

# AYBUKE ATALAY

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## EDUCATION

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<b>PhD in Politics</b> , The University of Edinburgh	2020 - 2024
Thesis Title: The Digital Logic of Political Survival in Hybrid Regimes: Bots and Computational Propaganda in the Turkish Twittersphere	
Supervisors: Dr Kate Wright, Dr Ugur Ozdemir, Dr Jean-Francois Daoust	
<b>MSc in International Relations</b> , The University of Edinburgh	2018 - 2019
<b>BA in Political Science and International Relations</b> , Bogazici University	2013 - 2018

## RESEARCH INTERESTS

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Political Propaganda, Misinformation, Computational Methods, Digital Democracy

## PUBLICATIONS

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Seckin, O. C., **Atalay, A.**, Otenen, E., Duygu, U., & Varol, O. (2024). "Mechanisms Driving Online Vaccine Debate During the COVID-19 Pandemic." *Social Media + Society*, 10(1). <https://doi.org/10.1177/20563051241229657>

## WORKING PAPERS & RESEARCH IN PROGRESS

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**Role Tolerance in NATO: Turkey's Unique Position in the Ukraine-Russia War** (working paper, abstract accepted for a Special Issue on Role Theory and the War on Ukraine, to be submitted to *Foreign Policy Analysis*)  
with Yusuf Topaloglu

**Bot Ecologies in a Competitive Authoritarian Regime** (working paper)

**The Role of Political Elite Positionality in Misinformation** (working paper)  
with Ricardo Ribeira Ferrara

**Measuring Attention to Politics Online with Clone Social Media Environments** (research in progress)  
with Christopher Barrie and Alia ElKattan

**Music Streaming as Global Cultural Diffusion** (research in progress)  
with Tod Van Gunten

## RESEARCH AND TEACHING EXPERIENCE

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### Research Assistant

Analysis of the Minutes of UK Science Advisory Committees During the COVID-19 Pandemic using Topic Modelling [line manager: Nathan Coombs], 2023. *Responsibilities included data collection, pre-processing, and analysis using LDA topic modelling.*

Capturing News, Capturing Democracy: Trump and the Voice of America [line manager: Kate Wright], 2023. *Contributed to data collection, pre-processing, social network analysis, and bot detection for critical insights in Chapter 4.*

### Teaching Assistant

Computational Text Analysis (2022, 2024), Controversies in the Data Society (2021, 2022, 2024), Summer Institute in Computational Social Science - Edinburgh (2023), Social Network Research (2023), Analysing Social Networks with Statistics (2023), Statistical Modelling in Social Sciences (2022, 2023), Introduction to Political Data Analysis (2022), Theories of International Relations (2022), Politics and International Relations 1A (2022)

## Guest Lecturer

‘Politics and Information in the Digital Era’, *Internet, Society and Economy*, The University of Edinburgh, (2023, 2024)

‘Covid-19 Vaccine Perception and Misinformation Online’, *Controversies in the Data Society Public Seminar Series*, The University of Edinburgh, (2022)

‘Tracking Computational Propaganda on Twitter’, *Research Skills in the Social Sciences: Data Collection*, The University of Edinburgh, (2022)

Technologies of Liberation? Social Movements in the Era of Social Media’, *Internet and Society*, The University of Edinburgh, (2021)

‘Computational Propaganda’, *Internet and Society*, The University of Edinburgh, (2021)

## OUTREACH

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Social Data Science Hub, The University of Edinburgh, **Research Coordinator**, 2023-2024

Summer Institute in Computational Social Science (SICSS Edinburgh), **Co-Organiser**, 2023

## AWARDS

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**Highly Commended for Best Data Visualisation**, Digital Research Prizes, *Centre for Data, Culture & Society*, The University of Edinburgh, 2023 [Award received with Tod Van Gunten for our animated plot titled ‘Global Diffusion of Songs on Spotify’]

**Long-Listed for Tutor of the Year**, EUSA Teaching Awards, *Edinburgh University Students’ Association*, The University of Edinburgh, 2021

## SKILLS

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<b>Programming</b>	R, Python, JavaScript, CSS, HTML
<b>Software</b>	Gephi, Stata, Ucinet
<b>Languages</b>	English, Turkish

## REVIEWER

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PLOS One, Social Media + Society, Online Social Networks and Media, Journal of Medical Internet Research

## OTHER CONTACT

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