

James Tripp

B0.03, Centre for Interdisciplinary Methodologies, University of Warwick

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Experience

2019 - present	Senior Academic Technologist Centre for Interdisciplinary Methodologies	University of Warwick
2015 - 2019	Academic Technologist Centre for Interdisciplinary Methodologies	University of Warwick
2013 – 2016	Post-doctoral Research Fellow Department of Psychology	University of Warwick

Education

2013	Memory and Sampling in Contextual Judgment PhD Psychology COVENTRY, WEST MIDLANDS, UK	University of Warwick
2010	BSc(Hons) Psychology COVENTRY, WEST MIDLANDS, UK	University of Warwick

Research Software

Backfillz. New visual diagnostics for understanding Markov Chain Monte Carlo (MCMC) analysis.

McInerny, G and J, Tripp (Feb. 2019). *Backfillz: Visual Diagnostics for MCMC*.

<https://doi.org/10.5281/zenodo.2654549>.

LE-CAT. Lexicon-based Categorization and Analysis Tool. Allows scalable searching of a user generated lexicon against a text.

Marres, N and J Tripp (Jan. 2019). *Lexicon-based Categorization and Analysis Tool*.

<https://doi.org/10.5281/zenodo.2654549>.

Publications

Sanborn, A. N., Noguchi, T., Tripp, J., & Stewart, N. (2020). A dilution effect without dilution: When missing evidence, not non-diagnostic evidence, is judged inaccurately. *Cognition*, 196, 104110.

Tripp, J., & Brown, G. D. (2016). Being paid relatively well most of the time: Negatively skewed payments are more satisfying. *Memory & cognition*, 44(6), 966-973., Chicago.

Conference Talks /posters

Tripp, J. (2015). Normative some of the time. Presented at the annual meeting of the Mathematical Psychology Society, California, USA.

Tripp, J. (2014). Single or multiple strategies in conjunction and disjunction fallacies? Presented at Decision Making, Bristol, UK.

Tripp, J. (2011). The cost of recall: How do differing incentives influence encoding and retrieval processes. Presented at the 5th International Conference on Memory, York, UK.

Awards

2020	£5K Collaborator: COVID and the social life of testing w/ Marres, N., Gray, J., Bounegru., L 2020 UNIVERSITY OF WARWICK
2019	£305K Co-Investigator: What Aren't You Seeing? (WAYS) w/ G McInerny, N Thurlby, J Porto de Albuquerque, T Damoulis, F Ostman 2019-21

ALAN TURING INSTITUTE, STRATEGIC PRIORITIES FUN: TOOLS, PRACTICE AND SYSTEMS THEME

2018 £53K Co-Investigator: Visual Diagnostics for Markov Chain Monte Carlo – Backfillz.R w/ G McInerny 2018-19

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Research infrastructure maintained

- Configuration, management and administration of 10 Linux servers. Docker and LXC containers running on these servers deliver research software.
- Support for machines specialised in machine learning via SC RTP
- Configuration and maintenance of 14 Warwick Linux Team instances

Teaching Workshops

All the teaching below was to groups with both technical and non-technical expertise.

2020 – present	IM939: Data Science <i>Teaching data science methods within an interdisciplinary context</i>
2018 – 2019	IM931: Interdisciplinary Approaches to Machine Learning <i>Taught labs in Machine Learning labs using tensorflow</i>
2019	QSTEP Masterclass: SQL <i>One day workshop on the fundamentals of using Structured Query Language on a large dataset. https://github.com/jamestripp/qstep-sql</i>
2019	QSTEP Masterclass: Social Media Analysis <i>A one day workshop examining social media analysis</i> https://github.com/jamestripp/qstep-socialmedia
2017 – present	IM921: Visualisation <i>Support creating bespoke visualisations in R</i>
2017	QS903: Advanced Quantitative Research <i>Designed and delivered workshops on frequentist statistics.</i> https://github.com/jamestripp/qstep-workshops
2016 – present	IM904: Digital Objects, Digital Methods, <i>Design and deliver labs examining the collection, analysis and presentation of social media data to address research questions</i>
2016 – present	IM902: Approaches to the Digital <i>Create and teach digital methods from web art projects to empirical Digital Media Initiative methods using web-based data</i>
2016 – present	IM906: Dissertation <i>Supporting the empirical and technical work of MA and MSc students.</i>
2016 – present	IM913 Spatial Methods and Practice in Urban Science <i>Create and deliver workshops on spatial methods</i>
2016 – 2018	IM920: Digital Sociology <i>Labs working on empirical projects examining ‘Digital Sociology’.</i>

Supervision

- Line managed two academic technologists and a supporting PhD student.
- Supported Masters level cohorts of 80 students per year with technical work including digital methods, geospatial analysis, textual analysis and statistics.

Relevant skills

- Programming: R, Python, C++, JavaScript, QGIS, Postgres, PostGIS, MySQL
- Statistical experience: Non-linear modelling, frequentist and Bayesian analysis
- Online, crowd sourced and traditional psychology experiments
- Linux Administration: Ubuntu, CentOS