

# Dr Eoin Travers

{ Data Cognitive  
Neuro Behavioural } Science

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I'm a psychologist and data scientist. I know how humans think, and I know how to build statistical models that make sense of messy, human data, and over the years I've applied these skills to answer questions in academia and business.

## Skills

**Methods** Psychometric Modelling • Bayesian Methods • Statistical and Computational Modelling • Machine Learning • Data Insights

**Research** Mental Health • Decision-Making • Inference • Action • Neuroscience (EEG & fMRI) • Metacognition • Consciousness • Reinforcement Learning

**Code** Python • R • Stan • SQL • Full stack web • DevOps

**Communicate** Cross-functional, Agile work • Public Outreach (incl. BBC, Tate, & Cheltenham Science Festival) • Lecturing & Supervision (UCL) • Workshops & Consultancy (Statistical Modelling, R, & Online Research)

## Experience

Jan 2020 **Unmind Ltd** / *Measurement Research Scientist*

→ Now Using psychometric modelling to validate and improve the measures of mental wellbeing used on the Unmind mental health platform. Working with Product and Client Success teams to put measurement at the heart of what we do at Unmind.

Mar 2020 **Institute of Cognitive Neuroscience, UCL** / *Postdoctoral researcher*

→ Dec 2020 Building web-based games and interfaces, and psychometric and computational models to study how mental health symptoms affect how the brain processes information.

July 2017 **Institute of Cognitive Neuroscience, UCL** / *Postdoctoral researcher*

→ Feb 2020 Studying the neural basis of self-initiated actions, using EEG and computational modelling.

Jan 2016 **Institute of Philosophy, University of London** / *Postdoctoral researcher*  
→ June 2017 Exploring the role of conscious and metacognitive awareness in judgement and perceptual decision-making.

Sept 2012 **School of Psychology, Queen's University Belfast** / *PhD Psychology*  
→ Dec 2015 Developing behavioural measures of conflict during reasoning.

## **Education**

2009-2012 **BSc Psychology, Queen's University Belfast** / First class honours

2012-2015 **PhD Psychology, Queen's University Belfast**

## **More Information**

Full CV and publications can all be found at **[EoinTravers.com](http://EoinTravers.com)**