

Stanford



Patrick Bissett

Senior Research Scientist
Psychology

Bio

ACADEMIC APPOINTMENTS

- Sr Research Scholar, Psychology

LINKS

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

Publications

PUBLICATIONS

- **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.
2023
- **Cognitive tasks, anatomical MRI, and functional MRI data evaluating the construct of self-regulation.** *bioRxiv : the preprint server for biology*
Bissett, P. G., Eisenberg, I. W., Shim, S., Rios, J. A., Jones, H. M., Hagen, M. P., Enkavi, A. Z., Li, J. K., Mumford, J. A., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A.
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*
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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.
SPRINGERNATURE.2022: 303-304
- **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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- **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*
Walters, J., King, M., Bissett, P. G., Ivry, R. B., Diedrichsen, J., Poldrack, R. A.

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- **Relating psychiatric symptoms and self-regulation during the COVID-19 crisis.** *Translational psychiatry*
Vaghi, M. M., Hagen, M. P., Jones, H. M., Mumford, J. A., Bissett, P. G., Poldrack, R. A.
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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*
Scherer, E. A., Metcalf, S. A., Whicker, C. L., Bartels, S. M., Grabinski, M., Kim, S. J., Sweeney, M. A., Lemley, S. M., Lavoie, H., Xie, H., Bissett, P. G., Dallery, J., Kiernan, et al
2022; 4: 798895
- **The cognitive and perceptual correlates of ideological attitudes: a data-driven approach.** *Philosophical transactions of the Royal Society of London. Series B, Biological sciences*
Zmigrod, L., Eisenberg, I. W., Bissett, P. G., Robbins, T. W., Poldrack, R. A.
2021; 376 (1822): 20200424
- **Severe violations of independence in response inhibition tasks.** *Science advances*
Bissett, P. G., Jones, H. M., Poldrack, R. A., Logan, G. D.
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- **Design issues and solutions for stop-signal data from the Adolescent Brain Cognitive Development [ABCD] study.** *eLife*
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- **Dataset decay and the problem of sequential analyses on open datasets.** *eLife*
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- **Correlation Database of 60 Cross-Disciplinary Surveys and Cognitive Tasks Assessing Self-Regulation.** *Journal of personality assessment*
Mazza, G. L., Smyth, H. L., Bissett, P. G., Canning, J. R., Eisenberg, I. W., Enkavi, A. Z., Gonzalez, O., Kim, S. J., Metcalf, S. A., Muniz, F., Pelham, W. E., Scherer, E. A., Valente, et al
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- **Point of View: Open Exploration.** *eLife*
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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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2018; 101: 46-57
- **Dopaminergic medication shifts the balance between going and stopping in Parkinson's disease** *NEUROPSYCHOLOGIA*
Wylie, S. A., van Wouwe, N. C., Godfrey, S. G., Bissett, P. G., Logan, G. D., Kanoff, K. E., Claassen, D. O., Neimat, J. S., van den Wildenberg, W. M.
2018; 109: 262–69
 - **Resisting distraction and response inhibition trigger similar enhancements of future performance.** *Acta psychologica*
Bissett, P. G., Grant, L. D., Weissman, D. H.
2017; 180: 40-51
 - **Identifying Stimuli That Cue Multiple Responses Triggers the Congruency Sequence Effect Independent of Response Conflict** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-HUMAN PERCEPTION AND PERFORMANCE*
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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*
Sochat, V. V., Eisenberg, I. W., Enkavi, A. Z., Li, J., Bissett, P. G., Poldrack, R. A.
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- **Balancing Cognitive Demands: Control Adjustments in the Stop-Signal Paradigm** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-LEARNING MEMORY AND COGNITION*
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- **Dissociating Interference-Control Processes Between Memory and Response**
Bissett, P. G., Nee, D., Jonides, J.
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- **Nocodazole does not synchronize cells: implications for cell-cycle control and whole-culture synchronization** *CELL AND TISSUE RESEARCH*
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