

# Josiah King

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## EMPLOYMENT

### RESEARCH FELLOW IN ADMINISTRATIVE DATA | School of Law, University of Edinburgh

APRIL 2019 — PRESENT

Working with administrative data to better understand crime in Scotland, as part of the Scottish Centre for Administrative Data Research (SCADR).

### ASSISTANT STATISTICIAN | Justice Analytical Services | Scottish Government

NOV 2018 — APRIL 2019

Statistical analysis; Data visualisation; Preparing statistical outputs and publications.

### RESEARCH ASSISTANT | Dr Hannah Rohde | University of Edinburgh

NOV 2017 — MARCH 2019

Designing, building, running and analysis of various experiments in psycholinguistics. Development/Validation of online mouse-tracking software.

### TUTOR | Statistics, R, Python | University of Edinburgh Psychology Dept.

SEPT 2015 — APRIL 2019

- Undergraduate courses in statistics and R, from the basics up to multiple regression, ANOVA, factor analysis.
- Postgraduate courses in statistics and R, focusing on multi-level modelling, factor analysis, and SEM.
- Undergraduate introductory python course. Topics covered include: Sequences, Lists, Functions, Booleans, Decision structures, Loops, Simulations.
- First year undergraduate psychology: introduction to the main areas of contemporary scientific psychology.

### SGSSS INTERNSHIP | Justice Analytical Services | Scottish Government

MAY 2018 — AUG 2018

- Developed the use of R in data management, analysis and dissemination of Scottish Crime and Justice Survey.
- Developed interactive web app to disseminate Police Division breakdowns of the Scottish Crime & Justice Survey data: <https://scotland.shinyapps.io/sg-scottish-crime-justice-survey/>.

## EDUCATION

### PHD PSYCHOLOGY | University of Edinburgh

2015 — 2019

Supervisors: Prof Martin Corley, Dr Hannah Rhode

- Studying non-verbal behaviour in communication, with a focus on the roles of gestures and speech disfluency as markers of a) speech difficulty and b) deception.

### MSC COGNITION IN SCIENCE & SOCIETY, DISTINCTION | University of Edinburgh

2014 — 2015

Supervisors: Dr Adam Moore, Dr Hannah Rohde, Prof Martin Corley

- MSc Programme combining the study of human cognition with the application of cognitive science to broader societal concerns.

### MA (HONS) PHILOSOPHY, FIRST CLASS | University of Edinburgh

2010 — 2014

Supervisor: Dr Mark Sprevak

## OUTPUTS

**Many Labs 5: Registered Replication Report of Crosby, Monin & Richardson (2008)**

Rabagliati, H; Corley, M; Dering, B; Hancock, P; King, J; Levitan, C; Loy, J; Millen, A.

In Press

OSF project page

**DasGuptR**

R package for decomposition and standardisation of crude rates <http://github.com/josiahpjking/DasGuptR>

Accompanying Understanding Inequalities blog (<http://bit.ly/UIBlog8>)

**Gestures do semantic work**

King, J; Rohde, H; Corley, M.

Talk (presented by M. Corley) at AMLaP Asia 2018.

**Contextual effects on online pragmatic inferences of deception**

King, J; Loy, J; Corley, M.

Discourse Processes, 08.09.2017, p. 1–13.

## SCHOLARSHIPS & AWARDS

**2015 — 2018**

Principal's Career Development PhD Scholarship | University of Edinburgh

**2015**

PPLS Highly Commended Dissertation Award | University of Edinburgh

**2014 — 2015**

UK/EU Masters Scholarship | University of Edinburgh

**2014**

Skirving Prize | University of Edinburgh

**2013**

James MacFarlane Prize | University of Edinburgh

**2012**

Simon Gray Prize | University of Edinburgh

## SKILLS

### PROGRAMMING & METHODS

Languages:

R • Python • Bash •  $\text{\LaTeX}$  • Git • HTML • CSS

Experimental Software/Methods:

Eye-tracking (SR, EyeTribe, Tobii, SMI) •

Mouse-tracking • OpenSesame • OpenCV • Praat

• ELAN • DMDX

### DATA/STATISTICS

General:

Wrangling/Munging • Modelling & Interpreting •

Visualising

**Specific competencies:**

Multi-level Modelling • Time-Series • Non-linear

models • Large scale surveys • Interactive

visualisations

## PERSONAL

Josiah has been based in and around Edinburgh since 2010. In his spare time he can usually be found rock climbing, up a mountain, making things out of wood, or playing music.

## LINKS

Github://[josiahpjking](https://github.com/josiahpjking)

OSF.io/fehty://[josiahking](https://osf.io/fehty/)