

## **Krisztián Pósch**

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### **EDUCATION**

#### **PhD Social Research Methods (Statistics), London School of Economics** **10/2014-present**

- Applied advanced statistical methods (with special focus on causal mediation analysis with multiple mediators) and investigates 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 Organizational 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

### **TEACHING EXPERIENCE**

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

- Lectured undergraduate and postgraduate classes in methodology and statistics (Introduction to Quantitative Analysis, Intermediate Quantitative Analysis, Applied Regression Analysis, Causal Inference in Experimental and Observational Studies, Multivariate Analysis and Measurement, Statistics in Society, 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-present**

- 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

## RESEARCH EXPERIENCE

**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

## 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

## LANGUAGES, PROGRAMMING, AND IT SKILLS & KNOWLEDGE

- Hungarian: native speaker, English: excellent, German: intermediate
- Advanced knowledge of SPSS, STATA, MPlus, and R statistical software
- Advanced knowledge of Gephi Network Analysis, JAGS, and Stan software
- Advanced knowledge of Microsoft Office (MS Word, Excel, Powerpoint)

## 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.

### Chairman of the General Assembly, Illyés Sándor College for Advanced Education 2008-2009, 2010-2011

- Gained insight on how a professional institution works while receiving constant feedback on my strengths and weaknesses, and adapted accordingly
- Became a team-player over the years. I realised that I enjoy and prefer to work on team projects in research

## SCIENTIFIC PUBLICATIONS

- Jonathan Jackson, Krisztián Pósch, Ben Bradford, Sarah MacQueen, Mike Hough (in preparation). Clarifying the Role of "Truly Free Consent": On the Distinction Between Consensual and Coerced Obligation in the Context of Police Legitimacy
- Krisztián Pósch (under review). Testing Complex Social Theories with Causal Mediation Analysis and G-computation – The Right Way to Do Causal Structural Equation Modelling. *Sociological Methods & Research* Available: [osf.io/d2hn3](https://osf.io/d2hn3)
- 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, Mike Hough (under review). What drives 'subjective punitivity', culture, or individual factors? – Findings from the European Social Survey. *British Journal of Criminology*. Available: [osf.io/f324t](https://osf.io/f324t)
- 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, under review at the Journal of Quantitative Criminology*. Available: [osf.io/u8kxs](https://osf.io/u8kxs)

## SELECTED SCIENTIFIC CONFERENCES

- 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 (2017). Testing Complex Theories with Causal Mediation Analysis – The Significance of Assumptions and Identification. *5<sup>th</sup> PhD Methodology Conference London Centre for Social Studies, University of Westminster, 15<sup>th</sup> June*.
- 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*.
- Krisztián Pósch (2014, Poster). Motivational Postures, Social Distancing, and Policing. *15<sup>th</sup> Biennial Conference of the International Society for Justice Research, New York University, 21<sup>st</sup> June*.