Don van Ravenzwaaij

List of Publications by Year
in descending order

58 papers	2,283 citations	304743 22 h-index	243625 44 g-index
95 all docs	95 docs citations	95 times ranked	3047 citing authors

#	Article	IF	Citations
1	A simple introduction to Markov Chain Monte–Carlo sampling. Psychonomic Bulletin and Review, 2018, 25, 143-154.	2.8	332
2	Hidden multiplicity in exploratory multiway ANOVA: Prevalence and remedies. Psychonomic Bulletin and Review, 2016, 23, 640-647.	2.8	297
3	How to measure post-error slowing: A confound and a simple solution. Journal of Mathematical Psychology, 2012, 56, 208-216.	1.8	177
4	The Quality of Response Time Data Inference: A Blinded, Collaborative Assessment of the Validity of Cognitive Models. Psychonomic Bulletin and Review, 2019, 26, 1051-1069.	2.8	95
5	How to use the diffusion model: Parameter recovery of three methods: EZ, fast-dm, and DMAT. Journal of Mathematical Psychology, 2009, 53, 463-473.	1.8	91
6	The EZ diffusion model provides a powerful test of simple empirical effects. Psychonomic Bulletin and Review, 2017, 24, 547-556.	2.8	75
7	Metastudies for robust tests of theory. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2607-2612.	7.1	74
8	Cognitive model decomposition of the BART: Assessment and application. Journal of Mathematical Psychology, 2011, 55, 94-105.	1.8	71
9	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
10	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
11	An integrated perspective on the relation between response speed and intelligence. Cognition, 2011, 119, 381-393.	2.2	60
12	Individual differences in conflict-monitoring: testing means and covariance hypothesis about the Simon and the Eriksen Flanker task. Psychological Research, 2009, 73, 762-776.	1.7	55
13	A diffusion model decomposition of the effects of alcohol on perceptual decision making. Psychopharmacology, 2012, 219, 1017-1025.	3.1	53
14	Four empirical tests of Unconscious Thought Theory. Organizational Behavior and Human Decision Processes, 2012, 117, 332-340.	2.5	48
15	Bayes factors for superiority, non-inferiority, and equivalence designs. BMC Medical Research Methodology, 2019, 19, 71.	3.1	38
16	Does the Name-Race Implicit Association Test Measure Racial Prejudice?. Experimental Psychology, 2011, 58, 271-277.	0.7	37
17	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
18	Optimal decision making in neural inhibition models.. Psychological Review, 2012, 119, 201-215.	3.8	32

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19	Multiple Perspectives on Inference for Two Simple Statistical Scenarios. American Statistician, 2019, 73, 328-339.	1.6	31
20	Discussion points for Bayesian inference. Nature Human Behaviour, 2020, 4, 561-563.	12.0	31
21	A confirmatory approach for integrating neural and behavioral data into a single model. Journal of Mathematical Psychology, 2017, 76, 131-141.	1.8	28
22	10.3389/fpsyg.2012.00132. Time To Knit, 2000, 1, 132.	0.1	26
23	Severity of illness and adaptive functioning predict quality of care of children among parents with psychosis: A confirmatory factor analysis. Australian and New Zealand Journal of Psychiatry, 2018, 52, 435-445.	2.3	24
24	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
25	When and Why to Replicate: As Easy as 1, 2, 3?. Collabra: Psychology, 2019, 5, .	1.8	22
26	Consensus-based guidance for conducting and reporting multi-analyst studies. ELife, 2021, 10, .	6.0	22
27	Probability matching in risky choice: The interplay of feedback and strategy availability. Memory and Cognition, 2013, 41, 329-338.	1.6	21
28	Of matchers and maximizers: How competition shapes choice under risk and uncertainty. Cognitive Psychology, 2015, 78, 78-98.	2.2	21
29	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
30	Assessing Theoretical Conclusions With Blinded Inference to Investigate a Potential Inference Crisis. Advances in Methods and Practices in Psychological Science, 2019, 2, 335-349.	9.4	20
31	Accumulating advantages: A new conceptualization of rapid multiple choice.. Psychological Review, 2020, 127, 186-215.	3.8	20
32	Credible Confidence: A Pragmatic View on the Frequentist vs Bayesian Debate. Collabra: Psychology, 2018, 4, .	1.8	18
33	A Hierarchical Bayesian Modeling Approach to Searching and Stopping in Multi€Attribute Judgment. Cognitive Science, 2014, 38, 1384-1405.	1.7	17
34	True and false positive rates for different criteria of evaluating statistical evidence from clinical trials. BMC Medical Research Methodology, 2019, 19, 218.	3.1	17
35	Decisions about equivalence: A comparison of TOST, HDI-ROPE, and the Bayes factor.. Psychological Methods, 2023, 28, 740-755.	3.5	17
36	Seven steps toward more transparency in statistical practice. Nature Human Behaviour, 2021, 5, 1473-1480.	12.0	17

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37	Predicting inflammatory bowel disease in children with abdominal pain and diarrhoea: calgranulin-C versus calprotectin stool tests. Archives of Disease in Childhood, 2018, 103, 565-571.	1.9	16
38	A simulation study of the strength of evidence in the recommendation of medications based on two trials with statistically significant results. PLoS ONE, 2017, 12, e0173184.	2.5	16
39	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
40	Simulation Studies as a Tool to Understand Bayes Factors. Advances in Methods and Practices in Psychological Science, 2021, 4, 251524592097262.	9.4	11
41	Now for sure or later with a risk? Modeling risky intertemporal choice as accumulated preference.. Decision, 2020, 7, 91-120.	0.5	10
42	An evidence accumulation model of acoustic cue weighting in vowel perception. Journal of Phonetics, 2017, 61, 1-12.	1.2	8
43	A diffusion decision model analysis of evidence variability in the lexical decision task. Psychonomic Bulletin and Review, 2017, 24, 1949-1956.	2.8	8
44	How best to quantify replication success? A simulation study on the comparison of replication success metrics. Royal Society Open Science, 2021, 8, 201697.	2.4	8
45	SampleSizePlanner: A Tool to Estimate and Justify Sample Size for Two-Group Studies. Advances in Methods and Practices in Psychological Science, 2022, 5, 251524592110540.	9.4	7
46	Rethinking remdesivir for COVID-19: A Bayesian reanalysis of trial findings. PLoS ONE, 2021, 16, e0255093.	2.5	6
47	Two Bayesian tests of the GLOMOsys Model.. Journal of Experimental Psychology: General, 2016, 145, e81-e95.	2.1	5
48	Hold it! The influence of lingering rewards on choice diversification and persistence.. Journal of Experimental Psychology: Learning Memory and Cognition, 2017, 43, 1752-1767.	0.9	4
49	Practical consequences of model misfit when using rating scales to assess the severity of attention problems in children. International Journal of Methods in Psychiatric Research, 2019, 28, e1795.	2.1	3
50	When numbers fail: do researchers agree on operationalization of published research?. Royal Society Open Science, 2021, 8, 191354.	2.4	3
51	Do Researchers Anchor Their Beliefs on the Outcome of an Initial Study?. Experimental Psychology, 2018, 65, 158-169.	0.7	3
52	Paradoxes of optimal decision making: a response to Moran (2014). Psychonomic Bulletin and Review, 2015, 22, 307-308.	2.8	2
53	Replication target selection in clinical psychology: A Bayesian and qualitative reevaluation.. Clinical Psychology: Science and Practice, 2021, 28, 210-221.	0.9	2
54	Is the unconscious, if it exists, a superior decision maker?. Behavioral and Brain Sciences, 2014, 37, 32-33.	0.7	1

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55	Bayesian Frequentists: Examining the Paradox Between What Researchers Can Conclude Versus What They Want to Conclude From Statistical Results. Collabra: Psychology, 2021, 7, .	1.8	1
56	Bayes Factor Model Comparisons Across Parameter Values for Mixed Models. Computational Brain & Behavior, 0, , 1.	1.7	1
57	Comparing the evidential strength for psychotropic drugs: a Bayesian meta-analysis. Psychological Medicine, 2021, 51, 2752-2761.	4.5	1
58	A quantum of truth? Querying the alternative benchmark for human cognition. Behavioral and Brain Sciences, 2013, 36, 300-302.	0.7	0