

Stanford



Russell Poldrack

Albert Ray Lang Professor of Psychology and Professor, by courtesy, of Computer Science

 Curriculum Vitae available Online

Bio

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
- Professor (By courtesy), Computer Science
- Member, Bio-X
- Member, Stanford Neurosciences Institute

HONORS AND AWARDS

- 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

- Co-chair, Neuroinformatics 2017 (2017 - present)
- Education Chair-elect, Organization for Human Brain Mapping (2016 - present)
- Chair, External Advisory Board, Human Connectome Project (2011 - 2015)
- Chair, Organization for Human Brain Mapping (2009 - 2010)

LINKS

- Poldracklab web site: <https://poldracklab.stanford.edu>
- The Cognitive Atlas: <http://www.cognitiveatlas.org>
- OpenfMRI: <https://openfmri.org>
- NeuroSynth: <http://neurosynth.org>
- NeuroVault: <http://neurovault.org>
- MyConnectome: <http://myconnectome.org>
- Wikipedia: https://en.wikipedia.org/wiki/Russell_Poldrack

Research & Scholarship

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.

Teaching

COURSES

2017-18

- Cognitive Neuroscience: PSYCH 202 (Aut)
- Introduction to Statistical Methods: Precalculus: PSYCH 10, STATS 160, STATS 60 (Win)
- Neurosciences Cognitive Core: NEPR 207 (Spr)

2016-17

- Advanced fMRI modeling and analysis: PSYCH 248 (Win)
- Cognitive Neuroscience: PSYCH 202 (Aut)
- Neurosciences Cognitive Core: NEPR 207 (Spr)
- Reading the Brain: the Scientific, Ethical, and Legal Implications of Brain Imaging: PSYCH 9N (Win)
- fMRI Analysis Bootcamp: PSYCH 248A (Aut)

2015-16

- Cognitive Neuroscience: PSYCH 202 (Aut)
- Judgment and Decision-Making: PSYCH 154 (Spr)
- Neurosciences Cognitive Core: NEPR 207 (Spr)
- Reading the Brain: the Scientific, Ethical, and Legal Implications of Brain Imaging: PSYCH 9N (Win)

2014-15

- Reading the Brain: the Scientific, Ethical, and Legal Implications of Brain Imaging: PSYCH 9N (Win)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Anna Khazenzon, Josiah Leong, Yuan Chang Leong

Postdoctoral Faculty Sponsor

Patrick Bissett, Oscar Esteban Sanz Dranguet, William Hedley Thompson, Jessey Wright

Doctoral Dissertation Advisor (AC)

Ian Eisenberg, Ayse Enkavi

Doctoral (Program)

Ian Eisenberg, Ayse Enkavi

Postdoctoral Research Mentor

William Hedley Thompson, Jessey Wright

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

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

Publications

PUBLICATIONS

- **The Dynamics of Functional Brain Networks: Integrated Network States during Cognitive Task Performance.** *Neuron*
Shine, J. M., Bissett, P. G., Bell, P. T., Koyejo, O., Balsters, J. H., Gorgolewski, K. J., Moodie, C. A., Poldrack, R. A.
2016; 92 (2): 544-554
- **Long-term neural and physiological phenotyping of a single human** *NATURE COMMUNICATIONS*
Poldrack, R. A., Laumann, T. O., Koyejo, O., Gregory, B., Hover, A., Chen, M., Gorgolewski, K. J., Luci, J., Joo, S. J., Boyd, R. L., Hunicke-Smith, S., Simpson, Z. B., Caven, et al
2015; 6
- **Progress and challenges in probing the human brain** *NATURE*
Poldrack, R. A., Farah, M. J.
2015; 526 (7573): 371-379
- **Functional System and Areal Organization of a Highly Sampled Individual Human Brain** *NEURON*
Laumann, T. O., Gordon, E. M., Adeyemo, B., Snyder, A. Z., Joo, S. J., Chen, M., Gilmore, A. W., McDermott, K. B., Nelson, S. M., Dosenbach, N. U., Schlaggar, B. L., Mumford, J. A., Poldrack, et al
2015; 87 (3): 657-670
- **Making big data open: data sharing in neuroimaging** *NATURE NEUROSCIENCE*
Poldrack, R. A., Gorgolewski, K. J.
2014; 17 (11): 1510-1517
- **Changing value through cued approach: an automatic mechanism of behavior change** *NATURE NEUROSCIENCE*
Schonberg, T., Bakkour, A., Hover, A. M., Mumford, J. A., Nagar, L., Perez, J., Poldrack, R. A.
2014; 17 (4): 625-U195
- **Predicting risky choices from brain activity patterns** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Helfinstein, S. M., Schonberg, T., Congdon, E., Karlsgodt, K. H., Mumford, J. A., Sabb, F. W., Cannon, T. D., London, E. D., Bilder, R. M., Poldrack, R. A.
2014; 111 (7): 2470-2475
- **Inferring Mental States from Neuroimaging Data: From Reverse Inference to Large-Scale Decoding** *NEURON*
Poldrack, R. A.
2011; 72 (5): 692-697
- **Greater Neural Pattern Similarity Across Repetitions Is Associated with Better Memory** *SCIENCE*
Xue, G., Dong, Q., Chen, C., Lu, Z., Mumford, J. A., Poldrack, R. A.
2010; 330 (6000): 97-101
- **A unique adolescent response to reward prediction errors** *NATURE NEUROSCIENCE*
Cohen, J. R., Asarnow, R. F., Sabb, F. W., Bilder, R. M., Bookheimer, S. Y., Knowlton, B. J., Poldrack, R. A.
2010; 13 (6): 669-671
- **Decoding the Large-Scale Structure of Brain Function by Classifying Mental States Across Individuals** *PSYCHOLOGICAL SCIENCE*
Anonymous
2009; 20 (11): 1364-1372
- **Transformed Neural Pattern Reinstatement during Episodic Memory Retrieval** *JOURNAL OF NEUROSCIENCE*
Xiao, X., Dong, Q., Gao, J., Men, W., Poldrack, R. A., Xue, G.
2017; 37 (11): 2986-2998

- **GWAS meta-analysis reveals novel loci and genetic correlates for general cognitive function: a report from the COGENT consortium** *MOLECULAR PSYCHIATRY*
Trampush, J. W., Yang, M. L., Yu, J., Knowles, E., Davies, G., Liewald, D. C., Starr, J. M., Djurovic, S., Melle, I., Sundet, K., Christoforou, A., Reinvang, I., DeRosse, et al
2017; 22 (3): 336-345
- **BIDS apps: Improving ease of use, accessibility, and reproducibility of neuroimaging data analysis methods** *PLOS COMPUTATIONAL BIOLOGY*
Gorgolewski, K. J., Alfaro-Almagro, F., Auer, T., Bellec, P., Capota, M., Chakravarty, M. M., Churchill, N. W., Cohen, A. L., Craddock, R. C., Devenyi, G. A., Eklund, A., Esteban, O., Flandin, et al
2017; 13 (3)
- **Best practices in data analysis and sharing in neuroimaging using MRI.** *Nature neuroscience*
Nichols, T. E., Das, S., Eickhoff, S. B., Evans, A. C., Glatard, T., Hanke, M., Kriegeskorte, N., Milham, M. P., Poldrack, R. A., Poline, J., Proal, E., Thirion, B., Van Essen, et al
2017; 20 (3): 299-303
- **What's in a pattern? Examining the type of signal multivariate analysis uncovers at the group level.** *NeuroImage*
Gilron, R., Rosenblatt, J., Koyejo, O., Poldrack, R. A., Mukamel, R.
2017; 146: 113-120
- **The Processing-Speed Impairment in Psychosis Is More Than Just Accelerated Aging.** *Schizophrenia bulletin*
Mathias, S. R., Knowles, E. E., Barrett, J., Leach, O., Buccheri, S., Beetham, T., Blangero, J., Poldrack, R. A., Glahn, D. C.
2017
- **OpenfMRI: Open sharing of task fMRI data** *NEUROIMAGE*
Poldrack, R. A., Gorgolewski, K. J.
2017; 144: 259-261
- **Putting the brakes on the brakes: negative emotion disrupts cognitive control network functioning and alters subsequent stopping ability.** *Experimental brain research*
Patterson, T. K., Lenartowicz, A., Berkman, E. T., Ji, D., Poldrack, R. A., Knowlton, B. J.
2016; 234 (11): 3107-3118
- **Shared Genetic Factors Influence Head Motion During MRI and Body Mass Index.** *Cerebral cortex*
Hodgson, K., Poldrack, R. A., Curran, J. E., Knowles, E. E., Mathias, S., Göring, H. H., Yao, N., Olvera, R. L., Fox, P. T., Almasy, L., Duggirala, R., Barch, D. M., Blangero, et al
2016: -?
- **Neural mechanisms of cue-approach training.** *NeuroImage*
Bakkour, A., Lewis-Peacock, J. A., Poldrack, R. A., Schonberg, T.
2016
- **Temporal metastates are associated with differential patterns of time-resolved connectivity, network topology, and attention** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
Shine, J. M., Koyejo, O., Poldrack, R. A.
2016; 113 (35): 9888-9891
- **A Practical Guide for Improving Transparency and Reproducibility in Neuroimaging Research.** *PLoS biology*
Gorgolewski, K. J., Poldrack, R. A.
2016; 14 (7)
- **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.
2016; 7
- **Neural correlates of state-based decision-making in younger and older adults** *NEUROIMAGE*
Worthy, D. A., Davis, T., Gorlick, M. A., Cooper, J. A., Bakkour, A., Mumford, J. A., Poldrack, R. A., Maddox, W. T.
2016; 130: 13-23
- **Mechanisms of Choice Behavior Shift Using Cue-approach Training** *FRONTIERS IN PSYCHOLOGY*
Bakkour, A., Leuker, C., Hover, A. M., Giles, N., Poldrack, R. A., Schonberg, T.

2016; 7

- **NeuroVault.org: A repository for sharing unthresholded statistical maps, parcellations, and atlases of the human brain.** *NeuroImage*
Gorgolewski, K. J., Varoquaux, G., Rivera, G., Schwartz, Y., Sochat, V. V., Ghosh, S. S., Maumet, C., Nichols, T. E., Poline, J., Yarkoni, T., Margulies, D. S., Poldrack, R. A.
2016; 124: 1242-1244
- **From Brain Maps to Cognitive Ontologies: Informatics and the Search for Mental Structure** *ANNUAL REVIEW OF PSYCHOLOGY, VOL 67*
Poldrack, R. A., Yarkoni, T.
2016; 67: 587-612
- **The brain imaging data structure, a format for organizing and describing outputs of neuroimaging experiments.** *Scientific data*
Gorgolewski, K. J., Auer, T., Calhoun, V. D., Craddock, R. C., Das, S., Duff, E. P., Flandin, G., Ghosh, S. S., Glatard, T., Halchenko, Y. O., Handwerker, D. A., Hanke, M., Keator, et al
2016; 3: 160044-?
- **Mechanisms of Choice Behavior Shift Using Cue-approach Training.** *Frontiers in psychology*
Bakkour, A., Leuker, C., Hover, A. M., Giles, N., Poldrack, R. A., Schonberg, T.
2016; 7: 421-?
- **Estimation of dynamic functional connectivity using Multiplication of Temporal Derivatives.** *NeuroImage*
Shine, J. M., Koyejo, O., Bell, P. T., Gorgolewski, K. J., Gilat, M., Poldrack, R. A.
2015; 122: 399-407
- **Effects of thresholding on correlation-based image similarity metrics** *FRONTIERS IN NEUROSCIENCE*
Sochat, V. V., Gorgolewski, K. J., Koyejo, O., Durnez, J., Poldrack, R. A.
2015; 9
- **OpenfMRI: Open sharing of task fMRI data.** *NeuroImage*
Poldrack, R. A., Gorgolewski, K. J.
2015
- **Orthogonalization of Regressors in fMRI Models** *PLOS ONE*
Mumford, J. A., Poline, J., Poldrack, R. A.
2015; 10 (4)
- **Multiple brain networks contribute to the acquisition of bias in perceptual decision-making** *FRONTIERS IN NEUROSCIENCE*
Chen, M., Jimura, K., White, C. N., Maddox, W. T., Poldrack, R. A.
2015; 9
- **If all your friends jumped off a bridge: The effect of others' actions on engagement in and recommendation of risky behaviors.** *Journal of experimental psychology. General*
Helfinstein, S. M., Mumford, J. A., Poldrack, R. A.
2015; 144 (1): 12-17
- **Is "efficiency" a useful concept in cognitive neuroscience?** *DEVELOPMENTAL COGNITIVE NEUROSCIENCE*
Poldrack, R. A.
2015; 11: 12-17
- **The publication and reproducibility challenges of shared data.** *Trends in cognitive sciences*
Poldrack, R. A., Poline, J.
2015; 19 (2): 59-61
- **NeuroVault.org: a web-based repository for collecting and sharing unthresholded statistical maps of the human brain.** *Frontiers in neuroinformatics*
Gorgolewski, K. J., Varoquaux, G., Rivera, G., Schwarz, Y., Ghosh, S. S., Maumet, C., Sochat, V. V., Nichols, T. E., Poldrack, R. A., Poline, J., Yarkoni, T., Margulies, D. S.
2015; 9: 8-?
- **The impact of study design on pattern estimation for single-trial multivariate pattern analysis** *NEUROIMAGE*
Mumford, J. A., Davis, T., Poldrack, R. A.
2014; 103: 130-138

- **Evidence for Corticostriatal Dysfunction During Cognitive Skill Learning in Adolescent Siblings of Patients With Childhood-Onset Schizophrenia** *SCHIZOPHRENIA BULLETIN*
Wagshal, D., Knowlton, B. J., Suthana, N. A., Cohen, J. R., Poldrack, R. A., Bookheimer, S. Y., Bilder, R. M., Asarnow, R. F.
2014; 40 (5): 1030-1039
- **What do differences between multi-voxel and univariate analysis mean? How subject-, voxel-, and trial-level variance impact fMRI analysis** *NEUROIMAGE*
Davis, T., LaRocque, K. F., Mumford, J. A., Norman, K. A., Wagner, A. D., Poldrack, R. A.
2014; 97: 271-283
- **Decomposing Decision Components in the Stop-signal Task: A Model-based Approach to Individual Differences in Inhibitory Control** *JOURNAL OF COGNITIVE NEUROSCIENCE*
White, C. N., Congdon, E., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., Freimer, N. B., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.
2014; 26 (8): 1601-1614
- **Quantifying the Internal Structure of Categories Using a Neural Typicality Measure** *CEREBRAL CORTEX*
Davis, T., Poldrack, R. A.
2014; 24 (7): 1720-1737
- **Interdisciplinary perspectives on the development, integration, and application of cognitive ontologies** *FRONTIERS IN NEUROINFORMATICS*
Hastings, J., Frishkoff, G. A., Smith, B., Jensen, M., Poldrack, R. A., Lomax, J., Bandrowski, A., Imam, F., Turner, J. A., Martone, M. E.
2014; 8
- **Global Neural Pattern Similarity as a Common Basis for Categorization and Recognition Memory** *JOURNAL OF NEUROSCIENCE*
Davis, T., Xue, G., Love, B. C., Preston, A. R., Poldrack, R. A.
2014; 34 (22): 7472-7484
- **The neural basis of task switching changes with skill acquisition** *FRONTIERS IN HUMAN NEUROSCIENCE*
Jimura, K., Cazalis, F., Stover, E. R., Poldrack, R. A.
2014; 8
- **Women are more sensitive than men to prior trial events on the Stop-signal task** *BRITISH JOURNAL OF PSYCHOLOGY*
Thakkar, K. N., Congdon, E., Poldrack, R. A., Sabb, F. W., London, E. D., Cannon, T. D., Bilder, R. M.
2014; 105 (2): 254-272
- **Neural activation during response inhibition in adult attention-deficit/hyperactivity disorder: Preliminary findings on the effects of medication and symptom severity** *PSYCHIATRY RESEARCH-NEUROIMAGING*
Congdon, E., Altshuler, L. L., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., Ventura, J., McGough, J. J., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.
2014; 222 (1-2): 17-28
- **Inhibition and the right inferior frontal cortex: one decade on** *TRENDS IN COGNITIVE SCIENCES*
Aron, A. R., Robbins, T. W., Poldrack, R. A.
2014; 18 (4): 177-185
- **Decomposing Bias in Different Types of Simple Decisions** *JOURNAL OF EXPERIMENTAL PSYCHOLOGY-LEARNING MEMORY AND COGNITION*
White, C. N., Poldrack, R. A.
2014; 40 (2): 385-398
- **Impaired automatization of a cognitive skill in first-degree relatives of patients with schizophrenia** *PSYCHIATRY RESEARCH*
Wagshal, D., Knowlton, B. J., Cohen, J. R., Poldrack, R. A., Bookheimer, S. Y., Bilder, R. M., Asarnow, R. F.
2014; 215 (2): 294-299
- **Influencing Food Choices by Training: Evidence for Modulation of Frontoparietal Control Signals** *JOURNAL OF COGNITIVE NEUROSCIENCE*
Schonberg, T., Bakkour, A., Hover, A. M., Mumford, J. A., Poldrack, R. A.
2014; 26 (2): 247-268
- **The ethics of secondary data analysis: Considering the application of Belmont principles to the sharing of neuroimaging data** *NEUROIMAGE*
Brakewood, B., Poldrack, R. A.
2013; 82: 671-676

- **Function in the human connectome: Task-fMRI and individual differences in behavior** *NEUROIMAGE*
Barch, D. M., Burgess, G. C., Harms, M. P., Petersen, S. E., Schlaggar, B. L., Corbetta, M., Glasser, M. F., Curtiss, S., Dixit, S., Feldt, C., Nolan, D., Bryant, E., Hartley, et al
2013; 80: 169-189
- **Greater risk sensitivity of dorsolateral prefrontal cortex in young smokers than in nonsmokers** *PSYCHOPHARMACOLOGY*
Galvan, A., Schonberg, T., Mumford, J., Kohno, M., Poldrack, R. A., London, E. D.
2013; 229 (2): 345-355
- **Complementary Role of Frontoparietal Activity and Cortical Pattern Similarity in Successful Episodic Memory Encoding** *CEREBRAL CORTEX*
Xue, G., Dong, Q., Chen, C., Lu, Z., Mumford, J. A., Poldrack, R. A.
2013; 23 (7): 1562-1571
- **Toward open sharing of task-based fMRI data: the OpenfMRI project.** *Frontiers in neuroinformatics*
Poldrack, R. A., Barch, D. M., Mitchell, J. P., Wager, T. D., Wagner, A. D., Devlin, J. T., Cumba, C., Koyejo, O., Milham, M. P.
2013; 7: 12-?
- **Using fMRI to Constrain Theories of Cognition** *PERSPECTIVES ON PSYCHOLOGICAL SCIENCE*
White, C. N., Poldrack, R. A.
2013; 8 (1): 79-83
- **Differences in neural activation as a function of risk-taking task parameters.** *Frontiers in neuroscience*
Congdon, E., Bato, A. A., Schonberg, T., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.
2013; 7: 173-?
- **Learning Predictive Cognitive Structure from fMRI using Supervised Topic Models** *3rd International Workshop on Pattern Recognition in NeuroImaging (PRNI)*
Koyejo, O., Patel, P., Ghosh, J., Poldrack, R. A.
IEEE.2013: 9–12
- **Differences in neural activation as a function of risk-taking task parameters** *FRONTIERS IN NEUROSCIENCE*
Congdon, E., Bato, A. A., Schonberg, T., Mumford, J. A., Karlsgodt, K. H., Sabb, F. W., London, E. D., Cannon, T. D., Bilder, R. M., Poldrack, R. A.
2013; 7
- **Toward open sharing of task-based fMRI data: the OpenfMRI project** *FRONTIERS IN NEUROINFORMATICS*
Poldrack, R. A., Barch, D. M., Mitchell, J. P., Wager, T. D., Wagner, A. D., Devlin, J. T., Cumba, C., Koyejo, O., Milham, M. P.
2013; 7
- **Measuring neural representations with fMRI: practices and pitfalls** *YEAR IN COGNITIVE NEUROSCIENCE*
Davis, T., Poldrack, R. A.
2013; 1296: 108-134
- **Deficits in probabilistic classification learning and liability for schizophrenia** *PSYCHIATRY RESEARCH*
Wagshal, D., Knowlton, B. J., Cohen, J. R., Poldrack, R. A., Bookheimer, S. Y., Bilder, R. M., Fernandez, V. G., Asarnow, R. F.
2012; 200 (2-3): 167-172
- **Perceptual Criteria in the Human Brain** *JOURNAL OF NEUROSCIENCE*
White, C. N., Mumford, J. A., Poldrack, R. A.
2012; 32 (47): 16716-16724
- **Discovering Relations Between Mind, Brain, and Mental Disorders Using Topic Mapping** *PLOS COMPUTATIONAL BIOLOGY*
Poldrack, R. A., Mumford, J. A., Schonberg, T., Kalar, D., Barman, B., Yarkoni, T.
2012; 8 (10)
- **Spatiotemporal activity estimation for multivoxel pattern analysis with rapid event-related designs** *NEUROIMAGE*
Turner, B. O., Mumford, J. A., Poldrack, R. A., Ashby, F. G.
2012; 62 (3): 1429-1438
- **The future of fMRI in cognitive neuroscience** *NEUROIMAGE*
Poldrack, R. A.

2012; 62 (2): 1216-1220

- **The Relationship Between Measures of Impulsivity and Alcohol Misuse: An Integrative Structural Equation Modeling Approach** *ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH*
Courtney, K. E., Arellano, R., Barkley-Levenson, E., Galvan, A., Poldrack, R. A., MacKillop, J., Jentsch, J. D., Ray, L. A.
2012; 36 (6): 923-931
- **Striatal Dopamine D-2/ D-3 Receptors Mediate Response Inhibition and Related Activity in Frontostriatal Neural Circuitry in Humans** *JOURNAL OF NEUROSCIENCE*
Ghahremani, D. G., Lee, B., Robertson, C. L., Tabibnia, G., Morgan, A. T., De Shetler, N., Brown, A. K., Monterosso, J. R., Aron, A. R., Mandelkern, M. A., Poldrack, R. A., London, E. D.
2012; 32 (21): 7316-7324
- **Analyses of regional-average activation and multivoxel pattern information tell complementary stories** *NEUROPSYCHOLOGIA*
Jimura, K., Poldrack, R. A.
2012; 50 (4): 544-552
- **Human Anterior and Posterior Hippocampus Respond Distinctly to State and Trait Anxiety** *EMOTION*
Satpute, A. B., Mumford, J. A., Naliboff, B. D., Poldrack, R. A.
2012; 12 (1): 58-68
- **Deconvolving BOLD activation in event-related designs for multivoxel pattern classification analyses** *NEUROIMAGE*
Mumford, J. A., Turner, B. O., Ashby, F. G., Poldrack, R. A.
2012; 59 (3): 2636-2643
- **Decreasing ventromedial prefrontal cortex activity during sequential risk-taking: an fMRI investigation of the balloon analog risk task** *FRONTIERS IN NEUROSCIENCE*
Schonberg, T., Fox, C. R., Mumford, J. A., Congdon, E., Trepel, C., Poldrack, R. A.
2012; 6
- **Frontiers in brain imaging methods grand challenge.** *Frontiers in neuroscience*
Poline, J., Poldrack, R. A.
2012; 6: 96-?
- **Data sharing in neuroimaging research.** *Frontiers in neuroinformatics*
Poline, J., Breeze, J. L., Ghosh, S., Gorgolewski, K., Halchenko, Y. O., Hanke, M., Haselgrove, C., Helmer, K. G., Keator, D. B., Marcus, D. S., Poldrack, R. A., Schwartz, Y., Ashburner, et al
2012; 6: 9-?
- **Measurement and reliability of response inhibition.** *Frontiers in psychology*
Congdon, E., Mumford, J. A., Cohen, J. R., Galvan, A., Canli, T., Poldrack, R. A.
2012; 3: 37-?
- **Decreasing ventromedial prefrontal cortex activity during sequential risk-taking: an FMRI investigation of the balloon analog risk task.** *Frontiers in neuroscience*
Schonberg, T., Fox, C. R., Mumford, J. A., Congdon, E., Trepel, C., Poldrack, R. A.
2012; 6: 80-?
- **Measurement and reliability of response inhibition** *FRONTIERS IN PSYCHOLOGY*
Congdon, E., Mumford, J. A., Cohen, J. R., Galvan, A., Canli, T., Poldrack, R. A.
2012; 3
- **Data sharing in neuroimaging research** *FRONTIERS IN NEUROINFORMATICS*
Poline, J., Breeze, J. L., Ghosh, S., Gorgolewski, K., Halchenko, Y. O., Hanke, M., Haselgrove, C., Helmer, K. G., Keator, D. B., Marcus, D. S., Poldrack, R. A., Schwartz, Y., Ashburner, et al
2012; 6
- **Inhibition-related Activation in the Right Inferior Frontal Gyrus in the Absence of Inhibitory Cues** *JOURNAL OF COGNITIVE NEUROSCIENCE*
Lenartowicz, A., Verbruggen, F., Logan, G. D., Poldrack, R. A.
2011; 23 (11): 3388-3399

- **Large-scale automated synthesis of human functional neuroimaging data** *NATURE METHODS*
Yarkoni, T., Poldrack, R. A., Nichols, T. E., Van Essen, D. C., Wager, T. D.
2011; 8 (8): 665-U95
- **Spaced Learning Enhances Subsequent Recognition Memory by Reducing Neural Repetition Suppression** *JOURNAL OF COGNITIVE NEUROSCIENCE*
Xue, G., Mei, L., Chen, C., Lu, Z., Poldrack, R., Dong, Q.
2011; 23 (7): 1624-1633
- **Evaluating imaging biomarkers for neurodegeneration in pre-symptomatic Huntington's disease using machine learning techniques** *NEUROIMAGE*
Rizk-Jackson, A., Stoffers, D., Sheldon, S., Kuperman, J., Dale, A., Goldstein, J., Corey-Bloom, J., Poldrack, R. A., Aron, A. R.
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