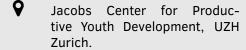


JustinChumbley Ph.D Statistician

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About me —

I am an applied statistician with a broad background in behavioral and biological sciences. I develop experiments and the statistical tools to analyze them. I help my collaborators clarify and solve interdisciplinary problems involving probabilistic and causal inference.

Statistical research expertise

- I love applying and developing methods to learn more from data.
- I consult on research strategy, design and statistical analysis of human functional genomics, functional neuroimaging and behavioral studies.
- I develop new statistical tools & communicate them to non-statisticians.
- I supervise a research team studying goals, motivation & behavior change.
- Other empirical work examines environmental effects on immune health.
- For more detail and other projects, please visit the website.

Skills

- Inference: Bayesian & frequentist statistics; causality (following Rubin, Pearl and Robins); experimental design; probabilistic machine learning; spacial and time-series data: some statistical signal processing and control theory.
- Data science: R; matlab; python; SQL; docker; bash; open source.
- Collaboration: I lead some multidisciplinary projects, and consult on or coordinate others.
- Teaching: Supervise research technicians, undergraduate & postgraduate students; academic statistical consultancy; I teach statistical methods at various workshops at University College London, ETH and UZH Zurich, Edinburgh and Milan.

Employment

2016-	Zurich, Switzerland			elopment, UZH Zurich.
2014–2016	Senior Researc Zurich, Switzer		Dept. Biomedical Er	ngineering, ETH Zurich

2009–2014 Research Associate Dept. Economics, UZH Zurich Zurich, Switzerland

Education

	London. London, U.K.	
2005–2006	MRes Modeling Biocomplexity London. London, U.K.	Dept Mathematics, University College
2004-2005	MSc Statistics	Dept. Statistics, University College London.

2006-2009 PhD Biostatistics Welcome Trust Centre for Neuroimaging, University College

London, U.K.

2000–2001 MSc Neuroscience Dept. Biophysics, Imperial College School of Medicine. London, U.K.

1996–1999 BA Psychology Dept. Cognitive Science, University of Sussex. Brighton, UK.

Publications

Publication list at google scholar, or see some working projects on the website.

References

Prof. Dr. med. Klaas Enno Stephan, Ph.D., Scientific director, Translational Neuromodeling Unit (TNU), Institute for Biomedical Engineering University of Zurich and ETH Zurich, Zurich, Switzerland.

Prof. Ernst Fehr, Vice-Chairman of the Department of Economics, Director of the UBS International Center of Economics in Society, University of Zurich. Zurich, Switzerland

Prof. Karl Friston, Scientific director, Wellcome Trust Centre for Neuroimaging, University College London, London, U.K..