

Centre for Digital Citizenship

The Centre for Digital Citizenship investigates the social and political consequences of current developments in digital media technologies – smartphones, social media, algorithms, data, and beyond – and asks how these technologies shape individuals, citizens, collectives, and publics. While digital technologies offer progress in terms of political mobilization and public conversation, they also hold the potential to enhance old inequalities and divides, countering trust in society. The Centre for Digital Citizenship seeks interdisciplinary explanations to these complex digital developments and their societal effects.





Reseach themes

- Algorithmic societies and justice
- Mediated publics and engagement
- Organizational data and governance
- (Dis)information and trust



Algorithms, data & democracy

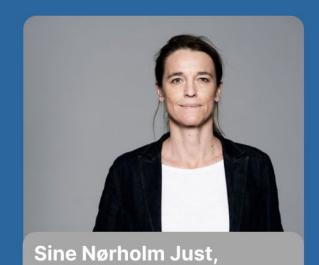
Controversies regarding the digitalization and datafication of democracy currently develop along two interrelated axes; algorithmic infrastructures intensify and polarize issues of public concern while algorithmic decision-making is detached from citizen scrutiny and deliberation. The ADD-project focuses on these sociotechnical dynamics in an effort to reconfigure the algorithmic organization of data and strengthen digital democracy.

THE VELUX FOUNDATIONS

Research



Outreach



Principal investigator





Samfundsfokus



Teknologisk fokus



Innovation

Syddansk Universitet Hovedansvarlig: Alf Rehn



Infrastruktur og cybersikkerhed Aalborg universitet Hovedansvarlig: Torben Elgaard Jensen



Prædiktive
algoritmer i den
offentlige
forvaltning
Aarhus Universitet
Hovedansvarlig:
Helene Friis Ratner



Sundhed

Roskilde Universitet Hovedansvarlig: Sine N. Just



Finans

Copenhagen
Business School
Hovedansvarlig:
Leonard Seabroke



Digital citizenship v. the ideal of deliberative democracy Legitimacy Identity Debate



Automated persuasion

The trouble with automated persuasion

- Automated decisions: Displacement of responsibility
- Personalized targeting: Reduction of diversity
- Opaque procedures: Limitation to reflexivity

- The transmission paradigm comes back with a vengeance fear of overt persuasion whilst constantly subject to covert persuasion
- 'The closing of the rhetorical mind'

Re-charging deliberation with controversy? Controversy Circulation Intensification

Controversy mapping

- What is the concern being raised? And who articulates it?
- Who articulates what positions?
- How does the controversy unfold?
- (How) is the issue resolved?

HOW DO ALGORITHMS MAKE THE NEWS?

6K named entities extracted from 34K Danish news media articles about algorithms, machine learning, and artificial intelligence.

The entities are mapped as a co-word network where each node is an entity (a word or expression) and an edge signifies co-occurrence in the same articles. Only the 100K edges with highest Pointwise Mutual Information are kept in the visualization.

tantlab





Made in the TANT Lab for the Algorithms, Data & Democracy project by Mathieu Jacomy, Torben Eigaard Jensen, Anders Kristian Munk, and Snorre Raiund. Data provided by Infomedia.

Controversial encounters

- What is the problem that this algorithm solves?
- Why does this problem need to be solved?
- How does the algorithm solve it?
- What are the benefits of the solution? And does it have any drawbacks?



Thank you!

And stay in touch:

https://ruc.dk/en/researchcentre/centre-digital-citizenship

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