

Tomáš Diviák PhD

Curriculum vitae | Senior Lecturer in Criminology | The University of Manchester

tomas.diviak@manchester.ac.uk | <https://tomasdiviak.com>

Research profile

Researcher in criminology and social network analysis, specialising in criminal networks, statistical models for relational data, higher-order interactions, network disruption and resilience, and the translation of advanced network methods into applied research. Experienced in interdisciplinary collaboration and in research with policing, government and practitioner partners.

Academic appointments

2024-present Senior Lecturer, Department of Criminology, The University of Manchester

2020-2024 Presidential Fellow, Department of Criminology, The University of Manchester

2019-2020 Research Associate, DISSINET project, Masaryk University

2016-2020 Doctoral researcher, University of Groningen and Charles University

2016-2017 Researcher, Institute for Criminology and Social Prevention, Czech Ministry of Justice

Education

2020 PhD, Sociology, University of Groningen and Charles University (double degree). Thesis: Criminal Networks: Actors, Mechanisms, and Structures.

Selected research funding

2024-2027 | Co-investigator Facilitating Crimes for Financial Gains: Understanding the Dynamics of the Online Market for Shell Companies. Social Sciences and Humanities Research Council of Canada, CAD 199,130 (approximately £115,716).

2024-2026 | Co-investigator Gender Inequalities: The Role of Social Networks in Gendered Interactions and Social Structures. Economic and Social Research Council, £298,461.

2024 | Co-investigator Modern Slavery and Human Trafficking Independent Review. Greater Manchester Combined Authority, £50,000.

2023-2024 | Principal investigator Understanding the Dynamics of Criminal Networks: Application of Statistical Network Models to Criminal Network Data. British Academy/Leverhulme Trust, £9,820.

2023 | Principal investigator Collecting and Analysing Corruption Network Data in the Netherlands. School of Social Sciences, The University of Manchester, £1,910.

2021-2022 | Principal investigator Conspiracy to Corrupt: Extraction and Analysis of Bribery Network Data from Deferred Prosecution Agreements. Manchester Statistical Society, £4,370.

Selected publications

Criminal networks and network models

- Diviák, T.** & Lerner, J. (2026). Introduction to Using Relational Hyperevent Models to Study Criminal Networks. *Global Crime*.
<https://doi.org/10.1080/17440572.2026.2689945>
- Diviák, T.**, Paternoster, C., Lerner, J. & Calderoni, F. (under review). Exploring the Dynamic Interplay between Communication and Co-offending Using Relational Hyperevent Data on an Italian Mafia Network. *Trends in Organised Crime*.
- Van Deuren, S., **Diviák, T.** & Blokland, A. (2025). Co-offending among outlaw motorcycle gang members: The role of social and geographical proximity. *Journal of Criminal Justice*, 96, 102340.
- Diviák, T.** & Lerner, J. (2025). Understanding the Mechanisms that Drive Relational Events Dynamics in Corruption Networks. *Journal of Quantitative Criminology*.
- Diviák, T.** (2023). Structural resilience and recovery of a criminal network after disruption: A simulation study. *Journal of Experimental Criminology*.
- Diviák, T.** & Lord, N. (2023). From text to ties: Extraction of corruption network data from deferred prosecution agreements. *Data & Policy*, 5, e4.
- Diviák, T.** & Lord, N. (2022). Tainted ties: The structure and dynamics of corruption networks extracted from deferred prosecution agreements. *EPJ Data Science*, 11, 7.
- Diviák, T.**, van Nassau, C. S., Dijkstra, J. K. & Snijders, T. A. B. (2022). Dynamics and disruption: Structural and individual changes in two Dutch Jihadi networks after police interventions. *Social Networks*, 70, 364-374.
- Diviák, T.**, Dijkstra, J. K., van der Wijk, F., Oosting, I. & Wolters, G. (2021). Women trafficking networks: Structure and stages of women trafficking in five Dutch small-scale networks. *European Journal of Criminology*.
- Coutinho, J., **Diviák, T.**, Bright, D. A. & Koskinen, J. (2020). Multilevel determinants of collaboration between organised criminal groups. *Social Networks*.
- Diviák, T.** (2019). Key aspects of covert networks data collection: Problems, challenges, and opportunities. *Social Networks*.
- Diviák, T.**, Dijkstra, J. K. & Snijders, T. A. B. (2018). Structure, multiplexity, and centrality in a corruption network: The Czech Rath affair. *Trends in Organized Crime*.

Books and chapters

- Diviák, T. (2021). *Kriminální sítě: Aktéři, mechanismy a struktury [Criminal Networks: Actors, Mechanisms, and Structures]*. Karolinum.
- Diviák, T. & Krause, R. W. (accepted). Using statistical models for social network data to model structure and dynamics of criminal networks. In *Handbook of Network Criminology*.
- Breuer, N. & Diviák, T. (accepted). Open-Source Data for Investigating Organized Crime Networks. In *Handbook of Open-Source Research in Criminology and Criminal Justice*.
- Diviák, T. & Lord, N. (2024). Connecting the Corrupt: Data Sources to Study Organisational and White-Collar Crime Networks in the United Kingdom. In *Crime Data Handbook*. Bristol University Press.

Research impact and external collaboration

- *Greater Manchester modern slavery and human trafficking partnerships* (2025): designed and conducted a network study for Greater Manchester Combined Authority, mapping collaboration between organisations supporting victims and informing recommendations on collaboration and resource sharing.
- *Criminal justice and policing partners*: research and knowledge-exchange experience with the Metropolitan Police, Police Unit North Netherlands, the Netherlands Ministry of Justice and Security, the Czech Board of Customs, and the Czech Ministry of Interior.
- *Practitioner engagement*: invited presentations or training for The Investigator, the Czech Board of Customs, the Netherlands Research and Documentation Centre, the Czech Ministry of Interior, and the Czech Police Academy.
- *Evidence-to-policy research beyond criminology*: led or supported applied network and simulation research informing refugee integration and pandemic-related school policy in the Czech Republic.

Methods and research capabilities

- Social network and criminal network analysis; higher-order and relational hyperevent models; longitudinal and statistical network models; centrality, cohesion, community structure, disruption and resilience.
- Collection and analysis of sensitive, covert and open-source relational data; extraction of network data from legal and documentary sources; reproducible analysis in R.
- Experience with co-offending, communication, corruption, terrorism, trafficking, organised crime and online illicit-market data.

Selected indicators of academic standing

2024-present Editor for criminology, Network Science

2024 Guest editor, Global Crime special issue on criminal groups and networks

2023-2024 Editorial board member and guest editor, Humanities and Social Sciences Communications

Peer review PNAS Nexus, Social Networks, Criminology, Journal of Business Ethics, International Journal of Drug Policy, Journal of Criminal Justice, Global Crime and Network Science; reviewer for Czech research funding agencies.

Awards Miloslav Petrusek Award for an outstanding doctoral paper (2018); Edvard Beneš Award for best diploma thesis in Czech sociology (2016).

Selected invited talks and research visits

Invited talks European Crime Analysis Conference (2026); Simon Fraser University (2025); Transcrime, Catholic University of Milan (2024); European Society of Criminology working group on Organised Crime and Criminal Networks (2024); keynote, 50th anniversary conference of the Netherlands Research and Documentation Centre (2023).

Research visits Stockholm University (2025); Simon Fraser University (2025); Transcrime, Catholic University of Milan (2024); Netherlands Institute for the Study of Crime and Law Enforcement and Vrije Universiteit Amsterdam (2023); Netherlands Research and Documentation Centre (2018-2019).

Teaching supervision and professional service

Selected contributions include postgraduate teaching in crime and networks, network analysis and statistical network models; doctoral co-supervision in crime, victimisation and network analysis; board membership of the European Society of Criminology Working Group on Organised Crime and Criminal Networks; and co-founding the Czech Network for Social Network Analysis.