Eric-Jan Wagenmakers

List of Publications by Year
in descending order

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281 papers	44,562 citations	5896 81 h-index	2747 192 g-index
374 all docs	374 docs citations	374 times ranked	37211 citing authors

#	Article	IF	Citations
1	Bayes Factors for Mixed Models. Computational Brain & Behavior, 2023, 6, 1-13.	1.7	14
2	Decisions about equivalence: A comparison of TOST, HDI-ROPE, and the Bayes factor.. Psychological Methods, 2023, 28, 740-755.	3.5	17
3	Evaluating multinomial order restrictions with bridge sampling.. Psychological Methods, 2023, 28, 322-338.	3.5	3
4	Robust Bayesian meta-analysis: Addressing publication bias with model-averaging.. Psychological Methods, 2023, 28, 107-122.	3.5	40
5	A tutorial on Bayesian single-test reliability analysis with JASP. Behavior Research Methods, 2023, 55, 1069-1078.	4.0	4
6	Many-analysts religion project: reflection and conclusion. Religion, Brain and Behavior, 2023, 13, 356-363.	0.7	1
7	A Generalization of the Savageâ€“Dickey Density Ratio for Testing Equality and Order Constrained Hypotheses. American Statistician, 2022, 76, 102-109.	1.6	4
8	The Support Interval. Erkenntnis, 2022, 87, 589-601.	0.9	12
9	Bayesian Estimation of Single-Test Reliability Coefficients. Multivariate Behavioral Research, 2022, 57, 620-641.	3.1	13
10	A Critical Evaluation of the FBST ev for Bayesian Hypothesis Testing. Computational Brain & Behavior, 2022, 5, 564-571.	1.7	6
11	Practical challenges and methodological flexibility in prior elicitation.. Psychological Methods, 2022, 27, 177-197.	3.5	13
12	Visual Motion and Decision-Making in Dyslexia: Reduced Accumulation of Sensory Evidence and Related Neural Dynamics. Journal of Neuroscience, 2022, 42, 121-134.	3.6	16
13	A puzzle of proportions: Two popular Bayesian tests can yield dramatically different conclusions. Statistics in Medicine, 2022, 41, 1319-1333.	1.6	8
14	Efficiency in sequential testing: Comparing the sequential probability ratio test and the sequential Bayes factor test. Behavior Research Methods, 2022, 54, 3100-3117.	4.0	3
15	A Bayesian perspective on Biogen's aducanumab trial. Alzheimer's and Dementia, 2022, 18, 2341-2351.	0.8	5
16	Expert agreement in prior elicitation and its effects on Bayesian inference. Psychonomic Bulletin and Review, 2022, 29, 1776-1794.	2.8	5
17	Advantages masquerading as â€œissuesâ€•in Bayesian hypothesis testing: A commentary on Tendeiro and Kiers (2019).. Psychological Methods, 2022, 27, 451-465.	3.5	13
18	Behavioural and neural indices of perceptual decision-making in autistic children during visual motion tasks. Scientific Reports, 2022, 12, 6072.	3.3	8

#	Article	IF	Citations
19	One statistical analysis must not rule them all. Nature, 2022, 605, 423-425.	27.8	44
20	Making Sense of Uncertainty in the Science Classroom. Science and Education, 2022, 31, 1239-1262.	2.7	5
21	Bayes factors for peri-null hypotheses. Test, 2022, 31, 1121-1142.	1.1	6
22	A survey on how preregistration affects the research workflow: better science but more work. Royal Society Open Science, 2022, 9, .	2.4	19
23	The JASP guidelines for conducting and reporting a Bayesian analysis. Psychonomic Bulletin and Review, 2021, 28, 813-826.	2.8	427
24	Modeling across-trial variability in the Wald drift rate parameter. Behavior Research Methods, 2021, 53, 1060-1076.	4.0	6
25	Perceptual Decision-Making in Children: Age-Related Differences and EEG Correlates. Computational Brain & Behavior, 2021, 4, 53-69.	1.7	14
26	Are dishonest politicians more likely to be reelected? A Bayesian view. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2022718118.	7.1	1
27	A Bayesian reanalysis of the effects of hydroxychloroquine and azithromycin on viral carriage in patients with COVID-19. PLoS ONE, 2021, 16, e0245048.	2.5	12
28	A tutorial on Bayesian multi-model linear regression with BAS and JASP. Behavior Research Methods, 2021, 53, 2351-2371.	4.0	33
29	How Bayesian statistics may help answer some of the controversial questions in clinical research on Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 917-919.	0.8	5
30	Priors in a Bayesian audit: How integration of existing information into the prior distribution can improve audit transparency and efficiency. International Journal of Auditing, 2021, 25, 621.	1.8	5
31	A Primer on Bayesian Model-Averaged Meta-Analysis. Advances in Methods and Practices in Psychological Science, 2021, 4, 251524592110312.	9.4	28
32	Extraordinary claims, extraordinary evidence? A discussion. Learning and Behavior, 2021, 49, 265-275.	1.0	3
33	A Multisite Preregistered Paradigmatic Test of the Ego-Depletion Effect. Psychological Science, 2021, 32, 1566-1581.	3.3	76
34	A Cautionary Note on Estimating Effect Size. Advances in Methods and Practices in Psychological Science, 2021, 4, 251524592199203.	9.4	7
35	Bayesian modelâ€averaged metaâ€analysis in medicine. Statistics in Medicine, 2021, 40, 6743-6761.	1.6	16
36	Consensus-based guidance for conducting and reporting multi-analyst studies. ELife, 2021, 10, .	6.0	22

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37	Seven steps toward more transparency in statistical practice. Nature Human Behaviour, 2021, 5, 1473-1480.	12.0	17
38	JASP for Audit: Bayesian Tools for the Auditing Practice. Journal of Open Source Software, 2021, 6, 2733.	4.6	1
39	Informed Bayesian t-Tests. American Statistician, 2020, 74, 137-143.	1.6	71
40	Teaching Good Research Practices: Protocol of a Research Master Course. Psychology Learning and Teaching, 2020, 19, 46-59.	2.0	12
41	A theoretical analysis of the reward rate optimality of collapsing decision criteria. Attention, Perception, and Psychophysics, 2020, 82, 1520-1534.	1.3	4
42	A consensus-based transparency checklist. Nature Human Behaviour, 2020, 4, 4-6.	12.0	79
43	An In-Class Demonstration of Bayesian Inference. Psychology Learning and Teaching, 2020, 19, 36-45.	2.0	4
44	The effect of preregistration on trust in empirical research findings: results of a registered report. Royal Society Open Science, 2020, 7, 181351.	2.4	22
45	Hierarchical Bayesian parameter estimation for cumulative prospect theory. Journal of Mathematical Psychology, 2020, 98, 102429.	1.8	4
46	Laypeople Can Predict Which Social-Science Studies Will Be Replicated Successfully. Advances in Methods and Practices in Psychological Science, 2020, 3, 267-285.	9.4	24
47	A Conceptual Introduction to Bayesian Model Averaging. Advances in Methods and Practices in Psychological Science, 2020, 3, 200-215.	9.4	122
48	Using Bayes factor hypothesis testing in neuroscience to establish evidence of absence. Nature Neuroscience, 2020, 23, 788-799.	14.8	376
49	The Bayesian Methodology of Sir Harold Jeffreys as a Practical Alternative to the P Value Hypothesis Test. Computational Brain & Behavior, 2020, 3, 153-161.	1.7	14
50	Cultural Consensus Theory for the evaluation of patientsâ€™ mental health scores in forensic psychiatric hospitals. Journal of Mathematical Psychology, 2020, 98, 102383.	1.8	3
51	Bayesian rank-based hypothesis testing for the rank sum test, the signed rank test, and Spearman's Ï. Journal of Applied Statistics, 2020, 47, 2984-3006.	1.3	67
52	Discussion points for Bayesian inference. Nature Human Behaviour, 2020, 4, 561-563.	12.0	31
53	Double responding: A new constraint for models of speeded decision making. Cognitive Psychology, 2020, 121, 101292.	2.2	9
54	The Principle of Predictive Irrelevance or Why Intervals Should Not be Used for Model Comparison Featuring a Point Null Hypothesis. , 2020, , 111-129.		5

#	Article	IF	Citations
55	Crowdsourcing hypothesis tests: Making transparent how design choices shape research results.. Psychological Bulletin, 2020, 146, 451-479.	6.1	87
56	bridgesampling: An R Package for Estimating Normalizing Constants. Journal of Statistical Software, 2020, 92, .	3.7	80
57	Evidence Accumulation Models: Current Limitations and Future Directions. The Quantitative Methods for Psychology, 2020, 16, 73-90.	0.9	39
58	A Tutorial on Conducting and Interpreting aÂBayesian ANOVA in JASP. Annee Psychologique, 2020, Vol. 120, 73-96.	0.3	152
59	Bayesian inference in numerical cognition: A tutorial using JASP. Journal of Numerical Cognition, 2020, 6, 231-259.	1.2	24
60	Quantifying uncertainty in transdimensional Markov chain Monte Carlo using discrete Markov models. Statistics and Computing, 2019, 29, 631-643.	1.5	10
61	Retire significance, but still test hypotheses. Nature, 2019, 567, 461-461.	27.8	26
62	Parsimonious estimation of signal detection models from confidence ratings. Behavior Research Methods, 2019, 51, 1953-1967.	4.0	10
63	A tutorial on Bayes Factor Design Analysis using an informed prior. Behavior Research Methods, 2019, 51, 1042-1058.	4.0	126
64	Bayesian estimation of explained variance in ANOVA designs. Statistica Neerlandica, 2019, 73, 351-372.	1.6	4
65	Rejoinder: More Limitations of Bayesian Leave-One-Out Cross-Validation. Computational Brain & Behavior, 2019, 2, 35-47.	1.7	13
66	Theoretically meaningful models can answer clinically relevant questions. Brain, 2019, 142, 1172-1175.	7.6	11
67	Multiple Perspectives on Inference for Two Simple Statistical Scenarios. American Statistician, 2019, 73, 328-339.	1.6	31
68	Flexible yet fair: blinding analyses in experimental psychology. SynthÃˆse, 2019, , 1.	1.1	17
69	A Simple Method for Comparing Complex Models: Bayesian Model Comparison for Hierarchical Multinomial Processing Tree Models Using Warp-III Bridge Sampling. Psychometrika, 2019, 84, 261-284.	2.1	17
70	Replication Bayes factors from evidence updating. Behavior Research Methods, 2019, 51, 2498-2508.	4.0	55
71	Bayesian estimation of Kendallâ€™s Ï„ using a latent normal approach. Statistics and Probability Letters, 2019, 145, 268-272.	0.7	2
72	Limitations of Bayesian Leave-One-Out Cross-Validation for Model Selection. Computational Brain & Behavior, 2019, 2, 1-11.	1.7	75

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73	JASP: Graphical Statistical Software for Common Statistical Designs. Journal of Statistical Software, 2019, 88, .	3.7	413
74	Reader response: Evaluating depression and suicidality in tetrabenazine users with Huntington disease. Neurology, 2019, 92, 447-448.	1.1	1
75	The comparative evidence basis for the efficacy of second-generation antidepressants in the treatment of depression in the US: A Bayesian meta-analysis of Food and Drug Administration reviews. Journal of Affective Disorders, 2018, 235, 393-398.	4.1	20
76	Data Sharing in Psychology: A Survey on Barriers and Preconditions. Advances in Methods and Practices in Psychological Science, 2018, 1, 70-85.	9.4	135
77	Bayesian Inference for Kendallâ€™s Rank Correlation Coefficient. American Statistician, 2018, 72, 303-308.	1.6	69
78	Bayes factor design analysis: Planning for compelling evidence. Psychonomic Bulletin and Review, 2018, 25, 128-142.	2.8	363
79	Analytic posteriors for Pearson's correlation coefficient. Statistica Neerlandica, 2018, 72, 4-13.	1.6	135
80	Redefine statistical significance. Nature Human Behaviour, 2018, 2, 6-10.	12.0	1,763
81	Using Bayesian regression to test hypotheses about relationships between parameters and covariates in cognitive models. Behavior Research Methods, 2018, 50, 1248-1269.	4.0	14
82	Bayesian inference for psychology. Part II: Example applications with JASP. Psychonomic Bulletin and Review, 2018, 25, 58-76.	2.8	1,127
83	Bayesian inference for psychology. Part I: Theoretical advantages and practical ramifications. Psychonomic Bulletin and Review, 2018, 25, 35-57.	2.8	987
84	Bayesian Evidence Accumulation in Experimental Mathematics: A Case Study of Four Irrational Numbers. Experimental Mathematics, 2018, 27, 277-286.	0.7	7
85	Estimating across-trial variability parameters of the Diffusion Decision Model: Expert advice and recommendations. Journal of Mathematical Psychology, 2018, 87, 46-75.	1.8	62
86	On the importance of avoiding shortcuts in applying cognitive models to hierarchical data. Behavior Research Methods, 2018, 50, 1614-1631.	4.0	48
87	Bayesian reanalysis of null results reported in medicine: Strong yet variable evidence for the absence of treatment effects. PLoS ONE, 2018, 13, e0195474.	2.5	36
88	Compensatory control and religious beliefs: a registered replication report across two countries. Comprehensive Results in Social Psychology, 2018, 3, 240-265.	1.8	17
89	Quantifying Support for the Null Hypothesis in Psychology: An Empirical Investigation. Advances in Methods and Practices in Psychological Science, 2018, 1, 357-366.	9.4	71
90	The Creativity-Verification Cycle in Psychological Science: New Methods to Combat Old Idols. Perspectives on Psychological Science, 2018, 13, 418-427.	9.0	27

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91	Surprise About Sensory Event Timing Drives Cortical Transients in the Beta Frequency Band. Journal of Neuroscience, 2018, 38, 7600-7610.	3.6	6
92	Many Analysts, One Data Set: Making Transparent How Variations in Analytic Choices Affect Results. Advances in Methods and Practices in Psychological Science, 2018, 1, 337-356.	9.4	406
93	Evaluating the replicability of social science experiments in Nature and Science between 2010 and 2015. Nature Human Behaviour, 2018, 2, 637-644.	12.0	845
94	Bayesian Reanalyses From Summary Statistics: A Guide for Academic Consumers. Advances in Methods and Practices in Psychological Science, 2018, 1, 367-374.	9.4	53
95	Do Researchers Anchor Their Beliefs on the Outcome of an Initial Study?. Experimental Psychology, 2018, 65, 158-169.	0.7	3
96	A manifesto for reproducible science. Nature Human Behaviour, 2017, 1, 0021.	12.0	1,870
97	Sequential hypothesis testing with Bayes factors: Efficiently testing mean differences.. Psychological Methods, 2017, 22, 322-339.	3.5	309
98	A test of the diffusion model explanation for the worst performance rule using preregistration and blinding. Attention, Perception, and Psychophysics, 2017, 79, 713-725.	1.3	22
99	J. B. S. Haldaneâ€™s Contribution to the Bayes Factor Hypothesis Test. Statistical Science, 2017, 32, .	2.8	64
100	What Are the Odds? Modern Relevance and Bayes Factor Solutions for MacAlisterâ€™s Problem From the 1881 Educational Times. Educational and Psychological Measurement, 2017, 77, 819-830.	2.4	0
101	Bayesian benefits with JASP. European Journal of Developmental Psychology, 2017, 14, 545-555.	1.8	197
102	Can the experimental study of religion be advanced using a Bayesian predictive framework?. Religion, Brain and Behavior, 2017, 7, 331-334.	0.7	7
103	A tutorial on bridge sampling. Journal of Mathematical Psychology, 2017, 81, 80-97.	1.8	163
104	Fixed or Random? A Resolution Through Model Averaging: Reply to Carlsson, Schimmack, Williams, and BÃ¼rkner (2017). Psychological Science, 2017, 28, 1698-1701.	3.3	13
105	A Bayesian bird's eye view of â€˜Replications of important results in social psychologyâ€™. Royal Society Open Science, 2017, 4, 160426.	2.4	28
106	A Tutorial on Fisher information. Journal of Mathematical Psychology, 2017, 80, 40-55.	1.8	128
107	The computations that support simple decision-making: A comparison between the diffusion and urgency-gating models. Scientific Reports, 2017, 7, 16433.	3.3	34
108	A Bayesian model-averaged meta-analysis of the power pose effect with informed and default priors: the case of felt power. Comprehensive Results in Social Psychology, 2017, 2, 123-138.	1.8	103

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109	Bayesian analysis of factorial designs.. Psychological Methods, 2017, 22, 304-321.	3.5	248
110	Default â€œGunel and Dickeyâ€•Bayes factors for contingency tables. Behavior Research Methods, 2017, 49, 638-652.	4.0	82
111	Three Insights from a Bayesian Interpretation of the One-Sided P Value. Educational and Psychological Measurement, 2017, 77, 529-539.	2.4	65
112	Detecting and avoiding likely falseâ€positive findingsÂâ€“Âa practical guide. Biological Reviews, 2017, 92, 1941-1968.	10.4	282
113	Bayesian Inference for Correlations in the Presence of Measurement Error and Estimation Uncertainty. Collabra: Psychology, 2017, 3, .	1.8	25
114	Bayesian mixture modeling of significant p values: A meta-analytic method to estimate the degree of contamination from Hâ‚€.. Journal of Experimental Psychology: General, 2017, 146, 1223-1233.	2.1	7
115	Toward evidence-based medical statistics: a Bayesian analysis of double-blind placebo-controlled antidepressant trials in the treatment of anxiety disorders. International Journal of Methods in Psychiatric Research, 2016, 25, 299-308.	2.1	17
116	Data from a pre-publication independent replication initiative examining ten moral judgement effects. Scientific Data, 2016, 3, 160082.	5.3	6
117	Four Requirements for an Acceptable Research Program. Basic and Applied Social Psychology, 2016, 38, 308-312.	2.1	7
118	Continued misinterpretation of confidence intervals: response to Miller and Ulrich. Psychonomic Bulletin and Review, 2016, 23, 131-140.	2.8	22
119	The Peer Reviewers' Openness Initiative: incentivizing open research practices through peer review. Royal Society Open Science, 2016, 3, 150547.	2.4	163
120	Adjusted priors for Bayes factors involving reparameterized order constraints. Journal of Mathematical Psychology, 2016, 73, 110-116.	1.8	8
121	Is There a Free Lunch in Inference?. Topics in Cognitive Science, 2016, 8, 520-547.	1.9	62
122	Registered Replication Report. Perspectives on Psychological Science, 2016, 11, 917-928.	9.0	245
123	Bayesian Evidence Synthesis Can Reconcile Seemingly Inconsistent Results. Psychological Science, 2016, 27, 1043-1046.	3.3	62
124	Of monkeys and men: Impatience in perceptual decision-making. Psychonomic Bulletin and Review, 2016, 23, 738-749.	2.8	22
125	Bayesian Benefits for the Pragmatic Researcher. Current Directions in Psychological Science, 2016, 25, 169-176.	5.3	220
126	The impact of MRI scanner environment on perceptual decision-making. Behavior Research Methods, 2016, 48, 184-200.	4.0	37

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127	Hidden multiplicity in exploratory multiway ANOVA: Prevalence and remedies. Psychonomic Bulletin and Review, 2016, 23, 640-647.	2.8	297
128	The pipeline project: Pre-publication independent replications of a single laboratory's research pipeline. Journal of Experimental Social Psychology, 2016, 66, 55-67.	2.2	74
129	Calibrated Bayes Factors Should Not Be Used: A Reply to Hoijtink, van Kooten, and Hulsker. Multivariate Behavioral Research, 2016, 51, 11-19.	3.1	17
130	Editorsâ€™ introduction to the special issue â€œBayes factors for testing hypotheses in psychological research: Practical relevance and new developmentsâ€. Journal of Mathematical Psychology, 2016, 72, 1-5.	1.8	67
131	An evaluation of alternative methods for testing hypotheses, from the perspective of Harold Jeffreys. Journal of Mathematical Psychology, 2016, 72, 43-55.	1.8	40
132	A Bayesian test for the hot hand phenomenon. Journal of Mathematical Psychology, 2016, 72, 200-209.	1.8	20
133	Harold Jeffreysâ€™s default Bayes factor hypothesis tests: Explanation, extension, and application in psychology. Journal of Mathematical Psychology, 2016, 72, 19-32.	1.8	261
134	Sequential Sampling Models in Cognitive Neuroscience: Advantages, Applications, and Extensions. Annual Review of Psychology, 2016, 67, 641-666.	17.7	391
135	Challenges in replicating brain-behavior correlations: Rejoinder to Kanai (2015) and Muhlert and Ridgway (2015). Cortex, 2016, 74, 348-352.	2.4	5
136	How to quantify the evidence for the absence of a correlation. Behavior Research Methods, 2016, 48, 413-426.	4.0	94
137	The fallacy of placing confidence in confidence intervals. Psychonomic Bulletin and Review, 2016, 23, 103-123.	2.8	352
138	Bayes factors for reinforcement-learning models of the Iowa gambling task.. Decision, 2016, 3, 115-131.	0.5	18
139	Two Bayesian tests of the GLOMOsys Model.. Journal of Experimental Psychology: General, 2016, 145, e81-e95.	2.1	5
140	The Interplay between Subjectivity, Statistical Practice, and Psychological Science. Collabra, 2016, 2, .	1.3	25
141	A quartet of interactions. Cortex, 2015, 73, 334-335.	2.4	6
142	Å´=.2, Ã¢=.8, Ä‰=.6: So what? On the meaning of parameter estimates from reinforcement-learning models.. Decision, 2015, 2, 228-235.	0.5	2
143	The effect of horizontal eye movements on free recall: A preregistered adversarial collaboration.. Journal of Experimental Psychology: General, 2015, 144, e1-e15.	2.1	83
144	On the automatic link between affect and tendencies to approach and avoid: Chen and Bargh (1999) revisited. Frontiers in Psychology, 2015, 6, 335.	2.1	28

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145	Turning the hands of time again: a purely confirmatory replication study and a Bayesian analysis. Frontiers in Psychology, 2015, 6, 494.	2.1	34
146	Meta-analyses are no substitute for registered replications: a skeptical perspective on religious priming. Frontiers in Psychology, 2015, 6, 1365.	2.1	136
147	Generalising the drift rate distribution for linear ballistic accumulators. Journal of Mathematical Psychology, 2015, 68-69, 49-58.	1.8	19
148	Revisiting the Evidence for Collapsing Boundaries and Urgency Signals in Perceptual Decision-Making. Journal of Neuroscience, 2015, 35, 2476-2484.	3.6	208
149	A purely confirmatory replication study of structural brain-behavior correlations. Cortex, 2015, 66, 115-133.	2.4	143
150	An Introduction to Bayesian Hypothesis Testing for Management Research. Journal of Management, 2015, 41, 521-543.	9.3	178
151	An Introduction to Good Practices in Cognitive Modeling. , 2015, , 25-48.		63
152	Testing order constraints: Qualitative differences between Bayes factors and normalized maximum likelihood. Statistics and Probability Letters, 2015, 105, 157-162.	0.7	13
153	Promoting an open research culture. Science, 2015, 348, 1422-1425.	12.6	1,688
154	Paradoxes of optimal decision making: a response to Moran (2014). Psychonomic Bulletin and Review, 2015, 22, 307-308.	2.8	2
155	Discriminating evidence accumulation from urgency signals in speeded decision making. Journal of Neurophysiology, 2015, 114, 40-47.	1.8	41
156	A Bayesian hierarchical diffusion model decomposition of performance in Approachâ€“Avoidance Tasks. Cognition and Emotion, 2015, 29, 1424-1444.	2.0	44
157	Estimating the reproducibility of psychological science. Science, 2015, 349, aac4716.	12.6	4,926
158	A power fallacy. Behavior Research Methods, 2015, 47, 913-917.	4.0	61
159	Bayesian Estimation of Multinomial Processing Tree Models with Heterogeneity in Participants and Items. Psychometrika, 2015, 80, 205-235.	2.1	80
160	A default Bayesian hypothesis test for mediation. Behavior Research Methods, 2015, 47, 85-97.	4.0	63
161	Data from 617 Healthy Participants Performing the Iowa Gambling Task: A â€œMany Labsâ€•Collaboration. , 2015, 3, .		15
162	An Antidote to the Imager's Fallacy, or How to Identify Brain Areas That Are in Limbo. PLoS ONE, 2014, 9, e115700.	2.5	13

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163	Time-varying boundaries for diffusion models of decision making and response time. Frontiers in Psychology, 2014, 5, 1364.	2.1	35
164	The falsifiability of actual decision-making models.. Psychological Review, 2014, 121, 676-678.	3.8	22
165	On the ability to inhibit thought and action: General and special theories of an act of control.. Psychological Review, 2014, 121, 66-95.	3.8	727
166	Bayesian tests to quantify the result of a replication attempt.. Journal of Experimental Psychology: General, 2014, 143, 1457-1475.	2.1	206
167	Action video games do not improve the speed of information processing in simple perceptual tasks.. Journal of Experimental Psychology: General, 2014, 143, 1794-1805.	2.1	67
168	Scientific rigor and the art of motorcycle maintenance. Nature Biotechnology, 2014, 32, 871-873.	17.5	34
169	Performance and awareness in the Iowa Gambling Task. Behavioral and Brain Sciences, 2014, 37, 41-42.	0.7	5
170	Why Hypothesis Tests Are Essential for Psychological Science. Psychological Science, 2014, 25, 1289-1290.	3.3	57
171	Rewarding high-power replication research. Cortex, 2014, 51, 105-106.	2.4	11
172	Robust misinterpretation of confidence intervals. Psychonomic Bulletin and Review, 2014, 21, 1157-1164.	2.8	277
173	Early evidence affects later decisions: Why evidence accumulation is required to explain response time data. Psychonomic Bulletin and Review, 2014, 21, 777-84.	2.8	32
174	Simple relation between Bayesian order-restricted and point-null hypothesis tests. Statistics and Probability Letters, 2014, 92, 121-124.	0.7	62
175	"Bayesian tests to quantify the result of a replication attempt": Correction to Verhagen and Wagenmakers (2014).. Journal of Experimental Psychology: General, 2014, 143, 2073-2073.	2.1	2
176	Absolute performance of reinforcement-learning models for the Iowa Gambling Task.. Decision, 2014, 1, 161-183.	0.5	49
177	The speed and accuracy of perceptual decisions in a random-tone pitch task. Attention, Perception, and Psychophysics, 2013, 75, 1048-1058.	1.3	38
178	A Bayesian framework for simultaneously modeling neural and behavioral data. NeuroImage, 2013, 72, 193-206.	4.2	148
179	Suicide Risk and Sexual Orientation: A Critical Review. Archives of Sexual Behavior, 2013, 42, 715-727.	1.9	117
180	A diffusion model account of age differences in posterror slowing.. Psychology and Aging, 2013, 28, 64-76.	1.6	31

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181	Testing adaptive toolbox models: A Bayesian hierarchical approach.. Psychological Review, 2013, 120, 39-64.	3.8	75
182	Performance of healthy participants on the Iowa Gambling Task.. Psychological Assessment, 2013, 25, 180-193.	1.5	166
183	Bayesian parametric estimation of stop-signal reaction time distributions.. Journal of Experimental Psychology: General, 2013, 142, 1047-1073.	2.1	95
184	A Comparison of Reinforcement Learning Models for the Iowa Gambling Task Using Parameter Space Partitioning. Journal of Problem Solving, 2013, 5, .	0.7	27
185	Validating the PVL-Delta model for the Iowa gambling task. Frontiers in Psychology, 2013, 4, 898.	2.1	33
186	Release the BEESTS: Bayesian Estimation of Ex-Gaussian STop-Signal reaction time distributions. Frontiers in Psychology, 2013, 4, 918.	2.1	50
187	Optimal decision making in neural inhibition models.. Psychological Review, 2012, 119, 201-215.	3.8	32
188	A Bayesian Latent Group Analysis for Detecting Poor Effort in the Assessment of Malingering. Archives of Clinical Neuropsychology, 2012, 27, 453-465.	0.5	24
189	A Default Bayesian Hypothesis Test for ANOVA Designs. American Statistician, 2012, 66, 104-111.	1.6	93
190	Bias in the Brain: A Diffusion Model Analysis of Prior Probability and Potential Payoff. Journal of Neuroscience, 2012, 32, 2335-2343.	3.6	333
191	Abstract Concepts Require Concrete Models: Why Cognitive Scientists Have Not Yet Embraced Nonlinearly Coupled, Dynamical, Selfâ€Organized Critical, Synergistic, Scaleâ€Free, Exquisitely Contextâ€Sensitive, Interactionâ€Dominant, Multifractal, Interdependent Brainâ€Bodyâ€Niche Systems. Topics in Cognitive Science, 2012, 4, 87-93.	1.9	47
192	Editorsâ€™ Introduction to the Special Section on Replicability in Psychological Science. Perspectives on Psychological Science, 2012, 7, 528-530.	9.0	1,039
193	An Agenda for Purely Confirmatory Research. Perspectives on Psychological Science, 2012, 7, 632-638.	9.0	698
194	How to measure post-error slowing: A confound and a simple solution. Journal of Mathematical Psychology, 2012, 56, 208-216.	1.8	177
195	A default Bayesian hypothesis test for correlations and partial correlations. Psychonomic Bulletin and Review, 2012, 19, 1057-1064.	2.8	414
196	Whatâ€™s in a Name: A Bayesian Hierarchical Analysis of the Name-Letter Effect. Frontiers in Psychology, 2012, 3, 334.	2.1	6
197	PiÃ©ronâ€™s Law and Optimal Behavior in Perceptual Decision-Making. Frontiers in Neuroscience, 2012, 5, 143.	2.8	22
198	On the interpretation of removable interactions: A survey of the field 33Âyears after Loftus. Memory and Cognition, 2012, 40, 145-160.	1.6	119

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199	The Optimality of Sensory Processing during the Speed-Accuracy Tradeoff. Journal of Neuroscience, 2012, 32, 7992-8003.	3.6	82
200	Temporal expectation and information processing: A model-based analysis. Cognition, 2012, 122, 426-441.	2.2	46
201	Context Effects in Multiâ€Alternative Decision Making: Empirical Data and a Bayesian Model. Cognitive Science, 2012, 36, 498-516.	1.7	22
202	Four empirical tests of Unconscious Thought Theory. Organizational Behavior and Human Decision Processes, 2012, 117, 332-340.	2.5	48
203	Testing theories of post-error slowing. Attention, Perception, and Psychophysics, 2012, 74, 454-465.	1.3	206
204	Similarity and number of alternatives in the random-dot motion paradigm. Attention, Perception, and Psychophysics, 2012, 74, 739-753.	1.3	26
205	An optimal adjustment procedure to minimize experiment time in decisions with multiple alternatives. Psychonomic Bulletin and Review, 2012, 19, 339-348.	2.8	24
206	A diffusion model decomposition of the effects of alcohol on perceptual decision making. Psychopharmacology, 2012, 219, 1017-1025.	3.1	53
207	Decision Speed Induces Context Effects in Choice. Experimental Psychology, 2012, 59, 206-215.	0.7	10
208	A default Bayesian hypothesis test for correlations and partial correlations. , 2012, 19, 1057.		1
209	Statistical Evidence in Experimental Psychology. Perspectives on Psychological Science, 2011, 6, 291-298.	9.0	728
210	Reciprocal relations between cognitive neuroscience and formal cognitive models: opposites attract?. Trends in Cognitive Sciences, 2011, 15, 272-279.	7.8	137
211	A Phase Transition Model for the Speed-Accuracy Trade-Off in Response Time Experiments. Cognitive Science, 2011, 35, 211-250.	1.7	56
212	A tutorial on Bayes factor estimation with the product space method. Journal of Mathematical Psychology, 2011, 55, 331-347.	1.8	79
213	An integrated perspective on the relation between response speed and intelligence. Cognition, 2011, 119, 381-393.	2.2	60
214	Erroneous analyses of interactions in neuroscience: a problem of significance. Nature Neuroscience, 2011, 14, 1105-1107.	14.8	695
215	Diffusion versus linear ballistic accumulation: different models but the same conclusions about psychological processes?. Psychonomic Bulletin and Review, 2011, 18, 61-69.	2.8	127
216	Bayesian inference for the information gain model. Behavior Research Methods, 2011, 43, 297-309.	4.0	3

#	Article	IF	Citations
217	Hierarchical Bayesian parameter estimation for cumulative prospect theory. Journal of Mathematical Psychology, 2011, 55, 84-93.	1.8	148
218	Cognitive model decomposition of the BART: Assessment and application. Journal of Mathematical Psychology, 2011, 55, 94-105.	1.8	71
219	Why psychologists must change the way they analyze their data: The case of psi: Comment on Bem (2011).. Journal of Personality and Social Psychology, 2011, 100, 426-432.	2.8	676
220	The Speed-Accuracy Tradeoff in the Elderly Brain: A Structural Model-Based Approach. Journal of Neuroscience, 2011, 31, 17242-17249.	3.6	190
221	Mechanistic curiosity will not kill the Bayesian cat. Behavioral and Brain Sciences, 2011, 34, 192-193.	0.7	2
222	Neural Correlates of Trial-to-Trial Fluctuations in Response Caution. Journal of Neuroscience, 2011, 31, 17488-17495.	3.6	154
223	Does the Name-Race Implicit Association Test Measure Racial Prejudice?. Experimental Psychology, 2011, 58, 271-277.	0.7	37
224	Task-Related Versus Stimulus-Specific Practice. Experimental Psychology, 2011, 58, 434-442.	0.7	38
225	A model-averaging approach to replication: The case of prep.. Psychological Methods, 2010, 15, 172-181.	3.5	24
226	Bayesian inference using WBDev: A tutorial for social scientists. Behavior Research Methods, 2010, 42, 884-897.	4.0	14
227	The random effects prep continues to mispredict the probability of replication. Psychonomic Bulletin and Review, 2010, 17, 270-272.	2.8	1
228	Bayesian hypothesis testing for psychologists: A tutorial on the Savageâ€“Dickey method. Cognitive Psychology, 2010, 60, 158-189.	2.2	457
229	Bayesian parameter estimation in the Expectancy Valence model of the Iowa gambling task. Journal of Mathematical Psychology, 2010, 54, 14-27.	1.8	87
230	An encompassing prior generalization of the Savageâ€“Dickey density ratio. Computational Statistics and Data Analysis, 2010, 54, 2094-2102.	1.2	65
231	The neural substrate of prior information in perceptual decision making: a model-based analysis. Frontiers in Human Neuroscience, 2010, 4, 40.	2.0	84
232	Cortico-striatal connections predict control over speed and accuracy in perceptual decision making. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15916-15920.	7.1	332
233	The neural basis of the speedâ€“accuracy tradeoff. Trends in Neurosciences, 2010, 33, 10-16.	8.6	574
234	The role of the noradrenergic system in the exploration-exploitation trade-off: a pharmacological study. Frontiers in Human Neuroscience, 2010, 4, 170.	2.0	29

#	Article	IF	Citations
235	How do individuals reason in the Wason card selection task?. Behavioral and Brain Sciences, 2009, 32, 104-104.	0.7	2
236	The Effects of Accessory Stimuli on Information Processing: Evidence from Electrophysiology and a Diffusion Model Analysis. Journal of Cognitive Neuroscience, 2009, 21, 847-864.	2.3	69
237	Methodological and empirical developments for the Ratcliff diffusion model of response times and accuracy. European Journal of Cognitive Psychology, 2009, 21, 641-671.	1.3	168
238	Theories and models for 1/fÎ² noise in human movement science. Human Movement Science, 2009, 28, 297-318.	1.4	82
239	: An agony in five Fits. Journal of Mathematical Psychology, 2009, 53, 195-202.	1.8	11
240	A Bayesian analysis of human decision-making on bandit problems. Journal of Mathematical Psychology, 2009, 53, 168-179.	1.8	178
241	On the mean and variance of response times under the diffusion model with an application to parameter estimation. Journal of Mathematical Psychology, 2009, 53, 55-68.	1.8	59
242	Observing evidence accumulation during multi-alternative decisions. Journal of Mathematical Psychology, 2009, 53, 453-462.	1.8	68
243	A diffusion model decomposition of the practice effect. Psychonomic Bulletin and Review, 2009, 16, 1026-1036.	2.8	95
244	p rep misestimates the probability of replication. Psychonomic Bulletin and Review, 2009, 16, 424-429.	2.8	26
245	How to quantify support for and against the null hypothesis: A flexible WinBUGS implementation of a default Bayesian t test. Psychonomic Bulletin and Review, 2009, 16, 752-760.	2.8	106
246	Psychological interpretation of the ex-Gaussian and shifted Wald parameters: A diffusion model analysis. Psychonomic Bulletin and Review, 2009, 16, 798-817.	2.8	358
247	Fitting the Cusp Catastrophe inR: AcuspPackage Primer. Journal of Statistical Software, 2009, 32, .	3.7	83
248	A diffusion model account of criterion shifts in the lexical decision task. Journal of Memory and Language, 2008, 58, 140-159.	2.1	225
249	Comparison of Decision Learning Models Using the Generalization Criterion Method. Cognitive Science, 2008, 32, 1376-1402.	1.7	180
250	A Survey of Model Evaluation Approaches With a Tutorial on Hierarchical Bayesian Methods. Cognitive Science, 2008, 32, 1248-1284.	1.7	245
251	EZ does it! Extensions of the EZ-diffusion model. Psychonomic Bulletin and Review, 2008, 15, 1229-1235.	2.8	76
252	Striatum and pre-SMA facilitate decision-making under time pressure. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17538-17542.	7.1	528

#	Article	IF	Citations
253	Bayesian Versus Frequentist Inference. , 2008, , 181-207.		100
254	On the linear relation between the mean and the standard deviation of a response time distribution.. Psychological Review, 2007, 114, 830-841.	3.8	270
255	An EZ-diffusion model for response time and accuracy. Psychonomic Bulletin and Review, 2007, 14, 3-22.	2.8	438
256	A practical solution to the pervasive problems ofp values. Psychonomic Bulletin and Review, 2007, 14, 779-804.	2.8	1,919
257	The effects of time pressure on chess skill: an investigation into fast and slow processes underlying expert performance. Psychological Research, 2007, 71, 591-597.	1.7	35
258	Accumulative prediction error and the selection of time series models. Journal of Mathematical Psychology, 2006, 50, 149-166.	1.8	81
259	1/f noise in human cognition: Is it ubiquitous, and what does it mean?. Psychonomic Bulletin and Review, 2006, 13, 737-741.	2.8	75
260	A Bayesian Perspective on Hypothesis Testing. Psychological Science, 2006, 17, 641-642.	3.3	55
261	The Impact of Emotion on Perception. Psychological Science, 2006, 17, 287-291.	3.3	111
262	Long-term priming of neighbours biases the word recognition process: Evidence from a lexical decision task.. Canadian Journal of Experimental Psychology, 2006, 60, 275-284.	0.8	9
263	Postscript: Bayesian Statistical Inference in Psychology: Comment on Trafimow (2003).. Psychological Review, 2005, 112, 668-668.	3.8	3
264	Bayesian statistical inference in psychology: Comment on Trafimow (2003).. Psychological Review, 2005, 112, 662-668.	3.8	105
265	Human Cognition and a Pile of Sand: A Discussion on Serial Correlations and Self-Organized Criticality.. Journal of Experimental Psychology: General, 2005, 134, 108-116.	2.1	108
266	On the relation between the mean and the variance of a diffusion model response time distribution. Journal of Mathematical Psychology, 2005, 49, 195-204.	1.8	67
267	Transformation invariant stochastic catastrophe theory. Physica D: Nonlinear Phenomena, 2005, 211, 263-276.	2.8	61
268	Enemies and Friends in the Neighborhood: Orthographic Similarity Effects in Semantic Categorization.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 121-128.	0.9	28
269	A psychometric analysis of chess expertise. American Journal of Psychology, 2005, 118, 29-60.	0.3	66
270	Nonword Repetition in Lexical Decision: Support for two Opposing Processes. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 2004, 57, 1191-1210.	2.3	29

#	Article	IF	Citations
271	NaÃ¨ve Nonparametric Bootstrap Model Weights Are Biased. Biometrics, 2004, 60, 281-283.	1.4	8
272	A model for evidence accumulation in the lexical decision task. Cognitive Psychology, 2004, 48, 332-367.	2.2	69
273	Estimation and interpretation of 1/fÎ± noise in human cognition. Psychonomic Bulletin and Review, 2004, 11, 579-615.	2.8	285
274	AIC model selection using Akaike weights. Psychonomic Bulletin and Review, 2004, 11, 192-196.	2.8	1,929
275	Assessing model mimicry using the parametric bootstrap. Journal of Mathematical Psychology, 2004, 48, 28-50.	1.8	127
276	Nonword Repetition Priming in Lexical Decision Reverses as a Function of Study Task and Speed Stress.. Journal of Experimental Psychology: Learning Memory and Cognition, 2004, 30, 270-277.	0.9	39
277	Inferring causal networks from observations and interventions. Cognitive Science, 2003, 27, 453-489.	1.7	254
278	Inferring causal networks from observations and interventions. Cognitive Science, 2003, 27, 453-489.	1.7	110
279	10.3389/fpsyg.2012.00132. Time To Knit, 2000, 1, 132.	0.1	26
280	Bayes Factor Design Analysis: Planning for Compelling Evidence. SSRN Electronic Journal, 0, , .	0.4	1
281	Combine Statistical Thinking With Open Scientific Practice: A Protocol of a Bayesian Research Project. Psychology Learning and Teaching, 0, , 147572572210773.	2.0	0