluff@univie.ac.at
Marvin Stecker: marvin.stecker@univie.ac.at

Registration:
You can register until 09.06.2023 via this link: https://forms.office.com/e/HsgzYNbT41