

Filippo Andrei

Expertise

Computational Social Science: Proficient in applying computational methods to social science research, including text analysis (e.g., topic modeling, text mining, sentiment analysis) and generalized additive models. Online crime, modalities of social influence in the online context and the interplay of trust and crime.

Education

PhD in Sociology and Social Research

November 2019 - march 2024

University of Trento, Trento, Italy

Project title: "Modalities of Social Influence within Darknet Market"

M.A Communication and I.C.T

April 2018

University of Turin

Thesis title: "Trust and cooperation in cryptomarket for illegal drugs."

Grade 110/110 with Honor

Bachelor's degree in Sociology and Social Policy

December 2014

University of Florence

Thesis title: "From the online community to the economy of platforms."

Grade 110/110 with Honor

Work Experience

Postdoctoral Researcher

March 2024-March 2025

University of Trento, Trento, Italy, Department of Sociology and Social Research

The ALGOLIT project aims at exploring the socio-cognitive determinants of algorithmic literacy and its consequences on individual cognition and behaviour in digital environments to develop concepts and measurements that are empirically testable.

Assistant researcher

June 2018-October 2019

University of Turin/ Elbi International Spa, Turin, Italy

The position involved the design and implementation of a survey focused on assessing the well-being of workers and their propensity to adapt to technological advances in a factory.

Junior researcher

June 2016 - November 2016

Eclettica, Turin, Italy

The research activities centered on analyzing the dark web forum community, specifically examining how users represented illegal drugs within this context.

Market researcher

February 2015 - August 2015

Chamber of commerce of Athens, Athens, Greece

Conducting market analysis to support Greek businesses in increasing trade with Italy.

Summer and Winter School

- **Computational Summer School on Modeling Social and Collective Behavior** *July 2023*
Centre for the Advanced Study of Collective Behavior, Konstanz, Germany.
- **Summer Institute in Computational Social Science** *July 2022*
Nova School of Business and Economics, Carcavelos, Portugal.
- **Summer course in Data Science: Introduction to Text Mining with R** *July 2021*
University of Utrecht, Netherlands.
- **Winter course in Causal Inference and Experiments** *February 2021*
GESIS – Leibniz-Institut für Sozialwissenschaften in Mannheim, Germany.

Methodological Skills

- Proficient in utilizing **Generalized Additive Models (GAM)** to uncover nonlinear relationships within data that follow non-normal distributions.
- Skilled in designing and conducting **Discrete Choice Experiment (DCE)**.
- Experienced in utilizing digital methods, including **social media scraping techniques**, to extract valuable insights from vast online datasets.
- Specialized in **quantitative text analysis** techniques such as **Latent Dirichlet Allocation (LDA)** and **sentiment analysis**.

Publications

Journal Articles

Title: Status spill-over in cryptomarket for illegal goods

Status: In press, accepted on June 4, 2024

Journal: Social Science Computer review,

Authors: Andrei, F, Veltri, V.

Title: Social Influence in Darknet Market: The Impact of Product Descriptions on Cocaine Sales

Journal: International Journal of Drug Policy, 2024

Andrei, F., Veltri, G. A.

This study explores the social dynamics that promote social order in a darknet market, focusing on the impact of item descriptions on sales. In particular, the study examines how text contained in product listings can influence sales and contribute to social order.

Title: Trust Intermediary in a Cryptomarket for Illegal Drugs

Journal: European Sociological Review, 2023

Andrei, F., et al.

The paper contributes to understanding the effect of a trust intermediary in the drugs market by investigating how the intermediation of dark-net platforms affects sales in a dark web-market.

Title: Engaging the body, appropriating a corporate wellness programme

Journal: Qualitative Research in Organizations and Management: An International Journal, 2022

Bruni, E. A., Andrei, F., & Tirabeni, L.

The paper analyses the role of human support in digitised industrial environments and emphasises the interaction between people and technology for workers' well-being, rather than relying only on technology.

Title: Fra corpi e dispositivi: processi di digitalizzazione e benessere dei lavoratori nella Quarta Rivoluzione Industriale.

Journal: Sociologia del Lavoro, 2020

Bruni, E. A., Andrei, F., & Tirabeni, L.

The paper analyzes the role of human support in digitized industrial settings, emphasizing the interaction between people and technology for worker well-being.

Working Papers

Title: Signalling strategies and opportunistic behaviour: insights from dark-net markets.

Journal: PLOSE ONE

Status: Revise and Resubmit

Authors: Andrei, F, Veltri, V.

Title: Social Norm Nudges Increase Preference for Legal Cannabis Products

Status: Submitted

Authors: Andrei, F, Veltri, V.

Title: Social representation of fentanyl on the darknet market offer

Status: Working paper

Authors: Andrei, F.

Presentations and Conferences

Seminars by Invitations

- **Title:** "Status Spill-Over in Cryptomarket for Illegal Goods"
Host: Department of Information Policy and Governance, Faculty of Media & Knowledge Sciences, University of Malta.(2023)
- **Title:** "Cognitive Style and Norms Compliance in Purchasing Illegal and Legal Products on Online Markets"
Host: Department of Cognitive Science, University of Malta (2023)
- **Title:** "The Mechanism of Cooperation in Cryptomarket for Illegal Drugs"
Host: Institute of Sociology, University of Bern, Switzerland (2018)

Conference Presentations

2024

- **Conference:** 31st Nordic Sociological Association Conference
Title: "Signalling strategies and opportunistic behaviour: insights from dark-net markets"
Venue: Linköping University (campus Norrköping).

2022

- **Conference:** Annual meeting of Society for the Advancement of Socioeconomics
Title: "Status Spill-Over in Cryptomarket for Illegal Goods"
Venue: University of Amsterdam – Amsterdam, Netherlands.
- **Conference:** 14th Annual Conference of the International Network of Analytical Sociologists (INAS)

Title: "Status Spill-Over in Cryptomarket for Illegal Goods"

Venue: Department of Political and Social Sciences, European University Institute, Florence, Italy.

2020

- **Conference:** Annual Meeting of Italian Society of Economic Sociology (SISEC)
Title: "Order with Some Law: Institutions Moderate the Effects of Reputation in a Cryptomarket for Illegal Drugs"

2019

- **Conference:** 18th International Conference on Social Dilemmas (with Davide Barrera)
Title: "Order with Some Law: Institutions Moderate the Effects of Reputation in a Cryptomarket for Illegal Drugs"

Teaching Experience

2024

- **Class on Digital Methods for Social Science within "Models of Interaction and Social Network Analysis"**, University of Turin, (taught by Davide Barrera)

2022

- **Class on Digital Methods for Social Science within "Models of Interaction and Social Network Analysis"**, University of Turin, (taught by Davide Barrera)
- **Teaching Assistant, "Laboratory Designing Organizational Wellness 4.0"**, University of Milano Bicocca

2021

- **Class on Digital Methods for Social Science within "Models of Interaction and Social Network Analysis"**, University of Turin, (taught by Davide Barrera)

2020

- **Class on Digital Methods for Social Science within "Models of Interaction and Social Network Analysis"**, University of Turin, (taught by Davide Barrera)

2018

- **Teaching Assistant, Course in Organization and Social Skills for Industry 4.0**, Polytechnic of Turin, (taught by Lia Tirabeni)
- **Class on Digital Methods for Social Science within "Models of Interaction and Social Network Analysis"**, (taught by Davide Barrera)

Other Activity

Italian Delegate in Eurodoc

2023-Ongoing

Eurodoc represents and advocates for PhD students and early career researchers in European institutions. The organization focuses on improving research standards, organizing events, and participating in policy discussions at the European level.

Review activity for:

2022/2024

Sociological Science

Obesity Facts

The International journal on drug policy

Social forces

Awards and Honors

Prize for the best graduate in sociology and social policy.

Academic Year 2014/2015

The prize is awarded by the University of Florence.

Acconsento alla pubblicazione del mio CV in ottemperanza alle disposizioni di legge dettate in materia di trasparenza (D.Lgs 33/2013).

August 16, 2024, Trento

Filippo Andrei