COMPTEXT 2026

8th Annual Conference on Computational Text Analysis

University of Birmingham · 23–25 April 2026

COMPTEXT is the leading annual venue for researchers who use computational methods to analyse text, audio and video data across the social sciences and humanities. The 2026 edition brings together scholars from political science, communication studies, sociology, and beyond to share advances in natural language processing, large language models, and quantitative text analysis applied to real-world political and social questions.

- **Website:** `https://www.comptextconference.org/8th-annual-conference-2026/`
- **Workshop Day:** Thursday, 23 April 2026 (9:30–17:00)
- **Main Conference:** Friday–Saturday, 24–25 April 2026
- **Venue:** Teaching and Learning Building, University of Birmingham

Programme Committee

- Christian Arnold (University of Birmingham)
- Fabienne Lind (University of Vienna)
- Martin Waehlisch (University of Birmingham)
- Miklós Sebők (ELTE Centre for Social Sciences, Budapest)

Local Organising Committee

University of Birmingham

- Aditi Dutta
- Allison Koh
- Alona O. Dolinsky
- Andreas Küpfer
- Christian Arnold
- Jay Dong
- Jessica Mylchreest
- Martin Waehlisch
- Tim Henrichsen
- Yen-Chieh Liao

Last updated: April 23, 2026

Acknowledgements & Sponsors

We are grateful to the organisations and individuals whose generous support made COMPTEXT 2026 possible.

Workshop Support

The workshop day was made possible through the generous support of **Susan Banducci** via the *125th Anniversary Fellows and Chairs Programme* at the University of Birmingham.

Conference Support

The conference received further support from the following organisations:

GESIS Leibniz Institute for the Social Sciences

Journal of Elections, Public Opinion and Parties

Parliview Project

Place Lab of Learning and Analysing Complex Environments at the University of Strathclyde

Nothing would have worked without the amazing support of the **University of Birmingham's Institute for Data and AI (IDAI)**

Programme at a Glance

Day	Time	Event
Thursday	09:30–12:30	Morning Workshop Session
	14:00–17:00	Afternoon Workshop Session
	From 18:30	*Welcome Drinks at The British Oak*
Friday	09:00–10:00	COMPTEXT Association Meeting (Lecture Theatre 2)
	10:00–10:30	*Coffee Break*
	10:30–12:00	Panel Slot 1
	12:00–13:00	*Lunch*
	13:00–14:30	Panel Slot 2
	14:30–15:00	*Coffee Break*
	15:00–16:30	Panel Slot 3
	16:30–16:45	*Coffee Break*
	16:45–17:00	Joint Session *Official Welcome* (Lecture Theatre 2)
	17:00–18:00	Roundtable *It's Not Just You: An Honest Conversation about Failure* (Lecture Theatre 2)
	18:30–21:00	*Conference Dinner at the Edgbaston Cricket Stadium*
Saturday	09:30–11:00	Panel Slot 4
	11:00–11:30	*Coffee Break*
	11:30–13:00	Panel Slot 5
	13:00–14:00	*Lunch*
	14:00–15:30	Roundtable *AI for Sustainability: Promise, Paradox, and Responsibility* (Lecture Theatre 2)
	15:30–16:00	*Coffee Break*
	16:00–17:30	Panel Slot 6
	From 18:30	*Farewell Drinks at the Attic Brew Co*

Roundtables

It's Not Just You: An Honest Conversation about Failure *Friday, 17:00–18:00, Lecture Theatre 2*
Facilitated by Christian Arnold (University of Birmingham)

This session creates space to name and normalise failure across all career stages. Panellists open with short, unscripted personal narratives before a moderated discussion on why failure remains hidden in academia, the particular failure modes of computational social science and what concretely helps when things go wrong. Next to input from within our community, we will also have a panelist from a high-performance context outside of academia to help put failure into perspective.

AI for Sustainability: Promise, Paradox, and Responsibility *Saturday, 14:30–15:30, Lecture Theatre 2*
Facilitated by Fabienne Lind (University of Vienna)

This session examines the paradox at the heart of AI-for-sustainability research: large-scale models are promoted as tools for addressing sustainability, yet training and running them generates substantial carbon emissions. Panellists will discuss what computational social science can contribute beyond natural-science applications, who governs these tools and in whose interest, and what professional responsibility researchers bear for the environmental costs of their work.

Evening Programme

We put together a social programme to give attendees the opportunity to connect and unwind after the conference sessions. Should you have any questions related to the bars on Thursday, Friday or Saturday, please get in touch with Tim Henrichsen. Any questions re the dinner, please liaise with Aditi Dutta.

All evening events are optional. While the dinner had to be reserved with the registration, the drinks are open to all participants.

Thursday Evening

On Thursday evening, those who are already around are welcome to join us at The British Oak (1364 Pershore Rd, Stirchley, Birmingham B30 2XS).

Note that all drinks are at your own expense.

Friday Evening

For the conference dinner, we will meet in the Cricket Stadium. The Edgbaston Stadium is located at Edgbaston Road, Birmingham, B5 7QU – about a 25mins walk from the conference venue. The dinner had to be reserved with the registration. Note that the welcome drink and the dinner are included in the registration. All further drinks are at your own expense.

Those who do not want to attend the dinner or would like to continue socializing after the dinner are invited to head to the nearby neighbourhood of Moseley, just a 25–30 minute walk from Edgbaston Stadium.

Saturday Evening

On Saturday evening, we will close things off with farewell drinks for all registered participants at Attic Brew Co (29B Mary Vale Rd, Stirchley, Birmingham B30 2DA). Note that all drinks are at your own expense.

How to Get There

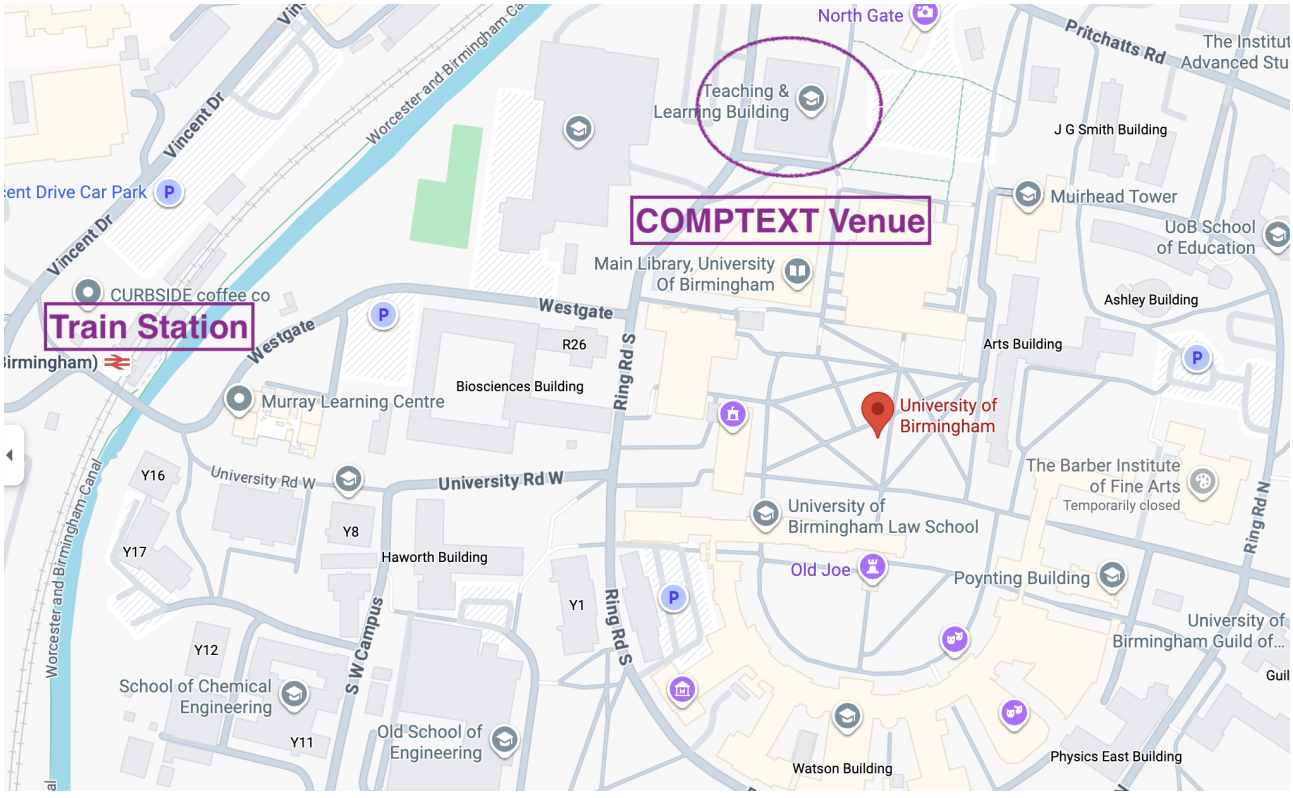
Venue: Teaching and Learning Building (TLB), University of Birmingham, Edgbaston, Birmingham B15 2TT. The TLB is located on the central square of the campus, directly next to the Main Library — it is easy to find once you are on campus (see map below). In the Teaching and Learning building, we have a series of spaces reserved for us:

- Room TLB Lecture Theatre 2 (102)
- TLB LG03 Seminar Room
- 109 Seminar Room
- 118 Seminar Room
- 119 Seminar Room
- M208 Seminar Room
- M209 Seminar Room
- M218 Seminar Room
- 1st Floor Atrium

By train: Travel to **Birmingham New Street** station, then take the Cross-City Line (southbound towards Redditch or Longbridge) to **University** station — approximately 10 minutes. The Teaching and Learning Building is a 5-minute walk from the station. Alternatively, a taxi or Uber from New Street takes roughly 15 minutes and costs around £10.

By car: From the M6, take the A38(M) Aston Expressway into Birmingham city centre, then follow signs for the University of Birmingham (A38 Bristol Road southbound). Paid parking is available on campus; please check `https://www.birmingham.ac.uk/university/colleges/eps/about/directions` for current rates and spaces.

By air: Birmingham Airport (BHX) is well connected. Take the Air-Rail Link to **Birmingham International** station, then a direct train to **Birmingham New Street** (approximately 15 minutes), and continue as described above.



Workshop Programme — Thursday, 23 April 2026

Morning Session

09:30–12:30

Allison Koh
Introduction to Python for Data Management and Analysis
LG03 Seminar Room

Many researchers already use tools like R and Stata for data analysis. However, most of the cutting-edge work in machine learning and natural language processing happens in Python. This workshop offers a practical introduction to programming and data management in Python, designed for researchers who are familiar with applied data science methods but new to Python. Participants will learn the building blocks needed to navigate Python syntax, adapt existing code in other programming languages like R, and begin integrating Python into their workflows for data management and analysis. The skills covered here also serve as a foundation for working with unstructured and multimodal data sources.

Andreas Küpfer
From Desktop to Cluster: Scaling Computational Social Science with High-Performance Computing
Lecture Theatre 2

Computational social science increasingly relies on large-scale data and resource-intensive models embedded in complex research pipelines. These requirements often exceed the limits of standard desktop computing. This beginner-friendly workshop introduces high-performance computing (HPC) as a practical research infrastructure for social scientists. Participants will learn the difference between CPU and GPU computing and how to navigate an HPC system. They will then set up, submit, and monitor computation scripts using a job scheduler. The workshop concludes with an outlook on workflow managers, demonstrating how automated pipelines can be utilised to structure, extend, and robustly execute computational social science analyses.

LK Seiling, Jakob Ohme
DSA Data Access 101 - What the Digital Services Act means for Researcher Access to Online Platforms
109 Seminar Room

As online platforms, and especially social media, have taken an increasingly important role for communication across small communities as well as the globe, researcher access to platform data has also grown in relevance. However, researchers had to rely on personal connections to platform providers or their good will in order to make use of the vast amount of data transmitted through and collected by these intermediary services. Most recently, the European Union's Digital Services Act (DSA) has established a new legal basis for data access: Article 40 DSA requires platforms to provide both public and non-public data to researchers - as long as they meet a set of criteria and study systemic risk.

This workshop aims to introduce participants to the research potentials unlocked through this regulation and provide them with everything they need to know to start drafting their own access requests. To that end, it will introduce the context of the DSA and Article 40, including recent enforcement actions by the European Commission, and map the data access pathways set out in the DSA, as well as some of the ongoing monitoring and advocacy efforts around data access. Based on an honest assessment of the current challenges participants will learn how to anticipate and address them in order to effectively use the new framework to their benefit - and start submitting their own data access applications.

Paulina Garcia-Corral
Building Shared Frameworks for GenAI Integration in the Social Sciences
118 Seminar Room

The landscape of content analysis (computational and otherwise) has fundamentally shifted. Once a niche domain requiring specialized technical expertise, computational content analysis has become broadly accessible with the emergence of Large Language Models (LLMs) and Large Multimodal Models (LMMs). These tools enable scalable, automated analysis of text, images, audio, and other forms of data, while significantly lowering the technical barriers to large-scale research. This democratization has led researchers across disciplines and methodological traditions to integrate LLMs into their workflows. Increasingly, scholars seek to move beyond copy-paste interactions with web applications toward systematic, transparent, and reproducible approaches. As these communities of practice expand, the need for shared vocabularies, pedagogical frameworks, and cross-disciplinary best practices becomes urgent. This workshop brings together researchers and educators at a critical juncture: How can we effectively teach, evaluate, and integrate LLM-based methods for audiences with no or limited programming experience while maintaining methodological rigor and reproducibility? Key Questions that we will address: 1) How can we communicate LLM capabilities and limitations across varying levels of technical expertise? 2) Which pedagogical frameworks are most effective for teaching LLM applications to non-technical audiences? 3) What constitutes best practice for systematic LLM integration without requiring programming? 4) How can we ensure responsible, transparent, and reproducible use of these tools in research contexts?

Sofia Gil-Clavel
Using AmCAT as a collaboration environment for discovering, accessing, analysing and (re)using textual data
119 Seminar Room

A key challenge to open science practices, such as sharing and reusing data, is that many researchers consider it a burdensome afterthought rather than a core part of the research itself. AmCAT (Amsterdam Content Analysis Toolkit) addresses these needs by providing an open collaboration environment. As collective benefit, AmCAT offers an open source and decentralized solution for storing and analysing potentially sensitive documents, decreasing dependence on commercial or foreign providers and their terms of use throughout the research life cycle. It also facilitates non-consumptive research when full data access is impossible. Combining a user-friendly GUI with a powerful API, AmCAT ensures researchers with varying computational skills can participate. During this workshop, participants will learn to use AmCAT to discover, access, analyse, and (re)using textual data. It is necessary that participants bring their own laptops.

Afternoon Session 14:00–17:00

Ahrabhi Kathirgamalingam
Biased by design? Unpacking social bias in Computational Social Science
LG03 Seminar Room

Unfortunately, this workshop had to be cancelled due to unforeseen circumstances. We apologise for any inconvenience.

Alona Dolinsky and Dylan Paltra
From Concept to Computation: Identifying Group Appeals in Text
109 Seminar Room

Political actors and institutions frequently employ social groups in their communication, but system-

atically identifying such appeals is conceptually and methodologically challenging. This workshop introduces participants to the study of group appeals in public discourse via computational text analysis. Participants will learn the fundamentals for creating an annotated group-appeals training corpus and the computational approaches currently used to scale up detection across large corpora using R and Python. This will enable them to refine existing models and systematically apply established methods to their own research. Drawing on the Parties' Social Group Appeals (PSoGA) framework, the workshop will emphasize the importance of validation at each stage. Participants will also conduct a practical exercise to measure group appeals in real-world texts.

Christopher Klamm, Bastián González-Bustamante and Steffen Eckhard
From Appendix to Spotlight: Validation Standards in Text-as-Data Political Science
118 Seminar Room

Our proposed workshop would provide (1) an overview of current validation challenges, tools, and practices in text-as-data research and (2) an open discussion space focused on identifying the needs of social scientists, potential standards, and best practices moving forward. The goal is not to prescribe a single solution, but to foster shared understanding and community-driven reflection on validation in CSS.

Kenneth Benoit
AI-Powered Qualitative Analysis in R
119 Seminar Room

This hands-on workshop introduces AI-assisted qualitative analysis in R, guiding participants through flexible, accessible workflows to annotate and code text, images, audio, PDFs, and tabular data with minimal programming. Participants will learn to connect to large language models such as ChatGPT, Claude, Gemini, and open-source options via Ollama, as well as design reliable prompts, build reproducible pipelines, validate and document analytic decisions, and apply ethical data-handling practices. By integrating these AI tools into standard qualitative research workflows, the workshop empowers researchers to enhance coding, thematic analysis, and interpretation while maintaining transparency and rigor for publication-ready outputs.

Nadezhda Ozornina
Introduction to Automated Analysis of Multimodal Data
Lecture Theatre 2

Multimodal content, combining text, images, and audio, is becoming increasingly central to social media; however, computational methods for analyzing such data remain underexplored. This beginner-friendly workshop introduces participants to key strategies for integrating and jointly analyzing multiple modalities, covering a variety of methods, including topic modeling and clustering. The session includes hands-on exercises requiring basic Python knowledge, along with discussions of theoretical frameworks and validation strategies for applying these methods in social science research.

Conference Programme — Friday–Saturday, 24–25 April 2026

Friday Morning

Friday 10:30–12:00

Friday 10:30–12:00 · LG03 Seminar Room

Text, opinion, and measurement validity in communication research

Chair: Chico Q. Camargo · Discussant: Chico Q. Camargo

Sjoerd Stolwijk; Anke Stoll; Damian Trilling

When annotators make errors: Implications for downstream tasks involving language models

Ardita Reçi

Rethinking textual opinion research from a communication perspective

Kyungmin Kim; John Ternovski

Style over substance: Applying information theory to textual administrative data

Friday 10:30–12:00 · 109 Seminar Room

Measuring political speech: Vagueness, precision, and group appeals

Chair: Tobias Heidenreich · Discussant: Clint Claessen

Nelson Santos; Jérémy Dodeigne

Who are they talking about, and how? An NLI approach to group-based appeals and stance detection

Chantal Sullivan-Thomsett; Lucas Geese

Which politicians should i interview? Using computational text analysis to inform elite interview sampling and recruitment

James Cross; Derek Greene; Jihed Ncib

Beyond the surface: Evaluating automated and transformer-based proxies for measuring linguistic precision and vagueness in political discourse

Goto Jun; Aoki Miri

The roots of rigid ideology among political elites

Friday 10:30–12:00 · 118 Seminar Room

Parliamentary rhetoric and the liberal international order

Chair: Allison Koh · Discussant: Jakub Szabó

Wolfgang Minatti; Rebecca Kittel

The rhetorics of zeitenwende: Legitimising support for Ukraine in parliamentary debates

Anna Wohlmann

Cross-domain collective action: Bridge building across movements through comments on TikTok

Michal Parizek; Clara Weinhardt

Embedded geopoliticization: The EU's global trade strategy in an age of challenged multilateralism

Paul Borck; Andreas Dür; Gemma Mateo; Mehmet Yavuz

Measuring contestation and support of the liberal international order: A cross-national computational approach

Anqi Yu; Shubin Yu; Fengming Liu

"I know it's not sustainable, but i still use it": How LLM users perceive and justify the trade-offs of AI use

Friday 10:30–12:00 · 119 Seminar Room

Media framing of protests, personalities, and international events

Chair: Vihang Jumle · Discussant: Jonas Baur

Tereza Plistilova

Securitizing the "Arab Street"? Global media framing of protests in the MENA: Text-as-data approach

Laura Liebig; Gregor Wiedemann; Katharina Kleinen-von Königslöw

How do LLMs conceptualize frames? A critical study of underlying conceptual models

Johannes B. Gruber; Ana Ines Langer; Mariken A.C.G. van der Velden

The (uneven) rise of personality politics in the media: A large language model approach to complex content annotation

Peter Maurer; Jamal Nasir; Ofer Shinar

Measuring the framing of ICE in international news media

Friday 10:30–12:00 · M208 Seminar Room

Economic discourse in parliament, media, and financial text

Chair: Lehan Zhang · Discussant: Fabienne Lind

Stefano Sangiovanni

Economic performance indicators and party valence choices in parliamentary debates

Anna Takács; Miklós Sebők

Mining inequality narratives: Parliamentary framing and economic contexts in central Europe

Mandelkern Ronen; Zur Barak

The impact of macroeconomic policy rules on media coverage of monetary and fiscal policy

Sami Nenno; Philipp Lorenz-Spreen

How German members of parliament debate wealth taxation on social media

Silvia Decadri; Guido Salza; Moris Triventy

Mapping educational differentiation under expanded school autonomy: A computational classification of school profiles

Friday 10:30–12:00 · M209 Seminar Room

Social identity, polarisation, and culture war online

Chair: Dylan Paltra · Discussant: Elise Frelin

Susan Banducci; Hyerin Seo; Alona Olga Dolinsky

Gendered mediation in personalised campaigns: Media bias across four countries

Váradi Bendegúz; Kmetty Zoltán

Uncovering political polarization in everyday language: An analysis of neural network decision patterns

Marvin Stecker; Fabienne Lind; Hajo Boomgaarden; Markus Wagner

Dimensionality and polarisation of social identities by political parties and citizens

Alex Hartland; Daniela Braun; Daniel Gayo-Avello; Benjamin Lopez Perez; Cristian González García

Every loser wins: How to prevail in the online culture war

Friday 10:30–12:00 · M218 Seminar Room

Populism, illiberalism, and democratic backsliding in party speech

Chair: Martijn Schoonvelde · Discussant: Jana Bernhard-Harrer

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Humeyra Biricik

Measuring democratic backsliding through political speech

Jiun-Chi Lin

Which identities matter? A computational analysis of populist framing and contextual dynamics in Taiwan's elections

Marli Fernandes; Antonio Nicolò

Populism contagion: Strategic policy responses to populist opponents

Lucienne Engelhardt; Larissa Böckmann

Scrutinizing illiberal measures against football supporters in Germany 2012-2025

Friday Midday

Friday 13:00–14:30

Friday 13:00–14:30 · LG03 Seminar Room

LLM safety, bias, reproducibility, and environmental costs

Chair: Shubin Yu · Discussant: Daniel Thiele

Paulina García-Corral

Do LLM safety mechanisms affect political text classification?

Aditi Dutta

When models disagree: What AI misclassification reveals about uncertainty, interpretation, and error in policy research

Sean Palicki; Isaac Bravo

Tidycarbon: An r package for tracking and reducing the environmental costs of computational data analysis

Friday 13:00–14:30 · 109 Seminar Room

Corpus construction, content analysis, and video-to-text challenges

Chair: Ahrabhi Kathirgamalingam · Discussant: Sjoerd Stolwijk

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Hirshorn Yuval; Mandelkern Ronen; Zur Barak

Matching corpus-building methods to different types of text universes

Tom Nicholls; Mark Pogson

Automatic or the people? Harmonising performance metrics for automated and human content analysis

Jakab Buda

Corpus simulation to better understand the empirical behavior of bag-of-word topic models.

Christian Pipal; Morgan Wack; Eva-Maria Vogel; Frank Esser

Lost in translation: Why converting video to text undermines automated content analysis

Friday 13:00–14:30 · 118 Seminar Room

Elite agenda-setting, message alignment, and issue engagement

Chair: Olga Eisele · Discussant: Lukas Warode

Jana Bernhard-Harrer

If you don't like it, change the topic! Measuring political influence on public discourse through word embeddings

Christofer Talvitie

Engaging with friends or foes? A curvilinear model of ideological proximity and issue engagement

Greta Groß

From moral intuitions to moral strategy - elite professionalization in US political communication

Friday 13:00–14:30 · Lecture Theatre 2

Party strategy and candidate messaging in electoral campaigns

Chair: Luis Sattelmayer · Discussant: Alona Olga Dolinsky

Mona Krewel; Jeanelle Frontin

The anatomy of influence: Unveiling predictive patterns in targeted electoral advertising on social media in the 2024 US presidential election

Elise Frelin

Diverging from the party line: Candidate messaging on social media across electoral systems

Dylan Paltra

Sitting on the fence: Examining intra-party heterogeneity in group appeals

Kevin Foley

Agents in the archives: Measuring position-taking in campaign web sites, 2000-25

Friday 13:00–14:30 · M209 Seminar Room

Parliamentary communication and elite responsiveness

Chair: Asli Ceren Cinar · Discussant: Nelson Santos

Michele Scotto di Vettimo

Talking heads: Communication and responsiveness at the European Council

Clint Claessen; Lucy Kinski

Present, but not represented? Representative claims and group appeals in parliamentary debates

Mert Ugur

Identity, demographics, and locality: A multi-level analysis of factors shaping parliamentary discourse

Michele Scotto di Vettimo; Christel Koop

Holding experts to account: Assessing the quality of parliamentary oversight over central bankers

Dino Noah Wildi; Endre Borbáth

Automating political claims analysis with large language models

Friday 13:00–14:30 · M218 Seminar Room

Algorithmic curation, audience behaviour, and platform content

Chair: Denise J. Roth · Discussant: Lion Wedel

Yining Wang; Johannes B. Gruber; Yannik Peters; Olivier Rouquette; Katrin Weller

Gone but not missed? Understanding the drivers and implications of post deletions on Bluesky

Xiran Liu; Mike Schäfer

ChatGPT on TikTok: A computationally assisted analysis of themes, multimodality, and engagement

David Wegmann

Fragmented streams or shared currents? Longitudinal evidence on YouTube consumption in Denmark

Philipp Mendoza; Johannes B. Gruber; Damian Trilling

Designing feedback loops: A field experiment on algorithmic amplification and news knowledge

Vihang Jumle

Automated frame analysis using neural networks: A systematic review

Friday 13:00–14:30 · 119 Seminar Room

Digital platforms, democratic norms, and AI in political communication

Chair: Louise Luxton · Discussant: Marli Fernandes

Allison Koh; Ting Luo; Tim Henrichsen

Discursive framing in U.S. TikTok discussions on migrating to rednote

Jakob Berg

Rare but powerful? Celebrity involvement in political communication on Instagram in Germany and the United States

Giuliano Formisano; Vicente Valentim

Public responses to different democratic norm violations

Baraa Ali Deeb; Martin Wählisch; Fadi Zaraket; Anelia Kurteva

Conflict-sensitive large language models: Preparing AI for mediation in armed conflicts

Friday Afternoon

Friday 15:00–16:30

Friday 15:00–16:30 · LG03 Seminar Room

Measurement, translation, and classification in text analysis

Chair: Lucas Geese · Discussant: Paulina García-Corral

Fengming Liu; Shubin Yu

Mimitalk: Revolutionizing qualitative research with dual-agent AI

Alex Hartland; Daniel Gayo-Avello; Daniela Braun; Benjamin Lopez Perez; Cristian González García

Blurred lines: Conceptualising and measuring class separability for quantitative political text analysis

Stepan Jaburek; Lukas Warode; Adam Černý

What gets lost in translation? Validating the stability of inferences in machine translated political text

Friday 15:00–16:30 · 109 Seminar Room

Video data, multimodal LLMs, and complex event classification

Chair: Hauke Licht · Discussant: Maurice Flechtner

Mirya Holman; Andreas Küpfer; Tyler Simko

A pipeline for extracting data from videos of complex political events

Morgan Wack; Eva-Maria Vogel; Christian Pipal

Do reference limits constrain diversity? Evidence from journal policy changes

Georg Haustein; Richard König

Information quality in decentralized prediction markets: A computational analysis of polymarket discourse

Friday 15:00–16:30 · 118 Seminar Room

News frame detection: Models, narratives, and party discourse

Chair: Peter Maurer · Discussant: Johannes B. Gruber

Vihang Jumle

Clash of the models: Comparing performance of BERT-based variants for generic news frame detection

Jonas Baur; Anna-Lena Nadler; Alexandra Feddersen

Does the dog watch? When and how the media reports on political elites' repositioning

Katrin Rohrbacher; Mahlberg Michaela

Modeling embodiment in narratives

Ema Kristo

Computational approaches to the analysis of party political discourse in Albanian online media

Friday 15:00–16:30 · 119 Seminar Room

Identity construction and political language

Chair: Constantine Boussalis · Discussant: Hyerin Seo

Edlira Gugu

Generative language models and the transformation of scientific discourse. A computational text analysis

Asli Ceren Cinar; Mirya Holman; Tyler Simko

Identity claims in political speech

Jesse Mehravar; Amanda Friesen; Samantha Jones; Erin Heerey

What does it mean to be a Canadian? Co-constructions of Canadian identity in face-to-face conversations.

Matías Deneken

Elite identification in Latin America: Approaches from natural language processing

Friday 15:00–16:30 · M209 Seminar Room

Computational methods, research design, and political text datasets

Chair: Christofer Talvitie · Discussant: Felicia Loecherbach

Greta Groß

When do politicians talk about the future? Future narratives across electoral cycles, crises, ideology and gender

Sophia Roppertz

To adopt, or not to adopt: Machine learning-based research designs in social science papers

Malo Jan; Luis Sattelmayer

Partysome II: A new dataset on parties' issue agendas on social media

Martijn Schoonvelde; Piero Tortola

Speaking of experts: Attitudinal evidence on the politics of expertise from a cross-national deliberative exercise

Friday 15:00–16:30 · Lecture Theatre 2

Measuring elite and online polarisation

Chair: Verena Kunz · Discussant: Aidar Zinnatullin

Jan Elfes; Marco Bastos; Luca M. Aiello

On narrative: The rhetorical mechanisms of online polarisation

Giuliano Formisano; Yannis Theocharis; Spyros Kosmidis

Measuring online polarisation: A supervised machine learning approach

Michelle Schimmel; Petter Törnberg

Affective polarisation and elite discourse across countries

Christopher Klamm; Flynn Schirott; Sven-Oliver Proksch; Bruno de Castanho Silva

Elite polarization in election campaigns under minority and majority governments

Chico Q. Camargo

The network geometry of belief updating

Friday 15:00–16:30 · M208 Seminar Room

Agenda-setting, state media, and automated discourse analysis

Chair: Philipp Mendoza · Discussant: David Wegmann

Raddi Fulvio; Codruta Mare

The effects of annual reports on volatility: A European point of view

Sami Nenno

Issue salience in German and British public discourse: Interactions between politicians, parties, news media, and citizens

Julian Theseira

Centralised diversification: China's AI governance frames and domestic policy echoes in China's state media on YouTube and TikTok

Christian Oswald; Dominik Allen

Expanding the utility of protest event datasets with automated variable extraction from event summaries

Saturday Morning

Saturday 09:30–11:00

Saturday 09:30–11:00 · LG03 Seminar Room

Automated interviewing, prompting, and statistical text inference

Chair: Melike Ayşe Kocacık Şenol · Discussant: Christine Sheldon

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Maurice Flechtner

AutoConcourse: A computational pipeline for automatic generation of q-concourse statements

Alexander Wuttke; Matthias Aßenmacher; Christopher Klamm; Max M. Lang; Quirin Würschinger; Frauke Kreuter

Making semi-structured interviews scalable: An experimental evaluation of AI conversational interviewing

Hauke Licht

Computational emotion analysis with multimodal LLMs: Current evidence on an emerging methodological opportunity

Saturday 09:30–11:00 · 109 Seminar Room

Climate change communication on social media platforms

Chair: Marvin Stecker · Discussant: Sanika Damle

Sofia Gil-Clavel

What shapes the climate change narrative in Mexico? An exploration of Facebook energy related ads

Jessica Haak; Sofia Morét; Lucas Schwarz

"The flooding makes it clear that the climate crisis is already here": The impact of weather extremes on candidates' climate communication on Twitter

Mona Krewel; Jeanelle Frontin; Emily Rosenthal; Wokje Abrahamse; Rebecca Priestley; James Renwick; Bronwyn Wood

Beyond denial: Climate-related misinformation in New Zealand's political social media discourse

Veronika Ebner; Fabienne Lind; Hajo Boomgaarden

Hope for the climate? Constructive elements in environmental journalism on TikTok and their influence on social media engagement

Saturday 09:30–11:00 · 118 Seminar Room

Campaign advertising, party appeals, and news credibility

Chair: Jiun-Chi Lin · Discussant: Jakob Berg

Tobias Heidenreich; Pola Lehmann

Logos or pathos: How political parties appeal to voters

Julia Weiss; Axel Burger; Joss Roßmann; Jan Eric Meurer; Ali Abusaleh

From images to topics: Evaluating vision-language models for thematic classification of election advertising

Felicia Loecherbach

The politics of open knowledge: Electoral dynamics in Wikipedia editing

Eva-Maria Vogel; Christian Pipal; Morgan Wack; Frank Esser

How news influencers signal credibility: A computational framework for the 2024 U.S. election

Sophia Schlosser; Laurence Brandenberger; Yifei Yuan

Elite stance-taking in public debate: Evidence from a multimodal corpus of Swiss television

Saturday 09:30–11:00 · M208 Seminar Room

Gender representation in party communication and visual media

Chair: Christine Sylvester · Discussant: Wanyu Chung

Maarja Lühiste; Alona Olga Dolinsky; Lena Maria Huber; Will Horne

More than symbols: How women's representation shapes parties' electoral appeals to female voters

Julius Diener; Dylan Paltra

How politicians objectify women

Malo Jan; Luis Sattelmayer; Noémie Piolat

Not in the picture: Visual descriptive representation and gender gaps in parties' visual communication

Luis Sattelmayer

Competition between equals: Strategic issue diversification and the impact on electoral fortunes of far-right parties

Saturday 09:30–11:00 · Lecture Theatre 2

Misinformation detection, fact-checking, and state propaganda

Chair: Elad Segev · Discussant: Erik de Vries

Özlem Delal Abanoz

Generative AI and fake news: A mixed-methods study of fact-checking practices in türkiye

Sami Nenno; Cornelius Puschmann; Kamil Fulawka; Philipp Lorenz-Spreen

Content-based detection of misinformation expands its scope across politicians and platforms

LK Seiling; Jakob Ohme

Effects of misinformation and misinformation interventions in an incidental exposure paradigm

Julian Theseira

Cognitive warfare by proxy: Chinese state media amplification of Russian war in Ukraine frames on YouTube and TikTok

Verena Kunz

Disinformation in democratic deliberation: Assessing patterns of disinformation in European parliament

debates using large language models

Saturday 09:30–11:00 · M209 Seminar Room

Partisan polarisation in media, science, and parliamentary speech

Chair: Christian Pipal · Discussant: Giuliano Formisano

Aidar Zinnatullin; Valeriani Augusto

How polarisation content circulates in Italian media: Evidence from print and online editions

Daisuke Nakamura; Petro Tolochko; Desirée Schmuck

Divisive power of disparagement humor? Exploring partisan social media influencers and sentiment polarization in TikTok comments

Lukas Warode; Or Tuttnauer

Measuring government–opposition polarization in parliamentary speech: A cross-country multilingual transformer framework

Chernenko Elizaveta; Vedres Balazs

Networked hatred: Co-evolution of dehumanising discourse and channel structure of Russian and Ukrainian telegram during the 2022 invasion

Saturday Midday

Saturday 11:30–13:00

Saturday 11:30–13:00 · Lecture Theatre 2

LLM multi-agent systems in social research

Chair: Edlira Gugu · Discussant: Mona Krewel

Constantine Boussalis; Travis Coan; Ranadheer Malla; Max Pellert

Climate persuasion dynamics in generative agent populations

Christine Sheldon; Slava Jankin

Generative agent-based modelling for institutional deliberation: Design principles from a European Council simulation

Bastián González-Bustamante

Retrieval-augmented generation and multi-agent LLM orchestration for analysing the political economy of sustainability

Saturday 11:30–13:00 · 109 Seminar Room

Parliamentary and online climate discourse across countries

Chair: Sofia Gil-Clavel · Discussant: Sofia Morét

Sanika Damle; Radhika Krishnan

Framing climate change on YouTube: North-south divides in narratives and public engagement

Marvin Stecker; Jana Bernhard-Harrer

Two for the price of free: We have annotation software and a multilingual climate reporting dataset for you

Simon Luck; Chiara Binelli; Olivia My Töffner Kvist; J. Eduardo Vera-Valdés

Using online data to measure climate change awareness

Elad Segev; Ilan Manor

Global disparities in generative AI

Saturday 11:30–13:00 · 119 Seminar Room

Protest coverage, sentiment bias, and marginalised voices in media

Chair: Tereza Plistilova · Discussant: Anne Clausen

Philipp Srama; Sebastian Haunss; Pal Susanszky; Natascha van der Zwan

Coverage bias in automated protest event analysis: A methodological challenge

Xinying Chen; Miroslav Kubát; Michal Místecký; Michaela Nogolová

Simplicity in truth, complexity in lies: Syntactic patterns in Czech news

Saturday 11:30–13:00 · M209 Seminar Room

Visual and alternative media: Bias, multimodality, and credibility

Chair: LK Seiling · Discussant: Eva-Maria Vogel

Wanyu Chung; Duiyi Dai; Robert J.R. Elliott

Visual bias in the brexit referendum: A quantitative analysis of newspaper images

Lion Wedel

A song of news and knowledge: Measuring informative content in multimodal digital trace data

Erik de Vries; Michael Hameleers; Emma Van der Goot; Noëlle Lebernegg; Sanne Kruikemeier

Distinguishing alternative media from established media based on linguistic differences: Evidence from the netherlands, Sweden, the UK, and the US

Denise J. Roth; Sarah Shugars

Communicating health in context: Evidence from black digital media

Saturday 11:30–13:00 · LG03 Seminar Room

Migration narratives, radical right contagion, and computational measurement

Chair: Rebecca Kittel · Discussant: Mert Ugur

Selma Sarenkapa

Who speaks first? Agenda formation on immigration in Germany's media, Twitter, and parliament

Larissa Böckmann

The radicalized mainstream? The impact of the far right on mainstream parties' adoption of illiberal ideas

Ahrabhi Kathirgamalingam; Tobias Heidenreich; Olga Eisele

Let's make it about migration: The explicit and implicit presence of migration in parliamentary debates in Austria and Germany

Hubert Plisiecki; Paweł Lenartowicz; Artur Pokropek; Kinga Małyska; Maria Flakus

Measuring individual differences in meaning: The supervised semantic differential

Kinga Małyska; Hubert Plisiecki; Maria Flakus; Adam Waszkowski; Artur Pokropek

How migration narratives shape engagement on x: an exploratory analysis using transformer-enhanced latent semantic scaling

Saturday 11:30–13:00 · 118 Seminar Room

Generative AI, multimodal analysis, and digital political communication

Chair: Julia Weiss · Discussant: Dino Noah Wildi

Mafalda Patacão Zúquete

Weaponizing incivility: Uncivil statements and interruptions in televised leaders' debates

Paxia Ksatryo

Influencers in office: Do political appointments shape public outreach on Indonesian TikTok?

Sjoerd Stolwijk; Mark Boukes; Damian Trilling

Are generative AI text annotations systematically biased, and does this matter?

Markus Baumann; Simon Lübke; Johannes Schusterbauer; Nadezhda Ozornina; Jörg Haßler; Mario Haim; Maria Elizabeth Grabe

Overestimated, but underrated? Applying vision-language models for large-scale meme detection and analysis

Saturday Afternoon

Saturday 16:00–17:30

Saturday 16:00–17:30 · LG03 Seminar Room

Validating LLMs for political text annotation and coding

Chair: Alex Hartland · Discussant: Kevin Foley

Lorcan McLaren; James Cross; Martijn Schoonvelde

Magic words or methodical work? Challenging conventional wisdom in LLM-based political text annotation

Daniel Thiele; Miriam Milzner

Beyond classification: Validating LLM-generated descriptions of social media user communities

Bastián González-Bustamante; Tom Bellens; Christopher Klamm; Marta Koch

A proof-of-concept benchmark of LLMs and fine-tuned transformers for multilingual policy agenda coding

Saturday 16:00–17:30 · 109 Seminar Room

AI research infrastructure: Adoption, tools, and open resources

Chair: Sean Palicki · Discussant: Zoe Greene

Anna Wohlmann; Julian Bernauer

AI infrastructure for the social sciences - MZES case study

Andreas Küpfer; Christian Arnold

Introducing workflow management to computational social science

Saturday 16:00–17:30 · 119 Seminar Room

Hate speech, misogyny, and online radicalisation

Chair: Jesse Mehravar · Discussant: Mafalda Patacão Zúquete

Lehan Zhang; Alexander Hoyle; Elliott Ash

Enter manosphere: Gateways into misogyny

Hyerin Seo

Flag wars: How everyday national symbols become sites of far-right contestation in contemporary Britain

Anne Clausen

What does sexual and gender minority hate speech look like on Danish Facebook? A combined manual and computational analysis

Emilie Truelsen

Avoiding dilution but preserving context: Fine-tuning incivility classifier with sentence-level auxiliary signals on data from war-related subreddits

Saturday 16:00–17:30 · M208 Seminar Room

Parliamentary speech, ideological variation, and EU politicisation

Chair: Stefano Sangiovanni · Discussant: Michele Scotto di Vettimo

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Jakub Szabó

Mapping EU politicization in Eastern Europe: A large language model-powered analysis of Slovakia's parliamentary speeches

Stepan Jaburek; Michal Parizek

Government-opposition dynamics of IO scapegoating: Evidence from European national parliamentary debates, 1997-2020

Lukas Warode; Stepan Jaburek; Vojtěch Pohanka; Jan Vondráček

Variation in ideological speech across parliaments: Examining the asymmetric effects of political contexts & legacies

Christine Sylvester; Dafni Kalatzi Pantera; Despina Alexiadou

From climate to culture war: Radical right framing of energy and environment

Saturday 16:00–17:30 · M209 Seminar Room

Deliberation, expertise, and evidence in legislative and civic debate

Chair: Kinga Małyska · Discussant: Sophia Schlosser

Lukas Schütte

Measuring habermasian deliberation in municipal debates: Automating the discourse quality index

Avner Kantor

The architecture of evidence: How data journalism restructures the topology of online deliberation

Burint Bevis; Xinlan Hu; James Houghton; Mark Kennedy

Fehlerkultur in action: How teams disagree constructively in high-stakes situations

Eoghan Cunningham; Antonio Rago; Derek Greene; James Cross

Mining bipolar argumentation frameworks from parliamentary debates

Segun Aroyehun

The politics of feelings in U.S. congressional speeches

Saturday 16:00–17:30 · Lecture Theatre 2

Citizens, AI information, and political representation

Chair: Morgan Wack · Discussant: Michelle Schimmel

Mirko Wegemann; Elena Leuschner; Tim Lars Allinger; Daniel Bischof; Kristian Frederiksen; Morgan Le Corre Juratic

Citizens' narrow views of democracy: Insights from open-ended survey responses

Simon Luck; Aidar Zinnatullin

Speaking as trustees and delegates: Measuring representational styles in political speech data

Timea Balogh; Louise Luxton; Zoe Greene

The power of conversation: A survey experiment on AI-generated information and political behaviour

Ruth Dassonneville; Wannes De Meyer; Vojtěch Pohanka

Analyzing voters' perceptions of party-social group linkages using open-ended survey responses

Fabienne Lind; Veronika Ebner; Sonja Blum; Nora Habelitz

Bridging political and spatial divides? Economic frames and emotions in TikTok debates on energy and mobility transformation

Saturday 16:00–17:30 · M218 Seminar Room

Platform governance, data access, and digital regulation

Chair: Selma Sarenkapa · Discussant: Váradi Bendegúz

Katherine Ireland; Tim Samples; Kaspar Beelen

Tracking trust: A diachronic corpus analysis of power asymmetry in digital platform terms of use

Luisa Golland; Oliver Watteler; Jonas Recker; Jan Schwalbach; Libby Bishop

From (almost) open to heavily restricted data access - the development of the Twitter/x developer policies

Huan Lai

Exploring Chinese netizens' sentiment towards disclosing IP locations: A case study of the zhihu platform