# Samuel Langton
Postdoc researcher

🏠 www.samlangton.info
✉ slangton@nscr.nl
🐦 @sh_langton
⦿ langtonhugh

**Curriculum Vitae**
July 2022

## Education

| | | |
|---|---|---|
| 2016-2020 | **PhD Sociology** | 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. |
| 2016-2018 | **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. Langton, S., & Solymosi, R. (2023). *Open street map for crime and place*. Accepted for publication in 'The study of crime; place: A methods handbook', Temple University Press. Pre-print available: https://osf.io/a96y7/

2. 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.

3. 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., & Schoonmade, L. (2021). *Protocol – A systematic scoping review on the spatial and temporal patterning of emergency demand for police services*. https://osf.io/qwrb3/.

2. Langton, S., Verlaan, T., & Ruiter, S. (2022). *Scale and composition of emergency reactive police demand in Amsterdam, Netherlands*. https://osf.io/qgwv6/.

## 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

| | |
|---|---|
| 2022 | **Demand for emergency (police) services in the Netherlands using open data**<br>Nederlandse Vereniging voor Criminologie, Leiden, Netherlands. |
| 2022 | **Demand for emergency police services in the Netherlands**<br>Environmental Criminology and Crime Analysis, Harrogate, UK. |
| 2021 | **Police demand and supply in the Netherlands: an evidence-based approach of police deployment**<br>Onderzoek bij, voor en door de Politie (online). |
| 2021 | **Demand for emergency (police) services in the Netherlands using open data**<br>European Society of Criminology conference (online). |
| 2021 | **Open Science for Crime and Open Science for Crime and Policing Research**<br>University of Manchester (online). |
| 2020 | **Six Months In: Pandemic Crime Trends in England and Wales**<br>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**<br>European Society of Criminology conference, Ghent, Belgium. |
| 2019 | **Improving interpretation through cartograms, hexograms and regular grids**<br>GISRUK annual proceedings, Newcastle, UK. |
| 2019 | **Offender residential concentrations: a longitudinal study in the United Kingdom**<br>European Society of Criminology conference, Sarajevo, Bosnia and Herzegovina. |
| 2018 | **Rapid change in ethnic composition – part of a wider Brexit picture?**<br>GISRUK annual proceedings, Leicester, UK. |
| 2017 | **Neighbourhood trajectories: a longitudinal study of offender residence concentrations**<br>European Society of Criminology conference, Cardiff, UK. |
| 2016 | **Residential burglary target selection: an analysis at the property-level using Google Street View**<br>Postgrad session at Spatial Behaviour and Crime symposium, Royal Netherlands Academy of Sciences, Amsterdam, Netherlands. |

## Invited presentations

| | |
|---|---|
| 2022 | **How decisions about spatial data visualisation affect map legibility**<br>Ministry of Defence, UK (online). |
| 2019 | **The geography of offender housing in Birmingham**<br>West Midlands Police HQ, Birmingham, UK. |
| 2019 | **Visualising geographic information: examining methods of improving the thematic map**<br>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, NSC-R workshop series** |
|------|------|
| | 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

| 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-now | **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

Journal article reviewer for *Crime Science, Police Practice and Research, Applied Geography, Environment and Planning B: Urban Analytics and City Science, Urban Design International*, and *Journal of Housing and the Built Environment*.

## 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, GeoDa, Atlas.ti.

## Other interests

Cycling, jogging, outdoor swimming, freediving, playing bass guitar and learning piano.