





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/qgwwv6/>.
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.
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	The spatio-temporal relationship between bars and violence Environmental Criminology and Crime Analysis, Stockholm, Sweden.
2022	Demand for emergency police services in the Netherlands Environmental Criminology and Crime Analysis, Harrogate, UK.
2022	Demand for emergency (police) services in the Netherlands using open data Nederlandse Vereniging voor Criminologie, Leiden, Netherlands.
2021	Police demand and supply in the Netherlands: an evidence-based approach of police deployment Onderzoek bij, voor en door de Politie (online).
2021	Demand for emergency (police) services in the Netherlands using open data European Society of Criminology conference (online).
2021	Open Science for Crime and Open Science for Crime and Policing Research University of Manchester seminar on bias in police records (online).
2020	Six Months In: Pandemic Crime Trends in England and Wales COVID-19 and crime research seminar, hosted by University of Leeds and University College London (online).
2019	Demonstrating the theoretical and empirical distinctions between offenders and crimes European Society of Criminology conference, Ghent, Belgium.
2019	Improving interpretation through cartograms, hexagrams and regular grids GISRUUK annual proceedings, Newcastle, UK.
2019	Offender residential concentrations: a longitudinal study in the United Kingdom European Society of Criminology conference, Sarajevo, Bosnia and Herzegovina.
2018	Rapid change in ethnic composition – part of a wider Brexit picture? GISRUUK annual proceedings, Leicester, UK.
2017	Neighbourhood trajectories: a longitudinal study of offender residence concentrations European Society of Criminology conference, Cardiff, UK.
2016	Residential burglary target selection: an analysis at the property-level using Google Street View 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), Demand and supply for policing in the Netherlands**
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.