

## **Krisztián Pósch**

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### **EDUCATION**

#### **PhD Social Research Methods (Statistics), London School of Economics, Pass (without corrections) 2014-2018**

- Examiners: Darrick Jolliffe (University of Greenwich), David Kirk (University of Oxford)
- Applied advanced statistical methods (with special focus on causal mediation analysis with multiple mediators) and investigated the causal pathways of procedural justice policing, including procedural justice's mediating role towards police legitimacy, police legitimacy's mediating role towards willingness to cooperate with the police, and the psychological drivers of police legitimacy

#### **MSc Social Research Methods (Statistics), London School of Economics, Distinction 2012-2013**

- Specialised in Statistics, with key courses in Applied Regression Analysis, Multivariate Analysis, Survey Methodology and Causal Inference for Experimental and Observational Studies
- Examined the interaction between motivational postures and procedural justice as a dissertation

#### **MA Psychology, Eötvös Loránd University, Summa Cum Laude ("excellent") Diploma 2010-2012**

- Specialised in Social and Organisational Psychology, with key courses in Methods and History of Social Issues Research, Intergroup Relations, Public Opinion and Social Communication and Introduction to Political Psychology
- Law and Psychology MA Specialisation, Illyés Sándor College for Advanced Education, Summa Cum Laude ("excellent") Diploma

#### **BA Psychology, Eötvös Loránd University, Cum Laude ("good") Diploma 2007-2010**

- Key courses in Social Psychology, Personality Psychology, Introduction to Organization and Work Psychology and Research Methodology
- Motivated Society BA Specialisation, Illyés Sándor College for Advanced Education, Summa Cum Laude ("excellent") Diploma

### **RESEARCH EXPERIENCE**

#### **Postdoctoral Research Fellow, London School of Economics 10/2018-ongoing until 09/2019**

- Participated in the writing of the conceptual, quantitative methods, and administrative sections of the successful research proposal for the ESRC project titled "From coercion to consent: social identity, legitimacy and the process model of police procedural justice"
- Carried out the planning and pre-registration (including the outline of the planned analysis) of the experimental designs, after consultation with the other project members
- Took the role of first point of contact for the organisations involved in the project

#### **Researcher, "Labour Market Enforcement Scale and Nature of Non-Compliance" project 10/2018-05/2019**

- Drafted the methodological section of the successful proposal with Ben Bradford, with special focus on sampling and sample size, and questionnaire design
- Collaborated with officials at the Labour Market Enforcement service to devise a respondent-driven sampling strategy that might allow us to make representative claims regarding labour market non-compliance in the biggest industries of urban centres across the UK

**Consultant, “Police use of force: A study on public perceptions and cases seen by the IPCC” project, Institute for Criminal Policy Research** **08-09/2015**

- Reorganised and made analysable uses of force datasets collected by the IPCC
- Performed various statistical techniques (including sequence analysis, latent class analysis, and latent trait analysis) to determine uses of force patterns emerging in the period of 2009-2014 in the UK
- Established primary predictors of police uses of force relying on multivariate regression models

**Consultant, “Evidence-based policing” project, Institute for Criminal Policy Research,** **11/2014**

- Contributed to the methodological appendix of the report on the ICPR report on “Evidence-based policing”
- Authored the “ICPR Guide on Deriving Scales” with code and detailed instructions on how to carry out and interpret exploratory and confirmatory factor analyses and the corresponding goodness-of-fit statistics

**Research assistant, TÁRKI Social Science Institute (Research)** **09/2013-08/2014**

- Scrutinised the formation of social class, political cleavages and value systems (World Values Survey) in Hungary
- Designed data visualization tools for Europe-wide research projects (Google API, Kartograph)

**Affiliated Staff, Political Capital (Policy Research and Consulting)** **10/2010-05/2012**

- Analysed European-wide data (especially ESS), forecasted political events and economic hazards, researched policy solutions, statistically reconsidered the DEREK (Demand for Radical Extremism)-index
- Cooperated with academic and non-academic agents (NGOs, think tanks etc.) in research and social policy
- Conducted research on representative survey samples from Hungary

## **TEACHING EXPERIENCE**

**Graduate Teaching Assistant, London School of Economics** **10/2014-present**

- Took part in redesigning and lecturing a postgraduate course (Causal Inference in Experimental and Observational Studies) by introducing new topics, updating the slides to reflect the most recent developments in the field, and providing new example datasets, code, and tasks
- Lectured undergraduate and postgraduate classes in methodology and statistics:
  - Statistics in Society
  - Introduction to Quantitative Analysis
  - Intermediate Quantitative Analysis
  - Applied Regression Analysis
  - Causal Inference in Experimental and Observational Studies
  - Multivariate Analysis and Measurement
  - Survey Methodology
- Gained more than 200 hours of experience as a primary, and more than 300 hours of experience as a secondary teacher, for seminars in classroom and computer class settings
- Acquired training in providing personal and written feedback to students and in marking written examinations in the fields of research methods and statistics for undergraduate and postgraduate students

**Class Teacher, Methods Summer Programme, London School of Economics** **08/2016-08/2017**

- Contributed to the lecture and seminar teaching, and assisted with the course outline, of a two-week summer programme of Survey Research Methods: From Design to Analysis
- Provided feedback for survey-related individual projects on questionnaire and sampling design, and analysis of complex survey data

**Part-time lecturer, Eötvös Loránd University** **01/2011-09/2012, 09/2013-06/2014**

- Taught BA courses in Applied Statistics (Beginner & Advanced Level) and Introduction to Research Methods, as teaching assistant for the MA course Cross-cultural research methods and Advanced Methodology
- Oversaw several BA Dissertation Research Proposals
- Strengthened my analytical and rhetorical skills through teaching my peer students

## **AWARDS AND RECOGNITIONS**

Santander Scholarship to the Center for Causal Inference, Department of Biostatistics, Epidemiology, & Informatics, at the University of Pennsylvania (two months, £2,000) **03/2017-05/2017**

LSE PhD Studentship Scholarship (from 63 awards, £18,000/year) **10/2014-10/2018**

Campus Hungary Visiting Student Researcher Scholarship to the Institute for Criminal Policy Research, Birkbeck University (two months, £1,600) **04/2014-05/2014**

Pro Scientia Medal in the Field of Psychology (biennial award of the Hungarian Academy of Sciences for the “best young scientists on their own field”, awarded based on the whole academic career) **2013**

1<sup>st</sup> place in Social Psychology (National Conference of Scientific Students’ Association) with Special Prize of the Society of Pro Scientia Medalists’ (Contributed to his/her scientific field the most – from 280 applications) **2013**

Scholarship of the Republic of Hungary (top 0.8%) **2011-2012**

1<sup>st</sup> place in Social Psychology (National Conference of Scientific Students’ Association) **2011**

3<sup>rd</sup> place in Applied Psychology (National Conference of Scientific Students’ Association) **2011**

Qualified for the countrywide final round of the Lajos Kardos psychology competition **2010**

## **ORGANISATIONAL AND ADMINISTRATIVE EXPERIENCE**

**Organiser, Quantitative Methods Reading Group, London School of Economics** **2017-present**

- Set up the Reading Group, a fortnightly meeting of PhD students to discuss newly published academic works on quantitative methods
- Handled the Reading Group’s newsletter, providing updates regarding upcoming meetings and news alert regarding other quantitative events and potential articles of interest
- Updated the webpage of said Reading Group with relevant information, was responsible for advertising the meetings across the different departments of the university

**Lecturer, Free University for High School Students** **2010-present**

- Founded and organised the Free University to provide free/discount education and career advice for students in need
- Managed to secure financial support for the Free University for the first three years of its work
- Engaged in teaching high school students on the topics of Social Psychology, Applied Psychology, Individual Differences, Political Analysis, Statistics etc.

## LANGUAGES, PROGRAMMING, AND IT SKILLS & KNOWLEDGE

- Hungarian: native speaker, English: excellent, German: intermediate
- Advanced knowledge of SPSS, STATA, MPlus, R, JAGS, and Stan statistical software

## SCIENTIFIC PUBLICATIONS

- Krisztián Pósch, Jonathan Jackson, Ben Bradford, Sarah MacQueen (in preparation). “Truly Free Consent”? Clarifying the Nature of Police Legitimacy Using Causal Mediation Analysis
- Krisztián Pósch, Mike Hough (in preparation). What drives ‘subjective punitivity’, culture, or individual factors? – Findings from the European Social Survey. Available: [osf.io/f324t](https://osf.io/f324t)
- Krisztián Pósch (under review). “It’s nice to be empowered” – An experimental assessment of psychological drivers of police legitimacy. *Criminology*. Available: [osf.io/3ujb5/](https://osf.io/3ujb5/)
- Krisztián Pósch (under review). Compliance with the law for traditional and “grey” crimes – A seven country comparison. *European Journal of Criminology*. Available: [osf.io/948c2](https://osf.io/948c2)
- Krisztián Pósch (accepted manuscript). Testing Complex Social Theories with Causal Mediation Analysis and G-computation – Towards The Right Way to Do Causal Structural Equation Modelling. *Sociological Methods & Research* Available: [osf.io/d2hn3](https://osf.io/d2hn3)
- Krisztián Pósch (2018). Prying Open the Black Box of Causality – A Causal Mediation Analysis Test of Procedural Justice Policing. *Law Society and Economy Working Paper, an updated version is under review at the Journal of Quantitative Criminology*. Available: [osf.io/u8kxs](https://osf.io/u8kxs)

## SELECTED SCIENTIFIC CONFERENCES

- Krisztián Pósch (2018). Compliance with the Law for Traditional and Grey Crimes: A Seven-Country Comparison. *18<sup>th</sup> Annual Conference of the European Society of Criminology, University of Sarajevo*, 31<sup>st</sup> August.
- Krisztián Pósch (2017). Discerning Power from Power – Personal Sense of Power, Power Distance, and the Legitimacy of the Police. *International Conference on Trust in Justice, University of Minho*, 22<sup>nd</sup> September.
- Krisztián Pósch (2017). Prying Open the Black Box of Causality – A Causal Mediation Analysis Test of Procedural Justice Policing. *17<sup>th</sup> Annual Conference of the European Society of Criminology, Cardiff University*, 16<sup>th</sup> September.
- Krisztián Pósch (2016). An Application of Causal Mediation Analysis on the Theory of Procedural Justice and the Legitimacy of the Police. *72<sup>nd</sup> Annual Meeting of the American Society of Criminology, New Orleans*, 18<sup>th</sup> November.
- Krisztián Pósch, Mike Hough (2015). What Drives Punitivity? – Structure, Culture, or Individual Factors. *15<sup>th</sup> Annual Conference of the European Society of Criminology, University of Porto*, 3<sup>rd</sup> September.

## REFERENCES

### **Jonathan Jackson**

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### **Jouni Kuha**

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### **Ben Bradford**

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