



Patrick Bissett

Senior Research Scientist

Psychology

Bio

ACADEMIC APPOINTMENTS

- Sr Research Scholar, Psychology

LINKS

- Personal Website: <http://bissettp.github.io>

Publications

PUBLICATIONS

- **Arbitrary stimuli are not devalued by stopping action: A registered replication of Wessel et al. (2014).** *Journal of experimental psychology. General*
Bissett, P. G., Achyutuni, K. G., Li, J. K., Jones, H. M., Shim, S., Rios, J. A., Bennett, L. J., Mitchell, M., Jackson, J., Bar Or, M., Roll, D., Meidan, N., Saliy-Grigoryan, et al
2025
- **Training With Gordon: Lessons Learned in Two Intersecting Scientific Journeys** *AMERICAN JOURNAL OF PSYCHOLOGY*
Bissett, P. G., Poldrack, R. A.
2025; 138 (2): 105-111
- **Frontostriatal salience network expands as executive networks contract in Obsessive-Compulsive Disorder.** *bioRxiv : the preprint server for biology*
Vaghi, M. M., Norgaard, M., Shim, S., Rios, J. A., Bissett, P. G., Rodriguez, C. I., Poldrack, R. A.
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- **An image-computable model of speeded decision-making.** *eLife*
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- **An image-computable model of speeded decision-making** *ELIFE*
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- **Quality assessment and control of unprocessed anatomical, functional, and diffusion MRI of the human brain using MRIQC.** *bioRxiv : the preprint server for biology*
Hagen, M. P., Provins, C., MacNicol, E., Li, J. K., Gomez, T., Garcia, M., Seeley, S. H., Legarreta, J. H., Norgaard, M., Bissett, P. G., Poldrack, R. A., Rokem, A., Esteban, et al
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- **The response time paradox in functional magnetic resonance imaging analyses.** *Nature human behaviour*
Mumford, J. A., Bissett, P. G., Jones, H. M., Shim, S., Rios, J. A., Poldrack, R. A.
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2023
- **Modelling human behaviour in cognitive tasks with latent dynamical systems.** *Nature human behaviour*
Jaffe, P. I., Poldrack, R. A., Schafer, R. J., Bissett, P. G.
2023
- **A dual-task approach to inform the taxonomy of inhibition-related processes.** *Journal of experimental psychology. Human perception and performance*
Bissett, P. G., Jones, H. M., Hagen, M. P., Bui, T. T., Li, J. K., Rios, J. A., Mumford, J. A., Shine, J. M., Poldrack, R. A.
2022
- **Precision Functional Mapping in Obsessive-Compulsive Disorder Using Dense Sampling Scanning**
Vaghi, M., Shim, S., Rios, J., Bissett, P., Mukunda, P., Rodriguez, C., Poldrack, R.
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- **Precision Functional Mapping in Obsessive-Compulsive Disorder Using Dense Sampling Scanning**
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- **Estimating the Time to Do Nothing: Toward Next-Generation Models of Response Inhibition** *CURRENT DIRECTIONS IN PSYCHOLOGICAL SCIENCE*
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- **Predicting brain activation maps for arbitrary tasks with cognitive encoding models.** *NeuroImage*
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- **Momentary Influences on Self-Regulation in Two Populations With Health Risk Behaviors: Adults Who Smoke and Adults Who Are Overweight and Have Binge-Eating Disorder.** *Frontiers in digital health*
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- **Point of View: Open Exploration.** *eLife*
Thompson, W. H., Wright, J., Bissett, P. G.
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- **Reply to Friedman and Banich: Right measures for the research question.** *Proceedings of the National Academy of Sciences of the United States of America*
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- **Uncovering the structure of self-regulation through data-driven ontology discovery.** *Nature communications*
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- **A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task** *ELIFE*
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- **The Dynamics of Functional Brain Networks: Integrated Network States during Cognitive Task Performance.** *Neuron*
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- **The Experiment Factory: Standardizing Behavioral Experiments** *FRONTIERS IN PSYCHOLOGY*
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