





# Samuel Langton

Postdoc researcher

## Curriculum Vitae

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## Education

- 2016-2020 **PhD Criminology**  
Manchester Metropolitan University, Manchester, UK.
- 2014-2016 **MSc Sociology and Social Research**  
Utrecht University, Utrecht, Netherlands.
- 2009-2012 **BSc Social Policy with Government**  
London School of Economics, London, UK.

## Research employment

- 2021-now **Postdoc Researcher**  
Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands.
- 2020-2021 **Research Fellow**  
University of Leeds, Leeds, UK.
- 2019-2020 **Research Associate**  
Manchester Metropolitan University, Manchester, UK.
- 2017-2018 **Research Assistant (part-time)**  
Manchester Metropolitan University, Manchester, UK.

## Visiting positions

- 2020-now **Visiting Research Fellow**  
Policy Evaluation and Research Unit, Manchester Metropolitan University, Manchester, UK.

## Peer-reviewed journal articles

If you do not have free access to any of these articles, please email me and I will send you a copy.

1. Langton, S., Ruiter, S., & Verlaan, T. (2022). Describing the scale and composition of calls for police service: A replication and extension using open data. *Police Practice and Research*.
2. Langton, S., Bannister, J., Ellison, M., Haleem, M. S., & Krzemieniewska-Nandwani, K. (2021). Policing and mental ill-health: Using big data to assess the scale and severity of, and the frontline resources committed to, mental ill-health-related calls-for-service. *Policing: A Journal of Policy and Practice*, 15(3), 1963–1976.
3. Langton, S., & Solymosi, R. (2021). Cartograms, hexograms and regular grids: Minimising misrepresentation in spatial data visualisations. *Environment and Planning B: Urban Analytics and City Science*, 48(2), 348–357.
4. Langton, S., Dixon, A., & Farrell, G. (2021). Small area variation in crime effects of COVID-19 policies in England and Wales. *Journal of Criminal Justice*, 75, 101830.
5. Langton, S., Dixon, A., & Farrell, G. (2021). Six months in: pandemic crime trends in England and Wales. *Crime Science*, 10(1), 1–16.
6. Buil-Gil, D., Moretti, A., & Langton, S. (2021). The accuracy of crime statistics: Assessing the impact of police data bias on geographic crime analysis. *Journal of Experimental Criminology*, 1–27.
7. Adepeju, M., Langton, S., & Bannister, J. (2021). Anchored k-medoids: A novel adaptation of k-medoids further refined to measure long-term instability in the exposure to crime. *Journal of Computational Social Science*, 4(2), 655–680.
8. Adepeju, M., Langton, S., & Bannister, J. (2020). Akmedoids R package for generating directionally-homogeneous clusters of longitudinal data sets. *Journal of Open Source Software*, 5(56), 2379–2379.
9. Langton, S., & Steenbeek, W. (2017). Residential burglary target selection: An analysis at the property-level using Google Street View. *Applied Geography*, 86, 292–299.

## Books & book chapters

1. Verlaan, T., & Langton, S. (2023). On the use of inferential statistics on administrative police data. In L. Huey & D. Buil-Gil (Eds.), *The crime data handbook*. Bristol: Policy Press.

2. Langton, S., & Solymosi, R. (2023). Open street map for crime and place. In E. Groff & C. Haberman (Eds.), *Understanding crime and place: A methods handbook*. Temple University Press.
3. Wooditch, A., Johnson, N. J., Solymosi, R., Medina, J. J., & Langton, S. (2021). *A Beginner's Guide to Statistics for Criminology and Criminal Justice Using R*. Springer.
4. Buil-Gil, D., & Langton, S. (2020). GIS and geovisual analysis. In P. Atkinson, S. Delamont, A. Cernat, J. W. Sakshaug, & R. A. Williams (Eds.), *SAGE research methods foundations*. Sage Publications Ltd.

## Preregistrations

1. Langton, S., & Ruiter, S. (2023). *The spatio-temporal relationship between bars and violence*. <https://osf.io/ex7ga>.
2. Langton, S., Verlaan, T., & Ruiter, S. (2022). *Scale and composition of emergency reactive police demand in Amsterdam, Netherlands*. <https://osf.io/qgww6/>.
3. Langton, S., Ruiter, S., & Schoonmade, L. (2021). *Protocol – A systematic scoping review on the spatial and temporal patterning of emergency demand for police services*. <https://osf.io/qwr3/>.

## Other publications

1. Farrell, G., Langton, S., & Dixon, A. (2020). *Six months in: Pandemic crime trends in England and Wales to August 2020*. <https://policinginsight.com/features/analysis/six-months-in-pandemic-crime-trends-in-england-and-wales-to-august-2020/>.
2. Langton, S. (2020). *Crime and Anti-social behaviour in Greater London*. [https://covid19-crime.com/wp-content/uploads/sites/92/2020/07/COVIDCrimeStatsBulletin\\_3\\_Langton\\_GtrLondonCrime-3.pdf](https://covid19-crime.com/wp-content/uploads/sites/92/2020/07/COVIDCrimeStatsBulletin_3_Langton_GtrLondonCrime-3.pdf).
3. Langton, S. (2020). *Lockdown crime trends: Why antisocial behaviour is up*. <https://theconversation.com/lockdown-crime-trends-why-antisocial-behaviour-is-up-140479>.
4. Langton, S. (2019). *Even the most beautiful maps can be misleading*. <https://theconversation.com/even-the-most-beautiful-maps-can-be-misleading-126474>.
5. Langton, S. (2017). *When crime drops, the demands on the police don't necessarily fall*. <https://theconversation.com/when-crime-drops-the-demands-on-the-police-dont-necessarily-fall-79288>.

## Presentations

2023	<b>The spatio-temporal relationship between bars and violence</b> Environmental Criminology and Crime Analysis, Stockholm, Sweden.
2022	<b>Demand for emergency police services in the Netherlands</b> Environmental Criminology and Crime Analysis, Harrogate, UK.
2022	<b>Demand for emergency (police) services in the Netherlands using open data</b> Nederlandse Vereniging voor Criminologie, Leiden, Netherlands.
2021	<b>Police demand and supply in the Netherlands: an evidence-based approach of police deployment</b> Onderzoek bij, voor en door de Politie (online).
2021	<b>Demand for emergency (police) services in the Netherlands using open data</b> European Society of Criminology conference (online).
2021	<b>Open Science for Crime and Open Science for Crime and Policing Research</b> University of Manchester seminar on bias in police records (online).
2020	<b>Six Months In: Pandemic Crime Trends in England and Wales</b> COVID-19 and crime research seminar, hosted by University of Leeds and University College London (online).
2019	<b>Demonstrating the theoretical and empirical distinctions between offenders and crimes</b> European Society of Criminology conference, Ghent, Belgium.
2019	<b>Improving interpretation through cartograms, hexagrams and regular grids</b> GISRUK annual proceedings, Newcastle, UK.
2019	<b>Offender residential concentrations: a longitudinal study in the United Kingdom</b> European Society of Criminology conference, Sarajevo, Bosnia and Herzegovina.
2018	<b>Rapid change in ethnic composition – part of a wider Brexit picture?</b> GISRUK annual proceedings, Leicester, UK.
2017	<b>Neighbourhood trajectories: a longitudinal study of offender residence concentrations</b> European Society of Criminology conference, Cardiff, UK.
2016	<b>Residential burglary target selection: an analysis at the property-level using Google Street View</b> Postgrad session at Spatial Behaviour and Crime symposium, Royal Netherlands Academy of Sciences, Amsterdam, Netherlands.

## Invited presentations

- 2023 **Demand for police in the Netherlands**  
The Hague regional police force, the Netherlands.
- 2022 **How decisions about spatial data visualisation affect map legibility**  
Ministry of Defence, UK (online).
- 2019 **The geography of offender housing in Birmingham**  
West Midlands Police HQ, Birmingham, UK.
- 2019 **Visualising geographic information: examining methods of improving the thematic map**  
Quantitative Spatial Science Group, School of Geographical Sciences, University of Bristol, UK.
- 2019 **Visualising and explaining small area offender trajectories in Birmingham, England**  
Centre for Criminology and Criminal Justice, University of Manchester, Manchester, UK.
- 2019 **Visualising geographic information: examining methods of improving the thematic map**  
Open Data Manchester, Manchester, UK.

## Teaching

- 2021-now **Instructor and co-organiser, internal R workshops & Data Carpentry sessions**  
Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands.
- 2020 **Lead instructor, A gentle introduction to QGIS**  
Open Data Manchester webinar series (online).
- 2020 **Lead instructor, Introduction to QGIS**  
Cathie Marsh Institute for Social Research, University of Manchester, Manchester, UK.
- 2020 **Lead instructor, Data visualisation in R using crime data**  
UK Data Service and Cathie Marsh Institute for Social Research, University of Manchester, Manchester, UK.
- 2019 **Lead instructor, R for police forces**  
West Midlands Police HQ, Birmingham, UK.
- 2019 **Instructor and co-organiser, Intro to R for criminologists**  
European Society of Criminology conference, Ghent, Belgium.
- 2018-2020 **Co-instructor, Getting started in R: an introduction to data analysis and visualisation**  
Methods@Manchester Summer School, University of Manchester, Manchester, UK.
- 2019 **Instructor, Introduction to cluster analysis using R**  
Cathie Marsh Institute for Social Research, University of Manchester, Manchester, UK.
- 2018 **Instructor qualification**  
Data and Software Carpentry
- 2018 **Lead instructor, Introduction to R**  
Researcher Development Programme for Postgrads and Staff, Manchester Metropolitan University, Manchester, UK.

## Supervision

- 2023-now **Natascha de Leeuw doctoral thesis (caretaker), Van aangifte tot opheldering en vervolging**  
Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands.
- 2021-now **Tim Verlaan doctoral thesis, Demand and supply for policing in the Netherlands**  
Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands.
- 2022-2023 **Aisling Connolly research internship, Temporal analysis of risky facilities and police demand**  
Netherlands Institute for the Study of Crime and Law Enforcement, Amsterdam, Netherlands.

## Reviewer

Peer-reviewed papers for *European Journal of Criminology*, *Crime Science*, *Police Practice and Research*, *Applied Geography*, *Environment and Planning B: Urban Analytics and City Science*, *Urban Design International*, *Journal of Housing and the Built Environment* and the UK Home Office.

## Other employment

- 2017-2019 **Freelance data analyst and author**  
Policing Insight website (remote).
- 2015-2016 **Teaching and student assistant**  
Department of Sociology, Utrecht University, Utrecht, Netherlands
- 2012-2014 **Insolvency administrator and trainee accountant**  
Accura Accountants, London, UK.

### **Software experience**

R/RStudio, QGIS, Atlas.ti, GeoDa.

### **Languages**

English (native), Dutch (B1-).

### **Other interests**

Running, outdoor swimming, freediving, playing bass guitar and learning piano.