

# Stanford

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## Russell Poldrack

Albert Ray Lang Professor of Psychology

Curriculum Vitae available Online

### Bio

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#### BIO

I grew up in a small town in Texas and attended Baylor University. After completing my PhD in experimental psychology at the University of Illinois in Urbana-Champaign, I spent four years as a postdoc at Stanford. I have held faculty positions at Massachusetts General Hospital/Harvard Medical School, UCLA, and the University of Texas. I joined the Stanford faculty in 2014.

#### ACADEMIC APPOINTMENTS

- Professor, Psychology
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Associate Director, Stanford Data Science
- Faculty Director, Center for Open and Reproducible Science
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Associate Director, Stanford Data Science, (2020- present)
- Director, SDS Center for Open and Reproducible Science, (2020- present)

#### HONORS AND AWARDS

- Open Science Award, Organization for Human Brain Mapping (2022)
- Fellow, Organization for Human Brain Mapping (2021)
- Elected member, Society of Experimental Psychologists (2018)
- Fellow, Psychonomics Society (2017)
- Fellow, Association for Psychological Science (2009)
- Distinguished Scientific Award for Early Career Contributions to Psychology, American Psychological Association (2005)
- Wiley Young Investigator Award, Organization for Human Brain Mapping (2005)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- External Advisory Board member, Adolescent Brain Cognitive Development (ABCD) Study (2017 - 2022)
- Board of Scientific Counselors Member, National Institute of Mental Health (2022 - present)
- Education Chair, Organization for Human Brain Mapping (2017 - 2018)

- Chair, External Advisory Board, Human Connectome Project (2011 - 2015)
- Chair, Organization for Human Brain Mapping (2009 - 2010)

## PROGRAM AFFILIATIONS

- Symbolic Systems Program

## LINKS

- Poldracklab web site: <https://poldracklab.stanford.edu>
- OpenNeuro: <https://openneuro.org>
- NeuroSynth: <http://neurosynth.org>
- NeuroVault: <http://neurovault.org>
- The Cognitive Atlas: <http://www.cognitiveatlas.org>
- MyConnectome: <http://myconnectome.org>
- Wikipedia: [https://en.wikipedia.org/wiki/Russell\\_Poldrack](https://en.wikipedia.org/wiki/Russell_Poldrack)

## Research & Scholarship

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### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our lab uses the tools of cognitive neuroscience to understand how decision making, executive control, and learning and memory are implemented in the human brain. We also develop neuroinformatics tools and resources to help researchers make better sense of data.

### CLINICAL TRIALS

- Applying Novel Technologies and Methods to Inform the Ontology of Self-Regulation: Binge Eating and Smoking, Not Recruiting
- Applying Novel Technologies and Methods to Self-Regulation: Behavior Change Tools for Smoking and Binge Eating, Not Recruiting

## Teaching

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### COURSES

#### 2023-24

- Cognitive Neuroscience: PSYCH 202 (Spr)
- Research Methods in Psychology: PSYCH 125 (Win)

#### 2022-23

- Cognitive Neuroscience: PSYCH 202 (Spr)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Psychology of the Climate Crisis: PSYCH 278 (Spr)

#### 2021-22

- Cognitive Neuroscience: PSYCH 202 (Aut)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)

#### 2020-21

- Advanced Statistical Modeling: PSYCH 253 (Spr)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Judgment and Decision-Making: PSYCH 154 (Spr)
- Neurosciences Cognitive Core: NEPR 207 (Spr)

## STANFORD ADVISEES

### Doctoral Dissertation Reader (AC)

Douglas Miller

### Postdoctoral Faculty Sponsor

Eric Bridgeford, Michael Demidenko, Elizabeth DuPre

### Doctoral Dissertation Advisor (AC)

Rastko Ciric, Grace Huckins, Christopher Minasi, Gustavo Santiago-Reyes, Anna Xu

### Doctoral (Program)

Lynde Folsom, Nastasia Klevak

### Postdoctoral Research Mentor

Anita Jwa

## GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Biomedical Informatics (Phd Program)
- Neurosciences (Phd Program)

## Publications

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### 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

- **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

- **Interpreting mental state decoding with deep learning models.** *Trends in cognitive sciences*

Thomas, A. W., Ré, C., Poldrack, R. A.  
2022; 26 (11): 972-986

- **The OpenNeuro resource for sharing of neuroscience data.** *eLife*

Markiewicz, C. J., Gorgolewski, K. J., Feingold, F., Blair, R., Halchenko, Y. O., Miller, E., Hardcastle, N., Wexler, J., Esteban, O., Goncavles, M., Jwa, A., Poldrack, R.  
2021; 10

- **Severe violations of independence in response inhibition tasks.** *Science advances*

Bissett, P. G., Jones, H. M., Poldrack, R. A., Logan, G. D.  
2021; 7 (12)

- **The physics of representation** *SYNTHESE*

Poldrack, R. A.  
2020

- **Variability in the analysis of a single neuroimaging dataset by many teams.** *Nature*

Botvinik-Nezer, R., Holzmeister, F., Camerer, C. F., Dreber, A., Huber, J., Johannesson, M., Kirchler, M., Iwanir, R., Mumford, J. A., Adcock, R. A., Avesani, P., Baczkowski, B. M., Bajracharya, et al  
2020; 582 (7810): 84-88

- **fMRIprep: a robust preprocessing pipeline for functional MRI.** *Nature methods*

- Esteban, O., Markiewicz, C. J., Blair, R. W., Moodie, C. A., Isik, A. I., Erramuzpe, A., Kent, J. D., Goncalves, M., DuPre, E., Snyder, M., Oya, H., Ghosh, S. S., Wright, et al  
2018
- **brainlife.io: a decentralized and open-source cloud platform to support neuroscience research.** *Nature methods*  
Hayashi, S., Caron, B. A., Heinsfeld, A. S., Vinci-Booher, S., McPherson, B., Bullock, D. N., Bertò, G., Niso, G., Hanekamp, S., Levitas, D., Ray, K., MacKenzie, A., Avesani, et al  
2024
  - **Impact of analytic decisions on test-retest reliability of individual and group estimates in functional magnetic resonance imaging: a multiverse analysis using the monetary incentive delay task.** *bioRxiv : the preprint server for biology*  
Demidenko, M. I., Mumford, J. A., Poldrack, R. A.  
2024
  - **Accelerating Medicines Partnership® Schizophrenia (AMP® SCZ): Rationale and Study Design of the Largest Global Prospective Cohort Study of Clinical High Risk for Psychosis.** *Schizophrenia bulletin*  
Wannan, C. M., Nelson, B., Addington, J., Allott, K., Anticevic, A., Arango, C., Baker, J. T., Bearden, C. E., Billah, T., Bouix, S., Broome, M. R., Buccilli, K., Cadenhead, et al  
2024
  - **A multi-sample evaluation of the measurement structure and function of the modified monetary incentive delay task in adolescents.** *Developmental cognitive neuroscience*  
Demidenko, M. I., Mumford, J. A., Ram, N., Poldrack, R. A.  
2023; 65: 101337
  - **Functional neuroimaging as a catalyst for integrated neuroscience.** *Nature*  
Finn, E. S., Poldrack, R. A., Shine, J. M.  
2023; 623 (7986): 263-273
  - **Data sharing in neuroimaging: experiences from the BIDS project.** *Nature reviews. Neuroscience*  
Ganz, M., Poldrack, R. A.  
2023
  - **A comparison of neuroelectrophysiology databases.** *Scientific data*  
Subash, P., Gray, A., Boswell, M., Cohen, S. L., Garner, R., Salehi, S., Fisher, C., Hobel, S., Ghosh, S., Halchenko, Y., Dichter, B., Poldrack, R. A., Markiewicz, et al  
2023; 10 (1): 719
  - **Controversies and progress on standardization of large-scale brain network nomenclature** *NETWORK NEUROSCIENCE*  
Uddin, L. Q., Betzel, R. F., Cohen, J. R., Damoiseaux, J. S., De Brigard, F., Eickhoff, S. B., Fornito, A., Gratton, C., Gordon, E. M., Laird, A. R., Larson-Prior, L., McIntosh, A., Nickerson, et al  
2023; 7 (3): 864-905
  - **Controversies and progress on standardization of large-scale brain network nomenclature.** *Network neuroscience (Cambridge, Mass.)*  
Uddin, L. Q., Betzel, R. F., Cohen, J. R., Damoiseaux, J. S., De Brigard, F., Eickhoff, S. B., Fornito, A., Gratton, C., Gordon, E. M., Laird, A. R., Larson-Prior, L., McIntosh, A. R., Nickerson, et al  
2023; 7 (3): 864-905
  - **Improving the Rigor of Mechanistic Behavioral Science: The Introduction of the Checklist for Investigating Mechanisms in Behavior-Change Research (CLIMBR).** *Behavior therapy*  
Birk, J. L., Otto, M. W., Cornelius, T., Poldrack, R. A., Edmondson, D.  
2023; 54 (4): 708-713
  - **Align with the NMIND consortium for better neuroimaging.** *Nature human behaviour*  
Kiar, G., Clucas, J., Feczko, E., Goncalves, M., Jarecka, D., Markiewicz, C. J., Halchenko, Y. O., Hermosillo, R., Li, X., Miranda-Dominguez, O., Ghosh, S., Poldrack, R. A., Satterthwaite, et al  
2023
  - **Benchmarking explanation methods for mental state decoding with deep learning models.** *NeuroImage*  
Thomas, A. W., Ré, C., Poldrack, R. A.  
2023: 120109

- **On the Long-term Archiving of Research Data.** *Neuroinformatics*  
Pernet, C., Svarer, C., Blair, R., Van Horn, J. D., Poldrack, R. A.  
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
- **TemplateFlow: FAIR-sharing of multi-scale, multi-species brain models.** *Nature methods*  
Ciric, R., Thompson, W. H., Lorenz, R., Goncalves, M., MacNicol, E. E., Markiewicz, C. J., Halchenko, Y. O., Ghosh, S. S., Gorgolewski, K. J., Poldrack, R. A., Esteban, O.  
2022; 19 (12): 1568-1571
- **Harnessing the multiverse of neuroimaging standard references** *NATURE METHODS*  
Esteban, O., Poldrack, R. A.  
2022; 19 (12): 1526-1527
- **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.  
SPRINGERNATURE.2022: 303-304
- **Estimating the Time to Do Nothing: Toward Next-Generation Models of Response Inhibition** *CURRENT DIRECTIONS IN PSYCHOLOGICAL SCIENCE*  
Bissett, P. G., Poldrack, R. A.  
2022
- **NEMAR: an open access data, tools and compute resource operating on neuroelectromagnetic data.** *Database : the journal of biological databases and curation*  
Delorme, A., Truong, D., Youn, C., Sivagnanam, S., Stirm, C., Yoshimoto, K., Poldrack, R. A., Majumdar, A., Makeig, S.  
2022; 2022
- **Can we have a second helping? A preregistered direct replication study on the neurobiological mechanisms underlying self-control.** *Human brain mapping*  
Scholz, C., Chan, H., Poldrack, R. A., de Ridder, D. T., Smidts, A., van der Laan, L. N.  
2022
- **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.  
2022: 119610
- **Neuroscout, a unified platform for generalizable andreproducible fMRI research.** *eLife*  
de la Vega, A., Rocca, R., Blair, R. W., Markiewicz, C. J., Mentch, J., Kent, J. D., Herholz, P., Ghosh, S. S., Poldrack, R. A., Yarkoni, T.  
2022; 11
- **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.  
2022; 12 (1): 271
- **Addressing privacy risk in neuroscience data: from data protection to harm prevention.** *Journal of law and the biosciences*  
Jwa, A. S., Poldrack, R. A.  
2022; 9 (2): lsac025
- **ASLPrep: a platform for processing of arterial spin labeled MRI and quantification of regional brain perfusion.** *Nature methods*  
Adebimpe, A., Bertolero, M., Dolui, S., Cieslak, M., Murtha, K., Baller, E. B., Boeve, B., Boxer, A., Butler, E. R., Cook, P., Colcombe, S., Covitz, S., Davatzikos, et al  
2022; 19 (6): 683-686
- **Survey on Open Science Practices in Functional Neuroimaging.** *NeuroImage*

Paret, C., Unverhau, N., Feingold, F., Poldrack, R. A., Stirner, M., Schmahl, C., Sicorello, M.  
2022; 119306

- **The spectrum of data sharing policies in neuroimaging data repositories.** *Human brain mapping*

Jwa, A. S., Poldrack, R. A.  
2022

- **Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data.** *Neuroinformatics*

Poline, J., Kennedy, D. N., Sommer, F. T., Ascoli, G. A., Van Essen, D. C., Ferguson, A. R., Grethe, J. S., Hawrylycz, M. J., Thompson, P. M., Poldrack, R. A., Ghosh, S. S., Keator, D. B., Athey, et al  
1800

- **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

- **Consensus-based guidance for conducting and reporting multi-analyst studies.** *eLife*

Aczel, B., Szaszi, B., Nilsonne, G., van den Akker, O. R., Albers, C. J., van Assen, M. A., Bastiaansen, J. A., Benjamin, D., Boehm, U., Botvinik-Nezer, R., Bringmann, L. F., Busch, N. A., Caruyer, et al  
2021; 10

- **The OpenNeuro resource for sharing of neuroscience data** *ELIFE*

Markiewicz, C. J., Gorgolewski, K. J., Feingold, F., Blair, R., Halchenko, Y. O., Miller, E., Hardcastle, N., Wexler, J., Esteban, O., Goncavles, M., Jwa, A., Poldrack, R.  
2021; 10

- **Reward learning and working memory: Effects of massed versus spaced training and post-learning delay period.** *Memory & cognition*

Wimmer, G. E., Poldrack, R. A.  
2021

- **Diving into the deep end: a personal reflection on the MyConnectome study** *CURRENT OPINION IN BEHAVIORAL SCIENCES*

Poldrack, R. A.  
2021; 40: 1-4

- **Identifying nootropic drug targets via large-scale cognitive GWAS and transcriptomics.** *Neuropsychopharmacology : official publication of the American College of Neuropsychopharmacology*

Lam, M., Chen, C., Ge, T., Xia, Y., Hill, D. W., Trampush, J. W., Yu, J., Knowles, E., Davies, G., Stahl, E. A., Huckins, L., Liewald, D. C., Djurovic, et al  
2021

- **Measurement in Intensive Longitudinal Data.** *Structural equation modeling : a multidisciplinary journal*

McNeish, D., Mackinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2021; 28 (5): 807-822

- **Measurement in Intensive Longitudinal Data** *STRUCTURAL EQUATION MODELING-A MULTIDISCIPLINARY JOURNAL*

McNeish, D., Mackinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2021

- **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

- **Design issues and solutions for stop-signal data from the Adolescent Brain Cognitive Development [ABCD] study.** *eLife*

Bissett, P. G., Hagen, M. P., Jones, H. M., Poldrack, R. A.  
2021; 10

- **A data-driven framework for mapping domains of human neurobiology** *Nature Neuroscience*

Beam, E., Potts, C., Poldrack, R. A., Etkin, A.  
2021

- **Centering inclusivity in the design of online conferences-An OHBM-Open Science perspective.** *GigaScience*  
Levitis, E., van Praag, C. D., Gau, R., Heunis, S., DuPre, E., Kiar, G., Bottenhorn, K. L., Glatard, T., Nikolaidis, A., Whitaker, K. J., Mancini, M., Niso, G., Afyouni, et al  
2021; 10 (8)
- **Searching for Imaging Biomarkers of Psychotic Dysconnectivity.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*  
Rodrigue, A. L., Mastrovito, D., Esteban, O., Durnez, J., Koenis, M. M., Janssen, R., Alexander-Bloch, A., Knowles, E. M., Mathias, S. R., Mollon, J., Pearson, G. D., Frangou, S., Blangero, et al  
2020
- **Sharing voxelwise neuroimaging results from rhesus monkeys and other species with Neurovault.** *NeuroImage*  
Fox, A. S., Holley, D., Klink, P. C., Arbuckle, S. A., Barnes, C. A., Diedrichsen, J., Kwok, S. C., Kyle, C., Pruszynski, J. A., Seidlitz, J., Zhou, X., Poldrack, R. A., Gorgolewski, et al  
2020; 225: 117518
- **Reflections on the past two decades of neuroscience.** *Nature reviews. Neuroscience*  
Bassett, D. S., Cullen, K. E., Eickhoff, S. B., Farah, M. J., Goda, Y., Haggard, P., Hu, H., Hurd, Y. L., Josselyn, S. A., Khakh, B. S., Knoblich, J. A., Poirazi, P., Poldrack, et al  
2020
- **Implications of the Lacking Relationship Between Cognitive Task and Self-report Measures for Psychiatry.** *Biological psychiatry. Cognitive neuroscience and neuroimaging*  
Enkavi, A. Z., Poldrack, R. A.  
2020
- **Analysis of task-based functional MRI data preprocessed with fMRIprep.** *Nature protocols*  
Esteban, O., Ceric, R., Finc, K., Blair, R. W., Markiewicz, C. J., Moodie, C. A., Kent, J. D., Goncalves, M., DuPre, E., Gomez, D. E., Ye, Z., Salo, T., Valabregue, et al  
2020
- **Dataset decay and the problem of sequential analyses on open datasets.** *eLife*  
Thompson, W. H., Wright, J., Bissett, P. G., Poldrack, R. A.  
2020; 9
- **Trauma in Affective and Nonaffective Psychosis: Associations and Dissociations With Cognitive Functioning in Childhood and Adulthood**  
Mollon, J., Mathias, S., Knowles, E., Rodrigue, A., Pearson, G., Barrett, J., Poldrack, R., Blangero, J., Glahn, D.  
ELSEVIER SCIENCE INC.2020: S458
- **Disambiguating the role of blood flow and global signal with partial information decomposition.** *NeuroImage*  
Colenbier, N., Van de Steen, F., Uddin, L. Q., Poldrack, R. A., Calhoun, V. D., Marinazzo, D.  
2020: 116699
- **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  
2020: 1–8
- **The human connectome project for disordered emotional states: Protocol and rationale for a research domain criteria study of brain connectivity in young adult anxiety and depression.** *NeuroImage*  
Tozzi, L., Staveland, B., Holt-Gosselin, B., Chesnut, M., Chang, S. E., Choi, D., Shiner, M. L., Wu, H., Lerma-Usabiaga, G., Sporns, O., Barch, D., Gotlib, I. H., Hastie, et al  
2020: 116715
- **Time-varying nodal measures with temporal community structure: A cautionary note to avoid misinterpretation.** *Human brain mapping*  
Thompson, W. H., Kastrati, G. n., Finc, K. n., Wright, J. n., Shine, J. M., Poldrack, R. A.  
2020
- **Effective Self-Management for Early Career Researchers in the Natural and Life Sciences.** *Neuron*  
Bielczyk, N. Z., Ando, A. n., Badhwar, A. n., Caldinelli, C. n., Gao, M. n., Haugg, A. n., Hernandez, L. M., Ito, K. L., Kessler, D. n., Lurie, D. n., Makary, M. M., Nikolaidis, A. n., Veldzman, et al  
2020; 106 (2): 212–17

- **Cognitive impairment from early to middle adulthood in patients with affective and nonaffective psychotic disorders** *PSYCHOLOGICAL MEDICINE*  
Mollon, J., Mathias, S. R., Knowles, E. M., Rodrigue, A., Koenis, M. G., Pearson, G. D., Reichenberg, A., Barrett, J., Denbow, D., Aberizk, K., Zatony, M., Poldrack, R. A., Blangero, et al  
2020; 50 (1): 48–57
- **Questions and controversies in the study of time-varying functional connectivity in resting fMRI.** *Network neuroscience (Cambridge, Mass.)*  
Lurie, D. J., Kessler, D., Bassett, D. S., Betzel, R. F., Breakspear, M., Kheilholz, S., Kucyi, A., Liegeois, R., Lindquist, M. A., McIntosh, A. R., Poldrack, R. A., Shine, J. M., Thompson, et al  
2020; 4 (1): 30–69
- **How Can Neuroscientists Respond to the Climate Emergency?** *Neuron*  
Aron, A. R., Ivy, R. B., Jeffery, K. J., Poldrack, R. A., Schmidt, R. n., Summerfield, C. n., Urai, A. E.  
2020; 106 (1): 17–20
- **Associations of cannabis use disorder with cognition, brain structure, and brain function in African Americans.** *Human brain mapping*  
Koenis, M. M., Durnez, J. n., Rodrigue, A. L., Mathias, S. R., Alexander-Bloch, A. F., Barrett, J. A., Doucet, G. E., Frangou, S. n., Knowles, E. E., Mollon, J. n., Denbow, D. n., Aberizk, K. n., Zatony, et al  
2020
- **NeuroQuery, comprehensive meta-analysis of human brain mapping.** *eLife*  
Dockès, J. n., Poldrack, R. A., Primet, R. n., Gözükhan, H. n., Yarkoni, T. n., Suchanek, F. n., Thirion, B. n., Varoquaux, G. n.  
2020; 9
- **A Psychometric Analysis of the Brief Self-Control Scale.** *Assessment*  
Manapat, P. D., Edwards, M. C., MacKinnon, D. P., Poldrack, R. A., Marsch, L. A.  
2019: 10731911119890021
- **Establishment of Best Practices for Evidence for Prediction: A Review.** *JAMA psychiatry*  
Poldrack, R. A., Huckins, G., Varoquaux, G.  
2019
- **Reply to Friedman and Banich: Right measures for the research question.** *Proceedings of the National Academy of Sciences of the United States of America*  
Enkavi, A. Z., Eisenberg, I. W., Bissett, P. G., Mazza, G. L., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A.  
2019
- **Advancing functional connectivity research from association to causation.** *Nature neuroscience*  
Reid, A. T., Headley, D. B., Mill, R. D., Sanchez-Romero, R., Uddin, L. Q., Marinazzo, D., Lurie, D. J., Valdes-Sosa, P. A., Hanson, S. J., Biswal, B. B., Calhoun, V., Poldrack, R. A., Cole, et al  
2019
- **The Low-Dimensional Neural Architecture of Cognitive Complexity Is Related to Activity in Medial Thalamic Nuclei.** *Neuron*  
Shine, J. M., Hearne, L. J., Breakspear, M., Hwang, K., Muller, E. J., Sporns, O., Poldrack, R. A., Mattingley, J. B., Cocchi, L.  
2019
- **Functional boundaries in the human cerebellum revealed by a multi-domain task battery.** *Nature neuroscience*  
King, M., Hernandez-Castillo, C. R., Poldrack, R. A., Ivy, R. B., Diedrichsen, J.  
2019
- **fMRI data of mixed gambles from the Neuroimaging Analysis Replication and Prediction Study.** *Scientific data*  
Botvinik-Nezer, R., Iwanir, R., Holzmeister, F., Huber, J., Johannesson, M., Kirchler, M., Dreber, A., Camerer, C. F., Poldrack, R. A., Schonberg, T.  
2019; 6 (1): 106
- **Somatosensory-Motor Dysconnectivity Spans Multiple Transdiagnostic Dimensions of Psychopathology.** *Biological psychiatry*  
Kebets, V., Holmes, A. J., Orban, C., Tang, S., Li, J., Sun, N., Kong, R., Poldrack, R. A., Yeo, B. T.  
2019
- **Human cognition involves the dynamic integration of neural activity and neuromodulatory systems (vol 22, pg 289, 2019) NATURE NEUROSCIENCE**  
Shine, J. M., Breakspear, M., Bell, P. T., Martens, K., Shine, R., Koyejo, O., Sporns, O., Poldrack, R. A.  
2019; 22 (6): 1036

- **Uncovering the structure of self-regulation through data-driven ontology discovery.** *Nature communications*  
Eisenberg, I. W., Bissett, P. G., Zeynep Enkavi, A., Li, J., MacKinnon, D. P., Marsch, L. A., Poldrack, R. A.  
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