Generating random correlation matrices based on vines

Citation Report

#	ARTICLE	IF	CITATIONS
1	Vines Arise. , 2010, , 37-71.		10
2	Analysis of Australian Electricity Loads Using Joint Bayesian Inference of D-Vines with Autoregressive Margins. , 2010, , 265-280.		7
3	Sampling Uniformly From the Set of Positive Definite Matrices With Trace Constraint. IEEE Transactions on Signal Processing, 2012, 60, 2167-2179.	3.2	14
4	A method for generating realistic correlation matrices. Annals of Applied Statistics, 2013, 7, .	0.5	41
5	Regime switches in the dependence structure of multidimensional financial data. Computational Statistics and Data Analysis, 2014, 76, 672-686.	0.7	30
6	Using Multilevel Models to Estimate Variation in Foraging Returns. Human Nature, 2014, 25, 100-120.	0.8	43
7	Multiple Imputation for Continuous and Categorical Data: Comparing Joint Multivariate Normal and Conditional Approaches. Political Analysis, 2014, 22, 497-519.	2.8	71
8	Parsimonious parameterization of correlation matrices using truncated vines and factor analysis. Computational Statistics and Data Analysis, 2014, 77, 233-251.	0.7	13
9	Joint density of correlations in the correlation matrix with chordal sparsity patterns. Journal of Multivariate Analysis, 2014, 129, 160-170.	0.5	4
11	Spatial and temporal variation in harvest probabilities for American black duck. Ecology and Evolution, 2015, 5, 1992-2004.	0.8	12
12	UNITY: CONFRONTING SUPERNOVA COSMOLOGYâ€™S STATISTICAL AND SYSTEMATIC UNCERTAINTIES IN A UNIFIED BAYESIAN FRAMEWORK. Astrophysical Journal, 2015, 813, 137.	1.6	68
13	Quantifying Geographic Variation in the Climatic Drivers of Midcontinent Wetlands with a Spatially Varying Coefficient Model. PLoS ONE, 2015, 10, e0126961.	1.1	2
14	Dynamic Asset Correlations Based on Vines. SSRN Electronic Journal, 2015, , .	0.4	1
15	Direct formulation to Cholesky decomposition of a general nonsingular correlation matrix. Statistics and Probability Letters, 2015, 103, 142-147.	0.4	17
16	Distribution of random correlation matrices: Hyperspherical parameterization of the Cholesky factor. Statistics and Probability Letters, 2015, 106, 5-12.	0.4	30
17	Measuring university quality. Scientometrics, 2015, 104, 793-807.	1.6	17
18	Gene expression and TB pathogenesis in rhesus macaques: TR4 , CD40 , CD40L , FAS (CD95), and TNF are host genetic markers in peripheral blood mononuclear cells that are associated with severity of TB lesions. Infection, Genetics and Evolution, 2015, 36, 396-409.	1.0	4
19	Constructing Time-Resolved Species Sensitivity Distributions Using a Hierarchical Toxico-Dynamic Model. Environmental Science & Technology, 2015, 49, 12465-12473.	4.6	17

#	Article	IF	Citations
20	Stan. Journal of Educational and Behavioral Statistics, 2015, 40, 530-543.	1.0	402
21	Global correlation and uncertainty accounting. Dependence Modeling, 2016, 4, .	0.2	2
22	Inference on the Effects of Observed Features in Latent Space Models for Networks. SSRN Electronic Journal, 2016, , .	0.4	0
23	Improving and Validating Survey Estimates of Religious Demography Using Bayesian Multilevel Models and Poststratification. SSRN Electronic Journal, 0, , .	0.4	0
24	Assessing the spatial variability of density dependence in waterfowl populations. Ecography, 2016, 39, 942-953.	2.1	8
25	Towards powerful experimental and statistical approaches to study intraindividual variability in labile traits. Royal Society Open Science, 2016, 3, 160352.	1.1	37
26	Estimating the difference between structure-factor amplitudes using multivariate Bayesian inference. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, 406-411.	0.0	7
27	A Comparison of ML, WLSMV, and Bayesian Methods for Multilevel Structural Equation Models in Small Samples: A Simulation Study. Multivariate Behavioral Research, 2016, 51, 661-680.	1.8	94
28	The effect of demographic correlations on the stochastic population dynamics of perennial plants. Ecological Monographs, 2016, 86, 480-494.	2.4	38
29	Symmetric matrices, Catalan paths, and correlations. Journal of Combinatorial Theory - Series A, 2016, 144, 496-510.	0.5	4
30	Manual hierarchical clustering of regional geochemical data using a Bayesian finite mixture model. Applied Geochemistry, 2016, 75, 200-210.	1.4	9
31	Bayesian analysis of longitudinal multitrait–multimethod data with ordinal response variables. British Journal of Mathematical and Statistical Psychology, 2017, 70, 42-80.	1.0	9
32	Controlling the correlation of cost matrices to assess scheduling algorithm performance on heterogeneous platforms. Concurrency Computation Practice and Experience, 2017, 29, e4185.	1.4	2
33	Terrestrial support of lake food webs: Synthesis reveals controls over cross-ecosystem resource use. Science Advances, 2017, 3, e1601765.	4.7	92
34	Population activity statistics dissect subthreshold and spiking variability in V1. Journal of Neurophysiology, 2017, 118, 29-46.	0.9	5
35	Personalized visual satisfaction profiles from comparative preferences using Bayesian inference. Energy Procedia, 2017, 122, 547-552.	1.8	2
36	Automatic Survey-invariant Classification of Variable Stars. Astrophysical Journal, 2017, 845, 147.	1.6	20
37	Modelling personality, plasticity and predictability in shelter dogs. Royal Society Open Science, 2017, 4, 170618.	1.1	13

#	ARTICLE	IF	CITATIONS
38	Bayesian Piecewise Linear Mixed Models With a Random Change Point. Epidemiology, 2017, 28, 827-833.	1.2	19
39	Random taste heterogeneity in discrete choice models: Flexible nonparametric finite mixture distributions. Transportation Research Part B: Methodological, 2017, 106, 76-101.	2.8	27
40	Properties and comparison of risk capital allocation methods. European Journal of Operational Research, 2017, 259, 614-625.	3.5	26
41	Exploration and recency as the main proximate causes of probability matching: a reinforcement learning analysis. Scientific Reports, 2017, 7, 15326.	1.6	5
42	A Bayesian mixture-of-Gaussians model for astronomical observations in interferometry. , 2017, , .		2
43	Evaluation of Classifier Performance for Multiclass Phenotype Discrimination in Untargeted Metabolomics. Metabolites, 2017, 7, 30.	1.3	43
44	Multivariate Heteroscedasticity Models for Functional Brain Connectivity. Frontiers in Neuroscience, 2017, 11, 696.	1.4	9
45	Hierarchical inference of the relationship between concentration and mass in galaxy groups and clusters. Monthly Notices of the Royal Astronomical Society, 2017, 468, 4872-4886.	1.6	16
46	Rethinking the relationship between pronoun-drop and individualism with Bayesian multilevel models. Journal of Language Evolution, 2017, 2, 188-200.	0.4	5
47	The Vine Philosopher. Dependence Modeling, 2017, 5, 256-267.	0.2	1
48	A parametric texture model based on deep convolutional features closely matches texture appearance for humans. Journal of Vision, 2017, 17, 5.	0.1	40
49	Elastic strain and twist analysis of protein structural data and allostery of the transmembrane channel KcsA. Physical Biology, 2018, 15, 036004.	0.8	5
50	Longitudinal brain imaging in preclinical Alzheimer disease: impact of APOE Îµ4 genotype. Brain, 2018, 141, 1828-1839.	3.7	99
51	The asymptotic distribution of the determinant of a random correlation matrix. Statistica Neerlandica, 2018, 72, 14-33.	0.9	3
52	Directional time-varying partial correlation with the Gaussian copulaâ€"DCCâ€"GARCH model. Applied Economics, 2018, 50, 4418-4426.	1.2	4
53	Dynamic Flexibility in Striatal-Cortical Circuits Supports Reinforcement Learning. Journal of Neuroscience, 2018, 38, 2442-2453.	1.7	82
54	Bayesian estimation of mixed logit models: Selecting an appropriate prior for the covariance matrix. Journal of Choice Modelling, 2018, 29, 133-151.	1.2	24
55	A Parametric Estimation of Total Factor Productivity and Its Components in U.S. Agriculture. American Journal of Agricultural Economics, 2018, 100, 1091-1119.	2.4	21

#	ARTICLE	IF	CITATIONS
56	Drivers of Variability in Publicâ€Supply Water Use Across the Contiguous United States. Water Resources Research, 2018, 54, 1868-1889.	1.7	22
57	ANOVA model for network meta-analysis of diagnostic test accuracy data. Statistical Methods in Medical Research, 2018, 27, 1766-1784.	0.7	63
58	Modeling recurring concepts in data streams: a graph-based framework. Knowledge and Information Systems, 2018, 55, 15-44.	2.1	19
59	Improved information pooling for hierarchical cognitive models through multiple and covaried regression. Behavior Research Methods, 2018, 50, 989-1010.	2.3	5
60	Models of retrieval in sentence comprehension: A computational evaluation using Bayesian hierarchical modeling. Journal of Memory and Language, 2018, 99, 1-34.	1.1	53
61	Using modern methods for missing data analysis with the social relations model: A bridge to social network analysis. Social Networks, 2018, 54, 26-40.	1.3	16
62	Within-subject mediation analysis for experimental data in cognitive psychology and neuroscience. Behavior Research Methods, 2018, 50, 2125-2143.	2.3	63
63	Predicting milk protein responses and the requirement of metabolizable protein by lactating dairy cows. Journal of Dairy Science, 2018, 101, 310-327.	1.4	10
64	The HCUP SID Imputation Project: Improving Statistical Inferences for Health Disparities Research by Imputing Missing Race Data. Health Services Research, 2018, 53, 1870-1889.	1.0	19
65	X vs. Y: An Analysis of Inter-Generational Differences in Transport Mode Use Among Young Adults. SSRN Electronic Journal, 2018, , .	0.4	0
66	A Computational Model of Commonsense Moral Decision Making. , 2018, , .		22
67	Do T-Stat Hurdles Need to Be Raised?: Direct Estimates of False Discoveries in the Cross-Section of Stock Returns. SSRN Electronic Journal, 0, , .	0.4	6
68	A Bayesian multivariate approach to estimating the prevalence of a superordinate category of disorders. International Journal of Methods in Psychiatric Research, 2018, 27, e1742.	1.1	4
69	The Far-Infrared Radio Correlation at low radio frequency with LOFAR/H-ATLAS. Monthly Notices of the Royal Astronomical Society, 2018, 480, 5625-5644.	1.6	26
70	Applying Deep Learning to Derivatives Valuation. SSRN Electronic Journal, 2018, , .	0.4	2
71	Dynamic linear models guide design and analysis of microbiota studies within artificial human guts. Microbiome, 2018, 6, 202.	4.9	54
72	A Mixed-Effects Location Scale Model for Dyadic Interactions. Multivariate Behavioral Research, 2018, 53, 756-775.	1.8	15
73	First, Do No Harm: Predictive Analytics to Reduce In-Hospital Adverse Events. SSRN Electronic Journal, 2018, , .	0.4	1

#	Article	IF	Citations
74	A Bayesian hierarchical latent trait model for estimating rater bias and reliability in large-scale performance assessment. PLoS ONE, 2018, 13, e0195297.	1.1	4
75	Processing of ellipsis with garden-path antecedents in French and German: Evidence from eye tracking. PLoS ONE, 2018, 13, e0198620.	1.1	7
76	Analysis of Isocratic-Chromatographic-Retention Data using Bayesian Multilevel Modeling. Analytical Chemistry, 2018, 90, 13670-13679.	3.2	6
77	The statistical significance filter leads to overoptimistic expectations of replicability. Journal of Memory and Language, 2018, 103, 151-175.	1.1	106
78	RR Lyrae stars as standard candles in the Gaia Data Release 2 Era. Monthly Notices of the Royal Astronomical Society, 2018, 481, 1195-1211.	1.6	100
79	Bayesian data analysis in the phonetic sciences: A tutorial introduction. Journal of Phonetics, 2018, 71, 147-161.	0.6	101
80	Maximum likelihood estimation of skew-t copulas with its applications to stock returns. Journal of Statistical Computation and Simulation, 2018, 88, 2489-2506.	0.7	24
81	Characterizing belief bias in syllogistic reasoning: A hierarchical Bayesian meta-analysis of ROC data. Psychonomic Bulletin and Review, 2018, 25, 2141-2174.	1.4	13
82	Temporal multivariate pattern analysis (tMVPA): A single trial approach exploring the temporal dynamics of the BOLD signal. Journal of Neuroscience Methods, 2018, 308, 74-87.	1.3	10
83	Targeting Mr. or Mrs. Smith: Modeling and Leveraging Intrahousehold Heterogeneity in Brand Choice Behavior. Marketing Science, 2018, 37, 631-648.	2.7	6
84	Robust mixture modeling reveals category-free selectivity in reward region neuronal ensembles. Journal of Neurophysiology, 2018, 119, 1305-1318.	0.9	32
85	Conservative cosmology: combining data with allowance for unknown systematics. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 002-002.	1.9	31
86	Using Hamiltonian Monte Carlo to estimate the log-linear cognitive diagnosis model via Stan. Behavior Research Methods, 2019, 51, 651-662.	2.3	32
87	Estimating Smooth Country–Year Panels of Public Opinion. Political Analysis, 2019, 27, 1-20.	2.8	35
88	Confronting Quasi-Separation in Logistic Mixed Effects for Linguistic Data: A Bayesian Approach. Journal of Quantitative Linguistics, 2019, 26, 231-255.	0.7	11
89	Predicting Time to Reclassification for English Learners: A Joint Modeling Approach. Journal of Educational and Behavioral Statistics, 2019, 44, 78-102.	1.0	1
90	Age-related differences in recall and recognition: a meta-analysis. Psychonomic Bulletin and Review, 2019, 26, 1529-1547.	1.4	64
91	From individual to joint species distribution models: A comparison of model complexity and predictive performance. Journal of Biogeography, 2019, 46, 2260-2274.	1.4	18

#	Article	IF	Citations
92	Ethical and Statistical Considerations in Models of Moral Judgments. Frontiers in Robotics and AI, 2019, 6, 39.	2.0	3
93	Development of a common patient assessment scale across the continuum of care: A nested multiple imputation approach. Annals of Applied Statistics, 2019, 13, .	0.5	5
94	Multivariate temporal modeling of crime with dynamic linear models. PLoS ONE, 2019, 14, e0218375.	1.1	2
95	Modeling biodiversity benchmarks in variable environments. Ecological Applications, 2019, 29, e01970.	1.8	9
96	Modern Statistical Methods for Spatial and Multivariate Data. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2019, , .	0.0	1
97	A hierarchical Bayesian state trace analysis for assessing monotonicity while factoring out subject, item, and trial level dependencies. Journal of Mathematical Psychology, 2019, 90, 118-131.	1.0	0
98	Model selection for Bayesian linear mixed models with longitudinal data: Sensitivity to the choice of priors. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 1591-1615.	0.6	10
99	Using degradation models to assess pipeline life. Applied Stochastic Models in Business and Industry, 2019, 35, 1411-1430.	0.9	3
100	Parametric supplements to systems factorial analysis: Identifying interactive parallel processing using systems of accumulators. Journal of Mathematical Psychology, 2019, 92, 102247.	1.0	1
101	A predictive analytics framework for identifying patients at risk of developing multiple medical complications caused by chronic diseases. Artificial Intelligence in Medicine, 2019, 101, 101750.	3.8	8
102	Multiscale characterization of heart failure. Acta Biomaterialia, 2019, 86, 66-76.	4.1	29
103	Development of a Parsimonious Design for Optimal Classification of Exclusive Breastfeeding. CPT: Pharmacometrics and Systems Pharmacology, 2019, 8, 596-605.	1.3	6
104	Accounting for Uncertainty: An Application of Bayesian Methods to Accruals Models. SSRN Electronic Journal, 0, , .	0.4	2
105	Identity fusion, outgroup relations, and sacrifice: A cross-cultural test. Cognition, 2019, 186, 1-6.	1.1	16
106	Modelling of oscillatory cortisol response in horses using a Bayesian population approach for evaluation of dexamethasone suppression test protocols. Journal of Pharmacokinetics and Pharmacodynamics, 2019, 46, 75-87.	0.8	3
107	Using machine learning to characterize heart failure across the scales. Biomechanics and Modeling in Mechanobiology, 2019, 18, 1987-2001.	1.4	53
108	Social traits from stochastic paths in the core affect space. , 2019, , .		1
109	An integrative Bayesian approach to matrixâ€based analysis in neuroimaging. Human Brain Mapping, 2019, 40, 4072-4090.	1.9	24

#	Article	IF	Citations
110	A tutorial on Dirichlet process mixture modeling. Journal of Mathematical Psychology, 2019, 91, 128-144.	1.0	36
111	A Bayesian nonlinear mixed-effects location scale model for learning. Behavior Research Methods, 2019, 51, 1968-1986.	2.3	13
112	Multi-factor analysis in language production: Sequential sampling models mimic and extend regression results. Cognitive Neuropsychology, 2019, 36, 234-264.	0.4	0
114	A Sequential Bayesian Partitioning Approach for Online Steady-State Detection of Multivariate Systems. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1882-1895.	3.4	4
115	Achieving parsimony in Bayesian vector autoregressions with the horseshoe prior. Econometrics and Statistics, 2019, 11, 130-144.	0.4	11
116	Hippocampal Contributions to Model-Based Planning and Spatial Memory. Neuron, 2019, 102, 683-693.e4.	3.8	119
117	Predicting time to dementia using a quantitative template of disease progression. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 205-215.	1.2	22
118	Antecedent access mechanisms in pronoun processing: evidence from the N400. Language, Cognition and Neuroscience, 2019, 34, 641-661.	0.7	3
119	Estimating relationships between size and fecundity in the threatened giant garter snake in seminatural and agricultural wetlands. Population Ecology, 2019, 61, 141-149.	0.7	1
120	Population pharmacokinetic reanalysis of a Diazepam PBPK model: a comparison of Stan and GNU MCSim. Journal of Pharmacokinetics and Pharmacodynamics, 2019, 46, 173-192.	0.8	14
121	Simulating realistic correlation matrices for financial applications: correlation matrices with the Perron–Frobenius property. Journal of Statistical Computation and Simulation, 2019, 89, 315-336.	0.7	11
122	Correlating paleoclimate time series: Sources of uncertainty and potential pitfalls. Quaternary Science Reviews, 2019, 212, 69-79.	1.4	8
123	Theoretical Production Restrictions and Agricultural Technology in the United States. American Journal of Agricultural Economics, 2019, 101, 849-869.	2.4	3
124	Dial M for monotonic: A kernel-based Bayesian approach to state-trace analysis. Journal of Mathematical Psychology, 2019, 90, 100-117.	1.0	2
125	Bayesian data analysis as a tool for behavior analysts. Journal of the Experimental Analysis of Behavior, 2019, 111, 225-238.	0.8	16
126	Financial literacy and household finances: A Bayesian two-part latent variable modeling approach. Journal of Empirical Finance, 2019, 51, 119-137.	0.9	56
127	Life course social connectedness: Age-cohort trends in social participation. Advances in Life Course Research, 2019, 39, 13-22.	0.8	33
128	Hierarchical Bayesian model to infer *PL(Z)* relations using *Gaia* parallaxes. Astronomy and Astrophysics, 2019, 623, A156.	2.1	6

#	Article	IF	Citations
129	Differential co-expression-based detection of conditional relationships in transcriptional data: comparative analysis and application to breast cancer. Genome Biology, 2019, 20, 236.	3.8	53
130	Uniform Sampling of One Factor Correlation Matrices with Applications to Psychometric Research. Measurement, 2019, 17, 200-208.	0.1	1
131	Guidelines for Enhancing the Signature of Multi-element Mineralization Using Principal Component Analysis: Part 1â€"Monte Carlo Simulation. Natural Resources Research, 2019, 28, 431-442.	2.2	2
132	On the dynamics of social hierarchy: A longitudinal investigation of the rise and fall of prestige, dominance, and social rank in naturalistic task groups. Evolution and Human Behavior, 2019, 40, 222-234.	1.4	68
133	Development of a nonlinear hierarchical model to describe the disposition of deuterium in motherâ€"infant pairs to assess exclusive breastfeeding practice. Journal of Pharmacokinetics and Pharmacodynamics, 2019, 46, 1-13.	0.8	23
134	Forecasting Elections in Multiparty Systems: AÂBayesian Approach Combining Polls and Fundamentals. Political Analysis, 2019, 27, 255-262.	2.8	17
135	On consistency of the MACML approach to discrete choice modelling. Journal of Choice Modelling, 2019, 30, 1-16.	1.2	3
136	Handling Multiplicity in Neuroimaging Through Bayesian Lenses with Multilevel Modeling. Neuroinformatics, 2019, 17, 515-545.	1.5	66
137	Joint longitudinal and time-to-event models for multilevel hierarchical data. Statistical Methods in Medical Research, 2019, 28, 3502-3515.	0.7	29
138	Bayesian latent time joint mixed effect models for multicohort longitudinal data. Statistical Methods in Medical Research, 2019, 28, 835-845.	0.7	41
139	Reference-free error estimation for multiple measurement methods. Statistical Methods in Medical Research, 2019, 28, 2196-2209.	0.7	3
140	DYNAMIC ASSET CORRELATIONS BASED ON VINES. Econometric Theory, 2019, 35, 167-197.	0.6	3
141	Generating Correlation Matrices With Specified Eigenvalues Using the Method of Alternating Projections. American Statistician, 2020, 74, 21-28.	0.9	5
142	Improving and Validating Survey Estimates of Religious Demography Using Bayesian Multilevel Models and Poststratification. Sociological Methods and Research, 2020, 49, 603-636.	4.3	5
143	X vs. Y: an analysis of intergenerational differences in transport mode use among young adults. Transportation, 2020, 47, 2203-2231.	2.1	5
144	Generating random correlation matrices with fixed values: An application to the evaluation of multivariate surrogate endpoints. Computational Statistics and Data Analysis, 2020, 142, 106834.	0.7	2
145	Practical Priors for Bayesian Inference of Latent Biomarkers. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 396-406.	3.9	0
146	A partial correlation vine based approach for modeling and forecasting multivariate volatility time-series. Computational Statistics and Data Analysis, 2020, 142, 106810.	0.7	0

#	ARTICLE	IF	CITATIONS
147	The effects of syntactic pressures and pragmatic considerations on predictive dependency formation. Language, Cognition and Neuroscience, 2020, 35, 256-272.	0.7	2
148	Using Response Times for Joint Modeling of Response and Omission Behavior. Multivariate Behavioral Research, 2020, 55, 425-453.	1.8	32
149	Polytomous item explanatory IRT models with random item effects: Concepts and an application. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107062.	2.5	0
150	Acute peripheral inflammation and post–traumatic sleep differ between sexes after experimental diffuse brain injury. European Journal of Neuroscience, 2020, 52, 2791-2814.	1.2	30
151	A hierarchical latent response model for inferences about examinee engagement in terms of guessing and item–level non–response. British Journal of Mathematical and Statistical Psychology, 2020, 73, 83-112.	1.0	51
152	Explaining variability in tourist preferences: A Bayesian model well suited to small samples. Tourism Management, 2020, 78, 104067.	5.8	8
153	Interference patterns in subject-verb agreement and reflexives revisited: A large-sample study. Journal of Memory and Language, 2020, 111, 104063.	1.1	65
154	Spatial variation in exploited metapopulations obscures risk of collapse. Ecological Applications, 2020, 30, e02051.	1.8	21
155	Emerging RHDV2 suppresses the impact of endemic and novel strains of RHDV on wild rabbit populations. Journal of Applied Ecology, 2020, 57, 630-641.	1.9	30
156	A new mixed–effects mixture model for constrained longitudinal data. Statistics in Medicine, 2020, 39, 129-145.	0.8	11
157	An Optimized Bayesian Hierarchical Two-Parameter Logistic Model for Small-Sample Item Calibration. Applied Psychological Measurement, 2020, 44, 311-326.	0.6	9
158	Bayesian analysis for uncertainty quantification of in situ stress data. International Journal of Rock Mechanics and Minings Sciences, 2020, 134, 104381.	2.6	8
159	Correlation matrices with average constraints. Statistics and Probability Letters, 2020, 165, 108868.	0.4	2
160	Health news sharing is reflected in distributed reward-related brain activity. Social Cognitive and Affective Neuroscience, 2020, 15, 1111-1119.	1.5	5
161	Exploiting relationships between outcomes in Bayesian multivariate network meta–analysis with an application to relapsing–remitting multiple sclerosis. Statistics in Medicine, 2020, 39, 3329-3346.	0.8	3
162	A spatial community regression approach to exploratory analysis of ecological data. Methods in Ecology and Evolution, 2020, 11, 608-620.	2.2	3
163	The relative importance of plasticity versus genetic differentiation in explaining between population differences; a meta–analysis. Ecology Letters, 2020, 23, 1432-1441.	3.0	48
164	Quadruplex Negatio Invertit? The On-Line Processing of Depth Charge Sentences. Journal of Semantics, 2020, 37, 509-555.	0.6	10

#	ARTICLE	IF	CITATIONS
165	Re-examining the use of the LSI technique in zooarchaeology. Journal of Archaeological Science, 2020, 123, 105254.	1.2	14
166	Kinematic modelling of clusters with <i>Gaia</i>: the death throes of the Hyades. Monthly Notices of the Royal Astronomical Society, 2020, 498, 1920-1938.	1.6	13
167	An assessment of statistical methods for nonindependent data in ecological meta‑analyses. Ecology, 2020, 101, e03184.	1.5	31
168	Analogy, complexity and predictability in the Russian nominal inflection system. Morphology, 2020, 30, 219-262.	0.8	13
169	The shape of partial correlation matrices. Communications in Statistics - Theory and Methods, 2022, 51, 4133-4150.	0.6	2
170	A Bayesian model for truncated regression for the estimation of empirical ground-motion models. Bulletin of Earthquake Engineering, 2020, 18, 6149-6179.	2.3	9
171	Spatial and covariate-varying relationships among dominant tree species in Utah. Environmental and Ecological Statistics, 2020, 27, 591-607.	1.9	0
172	Structured speaker variability in Japanese stops: Relationships within versus across cues to stop voicing. Journal of the Acoustical Society of America, 2020, 148, 793-804.	0.5	7
173	On generating random Gaussian graphical models. International Journal of Approximate Reasoning, 2020, 125, 240-250.	1.9	2
174	Linearized Robust Counterparts of Two-Stage Robust Optimization Problems with Applications in Operations Management. INFORMS Journal on Computing, 2021, 33, 1138-1161.	1.0	7
175	Trait Disinhibition and NoGo Event-Related Potentials in Violent Mentally Disordered Offenders and Healthy Controls. Frontiers in Psychiatry, 2020, 11, 577491.	1.3	7
176	The default network of the human brain is associated with perceived social isolation. Nature Communications, 2020, 11, 6393.	5.8	108
177	An exploratory factor model for ordinal paired comparison indicators. Heliyon, 2020, 6, e04821.	1.4	3
178	Population Pharmacodynamic Modeling of Epoetin Alfa in End‑Stage Renal Disease Patients Receiving Maintenance Treatment Using Bayesian Approach. CPT: Pharmacometrics and Systems Pharmacology, 2020, 9, 596-605.	1.3	0
179	Anticipating words during spoken discourse comprehension: A large-scale, pre-registered replication study using brain potentials. Cortex, 2020, 133, 1-36.	1.1	16
180	A Bayesian Approach for Inferring the Impact of a Discrete Character on Rates of Continuous-Character Evolution in the Presence of Background-Rate Variation. Systematic Biology, 2020, 69, 530-544.	2.7	28
181	A Bayesian Approach to Regional Decadal Predictability: Sparse Parameter Estimation in High-Dimensional Linear Inverse Models of High-Latitude Sea Surface Temperature Variability. Journal of Climate, 2020, 33, 6065-6081.	1.2	4
182	Estimation of Personalized Heterogeneous Treatment Effects Using Concatenation and Augmentation of Feature Vectors. International Journal on Artificial Intelligence Tools, 2020, 29, 2050005.	0.7	1

#	ARTICLE	IF	CITATIONS
183	Latent Ornstein–Uhlenbeck models for Bayesian analysis of multivariate longitudinal categorical responses. Biometrics, 2021, 77, 689-701.	0.8	4
184	Provider Contributions to Disparities in Mental Health Care. Psychiatric Services, 2020, 71, 765-771.	1.1	4
185	Joint modeling of the two-alternative multidimensional forced-choice personality measurement and its response time by a Thurstonian D-diffusion item response model. Behavior Research Methods, 2020, 52, 1091-1107.	2.3	12
186	Unveil stock correlation via a new tensor-based decomposition method. Journal of Computational Science, 2020, 46, 101116.	1.5	6
187	Experimentally assessing the effect of search effort on snare detectability. Biological Conservation, 2020, 247, 108581.	1.9	11
188	Root phenotypes at maturity in diverse wheat and triticale genotypes grown in three field experiments: Relationships to shoot selection, biomass, grain yield, flowering time, and environment. Field Crops Research, 2020, 255, 107870.	2.3	25
189	Hierarchical Bayesian modeling to evaluate the impacts of intelligent speed adaptation considering individuals' usual speeding tendencies: A correlated random parameters approach. Analytic Methods in Accident Research, 2020, 27, 100125.	4.7	8
190	Gender interference in processing Chinese compound reflexive: evidence from reading eye-tracking. Language, Cognition and Neuroscience, 2020, 35, 1355-1370.	0.7	5
191	The impact of covariance priors on arm–based Bayesian network meta–analyses with binary outcomes. Statistics in Medicine, 2020, 39, 2883-2900.	0.8	12
192	Religious belief and cognitive conflict sensitivity: A preregistered fMRI study. Cortex, 2020, 129, 247-265.	1.1	10
193	Toward "English" Phonetics: Variability in the Pre-consonantal Voicing Effect Across English Dialects and Speakers. Frontiers in Artificial Intelligence, 2020, 3, 38.	2.0	4
194	Multilevel modelling as a tool to include variability and uncertainty in quantitative microbiology and risk assessment. Thermal inactivation of Listeria monocytogenes as proof of concept. Food Research International, 2020, 137, 109374.	2.9	38
195	Proportional odds assumption for modeling longitudinal ordinal multiple toxicity outcomes in dose finding studies of targeted agents: A pooled analysis of 54 studies. Contemporary Clinical Trials Communications, 2020, 17, 100529.	0.5	0
196	Joint models with multiple longitudinal outcomes and a time-to-event outcome: a corrected two-stage approach. Statistics and Computing, 2020, 30, 999-1014.	0.8	24
197	Extracting Agronomic Information from SMOS Vegetation Optical Depth in the US Corn Belt Using a Nonlinear Hierarchical Model. Remote Sensing, 2020, 12, 827.	1.8	5
198	Parametrising correlation matrices. Journal of Multivariate Analysis, 2020, 178, 104619.	0.5	10
199	Forecasting intensifying disturbance effects on coral reefs. Global Change Biology, 2020, 26, 2785-2797.	4.2	46
200	Efficient data augmentation for multivariate probit models with panel data: an application to general practitioner decision making about contraceptives. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 277-300.	0.5	1

#	ARTICLE	IF	CITATIONS
201	When can we improve on sample average approximation for stochastic optimization?. Operations Research Letters, 2020, 48, 566-572.	0.5	2
202	Psychometric analysis of forensic examiner behavior. Behaviormetrika, 2020, 47, 355-384.	0.9	7
203	Humans primarily use model-based inference in the two-stage task. Nature Human Behaviour, 2020, 4, 1053-1066.	6.2	69
204	A new approach for handling missing correlation values for meta‐analytic structural equation modeling: Corboundary R package. Campbell Systematic Reviews, 2020, 16, e1068.	1.2	0
205	Reduced scale model qualification of 5‐L and 250‐ml bioreactors using multivariant visualization and Bayesian inferential methods. Biotechnology and Bioengineering, 2020, 117, 1337-1347.	1.7	1
206	The linear and nonlinear effects of organized extracurricular activities on Chinese Preschoolers' development. Contemporary Educational Psychology, 2020, 60, 101845.	1.6	13
207	On the Use of Correlation and MI as a Measure of Metabolite—Metabolite Association for Network Differential Connectivity Analysis. Metabolites, 2020, 10, 171.	1.3	20
208	Effects of ocean climate on spatiotemporal variation in sea urchin settlement and recruitment. Limnology and Oceanography, 2020, 65, 2076-2091.	1.6	24
209	Bayesian pooling versus sequential integration of small preclinical trials: a comparison within linear and nonlinear modeling frameworks. Journal of Biopharmaceutical Statistics, 2021, 31, 25-36.	0.4	0
210	Serial correlation structures in latent linear mixed models for analysis of multivariate longitudinal ordinal responses. Statistics in Medicine, 2021, 40, 578-592.	0.8	1
211	Assessing importance of biomarkers: A Bayesian joint modelling approach of longitudinal and survival data with semi-competing risks. Statistical Modelling, 2021, 21, 30-55.	0.5	5
212	Relaxed Random Walks at Scale. Systematic Biology, 2021, 70, 258-267.	2.7	19
213	Neonatal spectral EEG is prognostic of cognitive abilities at school age in premature infants without overt brain damage. European Journal of Pediatrics, 2021, 180, 909-918.	1.3	18
214	Pairwise estimation of multivariate longitudinal outcomes in a Bayesian setting with extensions to the joint model. Statistical Modelling, 2021, 21, 115-136.	0.5	2
215	Density‐Dependent Changes in Grass Carp Growth and Mortality in Long‐Term Aquatic Plant Management. North American Journal of Fisheries Management, 2021, 41, 355-365.	0.5	6
216	Explanatory Item Response Models for Dyadic Data from Multiple Groups. Sociological Methodology, 2021, 51, 112-145.	1.4	1
217	Noisy is better than rare: Comprehenders compromise subject-verb agreement to form more probable linguistic structures. Cognitive Psychology, 2021, 124, 101359.	0.9	13
218	Evaluation of Single Sample Network Inference Methods for Metabolomics-Based Systems Medicine. Journal of Proteome Research, 2021, 20, 932-949.	1.8	11

#	Article	IF	Citations
219	To pool or not to pool: Can we ignore cross-trial variability in FMRI?. NeuroImage, 2021, 225, 117496.	2.1	21
220	How reliable are individual differences in eye movements in reading?. Journal of Memory and Language, 2021, 116, 104190.	1.1	19
221	Synthetic Microdata for Establishment Surveys Under Informative Sampling. Journal of the Royal Statistical Society Series A: Statistics in Society, 2021, 184, 255-281.	0.6	4
222	Testing the Homogeneity Hypothesis of Personality: Replication and Extension across European Countries, Industry Sectors and Organizations. European Management Review, 2021, 18, 59-78.	2.2	1
223	Modeling Item Revisit Behavior: The Hierarchical Speedâ€"Accuracyâ€"Revisits Model. Educational and Psychological Measurement, 2021, 81, 363-387.	1.2	16
224	From Nuisance to Novel Research Questions: Using Multilevel Models to Predict Heterogeneous Variances. Organizational Research Methods, 2021, 24, 342-388.	5.6	16
225	Modeling Sentence Comprehension Deficits in Aphasia: A Computational Evaluation of the Direct-access Model of Retrieval. , 2021, , .		1
226	cCorrGAN: Conditional Correlation GAN for Learning Empirical Conditional Distributions in the Elliptope. Lecture Notes in Computer Science, 2021, , 613-620.	1.0	1
227	Accounting for lexical tones when modeling phonological distance. Language, 2021, 97, e39-e67.	0.3	4
228	The Dark Side of Category Expansion: Will (and Which) Existing Ones "Pay the Price"?. SSRN Electronic Journal, 0, , .	0.4	0
229	Calibration of Heterogeneous Treatment Effects in Random Experiments. SSRN Electronic Journal, 0, , .	0.4	1
230	Gradual decay and sudden death of short-term memory for pitch. Journal of the Acoustical Society of America, 2021, 149, 259-270.	0.5	0
232	The effects of a â€œblack swanâ€•event (COVID-19) on herding behavior in cryptocurrency markets. Journal of International Financial Markets, Institutions and Money, 2021, 75, 101321.	2.1	113
233	Linear Ballistic Accumulator Item Response Theory Model for Multidimensional Multiple-Alternative Forced-Choice Measurement of Personality. Multivariate Behavioral Research, 2022, 57, 658-678.	1.8	3
234	The differential effects of vowel and onset consonant lengthening on speech segmentation: Evidence from Taiwanese Southern Min. Journal of the Acoustical Society of America, 2021, 149, 1866-1877.	0.5	1
235	Large-scale inference of correlation among mixed-type biological traits with phylogenetic multivariate probit models. Annals of Applied Statistics, 2021, 15, .	0.5	10
236	How weather affects the decomposition of total factor productivity in U.S. agriculture. Agricultural Economics (United Kingdom), 2021, 52, 215-234.	2.0	13
237	Creative Destruction: The Structural Consequences of Scientific Curation. American Sociological Review, 2021, 86, 341-376.	2.8	38

#	ARTICLE	IF	CITATIONS
238	Climate Change May Cause Shifts in Growth and Instantaneous Natural Mortality of American Shad Throughout Their Native Range. Transactions of the American Fisheries Society, 2021, 150, 407-421.	0.6	9
239	Application of Bayesian Multilevel Modeling in the Quantitative Structure–Retention Relationship Studies of Heterogeneous Compounds. Analytical Chemistry, 2021, 93, 6961-6971.	3.2	8
240	A Computational Evaluation of Two Models of Retrieval Processes in Sentence Processing in Aphasia. Cognitive Science, 2021, 45, e12956.	0.8	14
241	Livestream Experiments: The Role of COVID-19, Agency, Presence, and Social Context in Facilitating Social Connectedness. Frontiers in Psychology, 2021, 12, 647929.	1.1	26
242	Structural Brain Correlates of the Externalizing Spectrum in Young Adults. Neuroscience, 2021, 463, 1-13.	1.1	1
243	Development and Validation of an <i>In Silico</i> Decision Tool To Guide Optimization of Intravenous Artesunate Dosing Regimens for Severe Falciparum Malaria Patients. Antimicrobial Agents and Chemotherapy, 2021, 65, .	1.4	1
244	Scale–dependent effects of niche specialisation: The disconnect between individual and species ranges. Ecology Letters, 2021, 24, 1408-1419.	3.0	13
245	The effects of divided attention at encoding on specific and gist-based associative episodic memory. Memory and Cognition, 2022, 50, 59-76.	0.9	13
246	Does Local Coherence Lead to Targeted Regressions and Illusions of Grammaticality?. Open Mind, 2021, 5, 1-17.	0.6	1
247	Modeling nematode population dynamics using a multivariate poisson model with spike and slab variable selection. Journal of Applied Statistics, 0, , 1-20.	0.6	0
248	Efficient Bayesian inference of general Gaussian models on large phylogenetic trees. Annals of Applied Statistics, 2021, 15, .	0.5	7
249	A Bayesian nonparametric approach for inferring drug combination effects on mental health in people with HIV. Biometrics, 2022, 78, 988-1000.	0.8	4
250	Effects of early-life conditions on innate immune function in adult zebra finches. Journal of Experimental Biology, 2021, 224, .	0.8	2
251	The influence of long-term memory on working memory: Age-differences in proactive facilitation and interference. Psychonomic Bulletin and Review, 2021, , 1.	1.4	2
252	Estimating the probability of coincidental similarity between atomic displacement parameters with machine learning. Machine Learning: Science and Technology, 2021, 2, 035033.	2.4	1
253	Sensory coding and the causal impact of mouse cortex in a visual decision. ELife, 2021, 10, .	2.8	63
254	Evaluation of Strain Variability in Inactivation of Campylobacter jejuni in Simulated Gastric Fluid by Using Hierarchical Bayesian Modeling. Applied and Environmental Microbiology, 2021, 87, e0091821.	1.4	5
255	One but not two grandmothers increased child survival in poorer families in west Bohemian population, 1708–1834. Behavioral Ecology, 0, , .	1.0	5

#	ARTICLE	IF	CITATIONS
256	Adjusting for partial invariance in latent parameter estimation: Comparing forward specification search and approximate invariance methods. Behavior Research Methods, 2022, 54, 414-434.	2.3	9
257	Modulation of the Primary Auditory Thalamus When Recognizing Speech with Background Noise. Journal of Neuroscience, 2021, 41, 7136-7147.	1.7	6
258	Quantifying the Response of Nitrogen Speciation to Hydrology in the Chesapeake Bay Watershed Using a Multilevel Modeling Approach. Journal of the American Water Resources Association, 2022, 58, 792-804.	1.0	1
259	Human hand movement recognition using infinite hidden Markov model based sEMG classification. Biomedical Signal Processing and Control, 2021, 68, 102592.	3.5	9
260	Speaking clearly improves speech segmentation by statistical learning under optimal listening conditions. Laboratory Phonology, 2021, 12, 14.	0.3	2
261	Between-Item Multidimensional IRT: How Far Can the Estimation Methods Go?. Psych, 2021, 3, 404-421.	0.7	7
262	Causal mediation analysis between resistance exercise and reduced risk of cardiovascular disease based on the Aerobics Center Longitudinal Study. Journal of Applied Statistics, 0, , 1-18.	0.6	0
263	Speakers Coarticulate Less When Facing Real and Imagined Communicative Difficulties: An Analysis of Read and Spontaneous Speech from the LUCID Corpus. , 0, , .		0
264	Can Visualization Alleviate Dichotomous Thinking? Effects of Visual Representations on the Cliff Effect. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 3397-3409.	2.9	20
265	ON COMPLEX ECONOMIC SCENARIO GENERATORS: IS LESS MORE?. ASTIN Bulletin, 2021, 51, 779-812.	0.7	1
266	Bayesian Multilevel Models for Count Data. Journal of the Nigerian Society of Physical Sciences, 0, , 224-233.	0.0	1
267	Bayesian multi-response nonlinear mixed-effect model: application of two recent HIV infection biomarkers. International Journal of Biostatistics, 2021, .	0.4	0
268	A Latent Auto-Regressive Approach for Bayesian Structural Equation Modeling of Spatially or Socially Dependent Data. Multivariate Behavioral Research, 2023, 58, 90-114.	1.8	1
269	Computational analysis of spoken language in acute psychosis and mania. Schizophrenia Research, 2022, 245, 97-115.	1.1	6
270	Bayesian Estimation of Correlation Matrices of Longitudinal Data. Bayesian Analysis, 2021, 16, .	1.6	9
271	The Reading Signatures of Agreement Attraction. Open Mind, 2021, 5, 132-153.	0.6	6
272	Nowcasting GDP Using Dynamic Factor Model with Unknown Number of Factors and Stochastic Volatility: A Bayesian Approach. Econometrics and Statistics, 2021, , .	0.4	0
273	Fitting Multilevel Vector Autoregressive Models in Stan, JAGS, and Mplus. Structural Equation Modeling, 2022, 29, 452-475.	2.4	10

#	Article	IF	Citations
274	Index + Factors + Alpha. Financial Analysts Journal, 0, , 1-20.	1.2	1
275	Accounting for post‑randomization variables in meta‑analysis: A joint meta‑regression approach. Biometrics, 2023, 79, 358-367.	0.8	0
276	A Bayesian latent class mixture model with censoring for correlation analysis in antimicrobial resistance across populations. BMC Medical Research Methodology, 2021, 21, 186.	1.4	2
277	A combined estimate of global temperature. Environmetrics, 2022, 33, e2706.	0.6	6
278	Improving short-term recruitment forecasts for coho salmon using a spatiotemporal integrated population model. Fisheries Research, 2021, 242, 106014.	0.9	6
279	A model for naturalistic glance behavior around Tesla Autopilot disengagements. Accident Analysis and Prevention, 2021, 161, 106348.	3.0	19
280	Social skills and psychopathology are associated with autonomic function in children: a cross-sectional observational study. Neural Regeneration Research, 2022, 17, 920.	1.6	4
281	Reconsidering the Duchenne Smile: Formalizing and Testing Hypotheses About Eye Constriction and Positive Emotion. Affective Science, 2021, 2, 32-47.	1.5	10
282	A Bayesian Approach to Incorporating Spatiotemporal Variation and Uncertainty Limits into Modeling of Predicted Environmental Concentrations from Chemical Monitoring Campaigns. Environmental Science & Technology, 2021, 55, 1699-1709.	4.6	5
283	Comparison of Hyperpriors for Modeling the Intertrait Correlation in a Multidimensional IRT Model. Springer Proceedings in Mathematics and Statistics, 2019, , 205-219.	0.1	1
285	Pair-Copula Constructions of Multivariate Copulas. Lecture Notes in Statistics, 2010, , 93-109.	0.1	127
287	Hierarchical Bayesian continuous time dynamic modeling.. Psychological Methods, 2018, 23, 774-799.	2.7	76
288	Information and processes underlying semantic and episodic memory across tasks, items, and individuals.. Journal of Experimental Psychology: General, 2018, 147, 545-590.	1.5	19
289	Assumptions of the process-dissociation procedure are violated in implicit sequence learning.. Journal of Experimental Psychology: Learning Memory and Cognition, 2019, 45, 641-676.	0.7	4
290	An Introduction to Bayesian Multilevel Models Using brms: A Case Study of Gender Effects on Vowel Variability in Standard Indonesian. Journal of Speech, Language, and Hearing Research, 2019, 62, 1225-1242.	0.7	96
291	Dynamic social learning in temporally and spatially variable environments. Royal Society Open Science, 2020, 7, 200734.	1.1	29
299	Bayesian machine learning improves single-wavelength anomalous diffraction phasing. Acta Crystallographica Section A: Foundations and Advances, 2019, 75, 851-860.	0.0	11
300	Predicting paleoclimate from compositional data using multivariate Gaussian process inverse prediction. Annals of Applied Statistics, 2019, 13, .	0.5	2

#	Article	IF	Citations
301	Additive Multivariate Gaussian Processes for Joint Species Distribution Modeling with Heterogeneous Data. Bayesian Analysis, 2020, 15, .	1.6	12
302	Strong Expectations Cancel Locality Effects: Evidence from Hindi. PLoS ONE, 2014, 9, e100986.	1.1	57
303	Multilevel Models for the Distribution of Hosts and Symbionts. PLoS ONE, 2016, 11, e0165768.	1.1	7
304	**brms**: An *R* Package for Bayesian Multilevel Models Using *Stan*. Journal of Statistical Software, 2017, 80, .	1.8	4,335
305	Bayesian linear mixed models using Stan: A tutorial for psychologists, linguists, and cognitive scientists. The Quantitative Methods for Psychology, 2016, 12, 175-200.	0.6	102
306	Control of the False Discovery Rate Under Dependence Using the Bootstrap and Subsampling. SSRN Electronic Journal, 0, , .	0.4	8
307	Vine Regression. SSRN Electronic Journal, 0, , .	0.4	8
308	How Fairness-Consciousness Affects Consumerss Willingness-to-Pay for Fair Product Attributes: Insights From an Advanced Estimation Approach. SSRN Electronic Journal, 0, , .	0.4	1
309	Healthcare Predictive Analytics for Risk Profiling in Chronic Care: A Bayesian Multitask Learning Approach. MIS Quarterly: Management Information Systems, 2017, 41, 473-495.	3.1	93
310	Meta-analysis of the relationship between milk trans-10 C18:1, milk fatty acids <16 C, and milk fat production. Journal of Dairy Science, 2020, 103, 10195-10206.	1.4	20
311	Vowel duration and the voicing effect across English dialects. Toronto Working Papers in Linguistics, 2019, 41, .	0.4	3
312	BAYESIAN INFERENCE FOR A COVARIANCE MATRIX. Conference on Applied Statistics in Agriculture, 0, , .	0.0	42
313	Adaptation of olfactory receptor abundances for efficient coding. ELife, 2019, 8, .	2.8	23
314	Modulation of tonotopic ventral medial geniculate body is behaviorally relevant for speech recognition. ELife, 2019, 8, .	2.8	25
315	Modeling the dynamics of Plasmodium falciparum gametocytes in humans during malaria infection. ELife, 2019, 8, .	2.8	36
316	Daily mortality/morbidity and air quality: Using multivariate time series with seasonally varying covariances. Journal of the Royal Statistical Society Series C: Applied Statistics, 0, , .	0.5	3
317	A Rational Model of Incremental Argument Interpretation: The Comprehension of Swedish Transitive Clauses. Frontiers in Psychology, 2021, 12, 674202.	1.1	2
318	Accounting for uncertainty: an application of Bayesian methods to accruals models. Review of Accounting Studies, 2023, 28, 726-768.	3.1	10

#	ARTICLE	IF	CITATIONS
320	Trial and error: A hierarchical modeling approach to test-retest reliability. NeuroImage, 2021, 245, 118647.	2.1	24
322	Scalable inference for a full multivariate stochastic volatility model. Journal of Econometrics, 2021, , .	3.5	0
323	Itâ€™s complicated: characterizing the time-varying relationship between cell phone mobility and COVID-19 spread in the US. Npj Digital Medicine, 2021, 4, 152.	5.7	18
324	Improving local mean stress estimation using Bayesian hierarchical modelling. International Journal of Rock Mechanics and Minings Sciences, 2021, 148, 104924.	2.6	4
325	Hierarchical Bayesian models of reinforcement learning: Introduction and comparison to alternative methods. Journal of Mathematical Psychology, 2021, 105, 102602.	1.0	4
326	Estimating the Mixed Logit Model by Maximum Simulated Likelihood and Hierarchical Bayes. SSRN Electronic Journal, 0, , .	0.4	0
327	Estimating Smoothh Country-Year Panels of Public Opinion. SSRN Electronic Journal, 0, , .	0.4	0
335	Technology and software to determine adequate normalized correlation matrices in the solution of identification problems. Eastern-European Journal of Enterprise Technologies, 2017, 6, 69-76.	0.3	1
336	Predicting Nucleus Basalis of Meynert Volume from Compartmental Brain Segmentations. Lecture Notes in Computer Science, 2018, , 68-75.	1.0	1
337	A Fast Metropolis-Hastings Method for Generating Random Correlation Matrices. Lecture Notes in Computer Science, 2018, , 117-124.	1.0	1
344	A Sparse Areal Mixed Model for Multivariate Outcomes, with an Application to Zero-Inflated Census Data. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2019, , 51-74.	0.0	0
347	Robust Portfolio Selection Using Sparse Estimation of Comoment Tensors. SSRN Electronic Journal, 0, , .	0.4	1
348	When Factor Timing Makes Sense. SSRN Electronic Journal, 0, , .	0.4	0
351	Age differences in the precision of memory at short and long delays.. Psychology and Aging, 2020, 35, 1073-1089.	1.4	8
352	PoPE: A Population-based Approach to Model the Spatial Structure of Astronomical Systems. Astronomical Journal, 2021, 161, 30.	1.9	4
353	An experimental approach to nominal tense: Evidence from Pomak (Slavic). Language, 2020, 96, 507-550.	0.3	2
355	Correlation Matrices with Average Constraints. SSRN Electronic Journal, 0, , .	0.4	0
356	Home Production with Time to Consume. SSRN Electronic Journal, 0, , .	0.4	0

#	Article	IF	Citations
357	A Power Prior Approach for Leveraging External Longitudinal and Competing Risks Survival Data Within the Joint Modeling Framework. Statistics in Biosciences, 0, , 1.	0.6	0
358	Two-vehicle driver-injury severity: A multivariate random parameters logit approach. Analytic Methods in Accident Research, 2022, 33, 100190.	4.7	5
360	A Bayesian hierarchical approach to integrating historical and in-season genetic data for real-time assessment of a mixed stock fishery. Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1721-1732.	0.7	2
362	Bayesian Multivariate Mixed-Effects Location Scale Modeling of Longitudinal Relations Among Affective Traits, States, and Physical Activity. European Journal of Psychological Assessment, 2020, 36, 981-997.	1.7	7
363	A finite mixture mixed proportion regression model for classification problems in longitudinal voting data. Journal of Applied Statistics, 0, , 1-18.	0.6	0
364	Do Women Respond Less to Performance Pay? Building Evidence from Multiple Experiments. American Economic Review Insights, 2021, 3, 435-454.	1.6	9
365	A Response-Time-Based Latent Response Mixture Model for Identifying and Modeling Careless and Insufficient Effort Responding in Survey Data. Psychometrika, 2022, 87, 593-619.	1.2	17
366	How Categorization Shapes the Probability Weighting Function. SSRN Electronic Journal, 0, , .	0.4	0
367	Loyalty Currency and Mental Accounting: Do Consumers Treat Points Like Money?. SSRN Electronic Journal, 0, , .	0.4	0
368	On the optimization of approximate control variates with parametrically defined estimators. Journal of Computational Physics, 2022, 451, 110882.	1.9	3
369	First, Do No Harm: Predictive Analytics to Reduce In-Hospital Adverse Events. Journal of Management Information Systems, 2021, 38, 1122-1149.	2.1	5
370	The analysis of serve decisions in tennis using Bayesian hierarchical models. Annals of Operations Research, 0, , 1.	2.6	2
371	Stellar dating using chemical clocks and Bayesian inference. Astronomy and Astrophysics, 2022, 660, A15.	2.1	4
372	Estimating global species richness using symbolic data metaâ€analysis. Ecography, 2022, 2022, .	2.1	5
373	Incorporating historical controls in clinical trials with longitudinal outcomes using the modified power prior. Pharmaceutical Statistics, 2022, , .	0.7	3
374	A hierarchical Bayesian SED model for Type Ia supernovae in the optical to near-infrared. Monthly Notices of the Royal Astronomical Society, 2022, 510, 3939-3966.	1.6	25
375	Foraging segregation between spotted (<i>Stenella attenuata</i>) and spinner (<i>Stenella) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 102	0.9	1
376	Changes in discourse informativeness and efficiency following communication-based group treatment for chronic aphasia. Aphasiology, 2023, 37, 563-597.	1.4	11

#	Article	IF	Citations
377	Neuroticism Drives Associations Between Repetitive Behaviors and Depression in Autistic Adults. Frontiers in Psychiatry, 2022, 13, 803361.	1.3	0
378	Sample Size Determination for Bayesian Hierarchical Models Commonly Used in Psycholinguistics. Computational Brain & Behavior, 0, , 1.	0.9	4
379	Bayesian Nonlinear Models for Repeated Measurement Data: An Overview, Implementation, and Applications. Mathematics, 2022, 10, 898.	1.1	8
380	Inference in experiments conditional on observed imbalances in covariates*. American Statistician, 0, , 1-29.	0.9	2
381	The Reliability Factor: Modeling Individual Reliability with Multiple Items from a Single Assessment. Psychometrika, 2022, 87, 1318-1342.	1.2	3
382	Bayesian Bootstrapped Correlation Coefficients. The Quantitative Methods for Psychology, 2022, 18, 39-54.	0.6	1
383	Bayesian ridge estimators based on copula-based joint prior distributions for regression coefficients. Computational Statistics, 2022, 37, 2741-2769.	0.8	10
384	Workflow techniques for the robust use of bayes factors.. Psychological Methods, 2023, 28, 1404-1426.	2.7	29
385	Online Structural Change-Point Detection of High-dimensional Streaming Data via Dynamic Sparse Subspace Learning. Technometrics, 2023, 65, 19-32.	1.3	4
386	Material insecurity predicts greater commitment to moralistic and less commitment to local deities: a cross-cultural investigation. Religion, Brain and Behavior, 2022, 12, 4-17.	0.4	6
387	An efficient algorithm to assess multivariate surrogate endpoints in a causal inference framework. Computational Statistics and Data Analysis, 2022, , 107494.	0.7	3
388	Associations between Student–Teacher Relationship Quality, Class Climate, and Bullying Roles: A Bayesian Multilevel Multinomial Logit Analysis. Victims and Offenders, 2022, 17, 1196-1223.	1.0	14
389	Scaling Bayesian inference of mixed multinomial logit models to large datasets. Transportation Research Part B: Methodological, 2022, 158, 1-17.	2.8	6
390	Bayesian inference of spatially correlated random parameters for on-farm experiment. Field Crops Research, 2022, 281, 108477.	2.3	1
391	Bayesian Gaussian process factor analysis with copula for count data. Expert Systems With Applications, 2022, 197, 116645.	4.4	0
392	Using the ATN system as a guide for the neuropsychological assessment of Alzheimer's disease. Journal of Clinical and Experimental Neuropsychology, 2021, 43, 926-943.	0.8	6
393	A Bayesian approach to modeling antimicrobial multidrug resistance. PLoS ONE, 2021, 16, e0261528.	1.1	2
394	Estimation of the Exposure–Response Relation between Benzene and Acute Myeloid Leukemia by Combining Epidemiologic, Human Biomarker, and Animal Data. Cancer Epidemiology Biomarkers and Prevention, 2022, 31, 751-757.	1.1	3

#	Article	IF	Citations
395	Prior Predictive Checks for the Method of Covariances in Bayesian Mediation Analysis. Structural Equation Modeling, 2022, 29, 428-437.	2.4	4
396	Decomposing phenotypic skew and its effects on the predicted response to strong selection. Nature Ecology and Evolution, 2022, , .	3.4	7
397	Simultaneous multifactor Bayesian analysis (SiMBA) of PET time activity curve data. NeuroImage, 2022, 256, 119195.	2.1	3
398	Predicting Verbal Learning and Memory Assessments of Older Adults Using Bayesian Hierarchical Models. Frontiers in Psychology, 2022, 13, 855379.	1.1	0
401	The relationship between moderate to vigorous physical activity and metabolic syndrome: a Bayesian measurement error approach. Journal of Applied Statistics, 2023, 50, 2246-2266.	0.6	0
403	The parser consults the lexicon in spite of transparent gender marking: EEG evidence from noun class agreement processing in Zulu. Cognition, 2022, 226, 105148.	1.1	1
404	An Estimation Method in the Paired-comparison Format Questionnaires. Kodo Keiryogaku (the Japanese) Tj ETQq0 0 0 rgBT /Overlock 10	0.0	0
408	Non-Separable Preferences in the Statistical Analysis of Roll Call Votes. Political Analysis, 0, , 1-14.	2.8	0
409	Bayesian Dynamic Borrowing of Historical Information with Applications to the Analysis of Large-Scale Assessments. Psychometrika, 2023, 88, 1-30.	1.2	5
410	Can a measurement error perspective improve estimation in neighborhood effects research? A hierarchical Bayesian methodology. Social Science Quarterly, 2022, 103, 1260-1272.	0.9	4
411	An explanatory mixture <scp>IRT</scp> model for careless and insufficient effort responding in selfâ€report measures. British Journal of Mathematical and Statistical Psychology, 2022, 75, 668-698.	1.0	12
412	Mass gain and stopover dynamics among migrating songbirds are linked to seasonal, environmental, and life-history effects. Auk, 2022, 139, .	0.7	4
413	Automatically Discovering Visual Product Characteristics. SSRN Electronic Journal, 0, , .	0.4	0
415	Performance of the No-U-Turn sampler in multi-trait variance component estimation using genomic data. Genetics Selection Evolution, 2022, 54, .	1.2	0
416	Characterizing Interoceptive Differences in Autism: A Systematic Review and Meta-analysis of Caseâ€"control Studies. Journal of Autism and Developmental Disorders, 2023, 53, 947-962.	1.7	8
418	Development of a multi-route physiologically based pharmacokinetic (PBPK) model for nanomaterials: a comparison between a traditional versus a new route-specific approach using gold nanoparticles in rats. Particle and Fibre Toxicology, 2022, 19, .	2.8	15
420	Producing filler-gap dependencies: Structural priming evidence for two distinct combinatorial processes in production. Journal of Memory and Language, 2022, 126, 104349.	1.1	6
421	High-Definition Transcranial Stimulation over the Dorsolateral Prefrontal Cortex Alters the Sunk Cost Effect: A Mental Accounting Framework. Journal of Neuroscience, 2022, 42, 6770-6781.	1.7	1

#	Article	IF	Citations
422	Long-term Traffic-related Air Pollutant Exposure and Amyotrophic Lateral Sclerosis Diagnosis in Denmark: A Bayesian Hierarchical Analysis. Epidemiology, 2022, 33, 757-766.	1.2	5
423	Bayesian approach for modeling global magnetic parameters for the solar active region. Astronomy and Astrophysics, 2022, 665, A101.	2.1	1
424	Toward the General Mechanistic Model of Liquid Chromatographic Retention. Analytical Chemistry, 2022, 94, 11070-11080.	3.2	5
425	Tractable Bayes of Skew-Elliptical Link Models for Correlated Binary Data. Biometrics, 2023, 79, 1788-1800.	0.8	3
426	PARSRec. , 2022, , .		2
429	A Model-Based Approach to Predict Employee Compensation Components. Journal of the Royal Statistical Society Series C: Applied Statistics, 2022, 71, 1503-1520.	0.5	2
431	Speakers balance their use of cues to grammatical functions in informative discourse contexts. Language, Cognition and Neuroscience, 0, , 1-22.	0.7	0
432	Ensemble Economic Scenario Generators: Unity Makes Strength. North American Actuarial Journal, 2023, 27, 444-471.	0.8	1
433	Identifying sources of variation in parasite aggregation. PeerJ, 0, 10, e13763.	0.9	4
434	Fitting Multivariate Multilevel Models under Informative Sampling. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, 1663-1678.	0.6	0
435	Gold-oil dynamic relationship and the asymmetric role of geopolitical risks: Evidence from Bayesian pdBEKK-GARCH with regime switching. Resources Policy, 2022, 78, 102917.	4.2	8
436	Relating Sound and Sight in Simulated Environments. Multisensory Research, 2022, 35, 589-622.	0.6	1
437	Treating model inadequacy in fuel performance model calibration by parameter uncertainty inflation. Annals of Nuclear Energy, 2022, 179, 109363.	0.9	3
438	The Effects of Tinnitus in Probabilistic Learning Tasks: Protocol for an Ecological Momentary Assessment Study. JMIR Research Protocols, 2022, 11, e36583.	0.5	1
439	Bayesian analysis of longitudinal binary responses based on the multivariate probit model: A comparison of five methods. Statistical Methods in Medical Research, 2022, 31, 2261-2286.	0.7	0
440	Seasonal Landslide Activity Lags Annual Precipitation Pattern in the Pacific Northwest. Geophysical Research Letters, 2022, 49, .	1.5	6
441	Neural Support for Contributions of Utility and Narrative Processing of Evidence in Juror Decision Making. Journal of Neuroscience, 2022, 42, 7624-7633.	1.7	0
442	The dual role of post-stop fundamental frequency in the production and perception of stops in Mandarin-English bilinguals. Frontiers in Communication, 0, 7, .	0.6	0

#	Article	IF	Citations
443	Bayesian Inference for Joint Estimation Models Using Copulas to Handle Endogenous Regressors. SSRN Electronic Journal, 0, , .	0.4	2
444	Lack of ownership of mobile phones could hinder the rollout of mHealth interventions in Africa. ELife, 0, 11, .	2.8	7
445	A Bayesian stable isotope mixing model for coping with multiple isotopes, multiple trophic steps and small sample sizes. Methods in Ecology and Evolution, 2022, 13, 2586-2602.	2.2	1
446	Processing reflexive pronouns when they donâ€™t announce themselves. , 2022, 1, .		0
447	Higherâ€latitude springâ€flowering herbs advance their phenology more than trees with warming temperatures. Journal of Ecology, 2023, 111, 156-169.	1.9	10
448	A Bayesian multivariate hierarchical growthÂcurve model to examine cumulative socioâ€economic (dis)advantage among childlessÂadults and parents. Journal of the Royal Statistical Society Series A: Statistics in Society, 0, , .	0.6	0
449	Joint models for longitudinal and discrete survival data in credit scoring. European Journal of Operational Research, 2023, 307, 1457-1473.	3.5	7
451	Hierarchical Bayesian modeling of the relationship between taskâ€related hemodynamic responses and cortical excitability. Human Brain Mapping, 2023, 44, 876-900.	1.9	2
452	Robustness of the performance of the optimized hierarchical two-parameter logistic IRT model for small-sample item calibration. Behavior Research Methods, 2023, 55, 3965-3983.	2.3	2
453	On FISTA with a relative error rule. Computational Optimization and Applications, 0, , .	0.9	0
455	Urban/rural differences in air pollution impacts on deaths in Scotland: A comparison study on different pollution data sources. Spatial Statistics, 2022, 52, 100712.	0.9	0
456	A noisy-channel approach to depth-charge illusions. Cognition, 2023, 232, 105346.	1.1	6
457	The Risks of Ranking: Revisiting Graphical Perception to Model Individual Differences in Visualization Performance. IEEE Transactions on Visualization and Computer Graphics, 2024, 30, 1756-1771.	2.9	2
458	Representing linguistic communicative functions in the premotor cortex. Cerebral Cortex, 0, , .	1.6	0
460	Measurements of damage and repair of binary health attributes in aging mice and humans reveal that robustness and resilience decrease with age, operate over broad timescales, and are affected differently by interventions. ELife, 0, 11, .	2.8	5
461	Can the resource reduction hypothesis explain sentence processing in aphasia? A visual world study in German. Brain and Language, 2022, 235, 105204.	0.8	1
463	Stan and BART for Causal Inference: Estimating Heterogeneous Treatment Effects Using the Power of Stan and the Flexibility of Machine Learning. Entropy, 2022, 24, 1782.	1.1	3
464	Uncertainty alters the balance between incremental learning and episodic memory. ELife, 0, 11, .	2.8	8

#	Article	IF	Citations
465	Automatic model training under restrictive time constraints. Statistics and Computing, 2023, 33, .	0.8	0
466	Small-area estimates from consumer trace data. Demographic Research, 0, 47, 843-882.	2.0	3
467	Hierarchical Covariance Estimation Approach to Meta-Analytic Structural Equation Modeling. Structural Equation Modeling, 2023, 30, 532-546.	2.4	3
468	Bayesian historical borrowing with longitudinal large-scale assessments. Large-Scale Assessments in Education, 2023, 11, .	0.8	0
469	Speakers coarticulate less in response to both real and imagined communicative challenges: An acoustic analysis of the LUCID corpus. Journal of Phonetics, 2023, 97, 101210.	0.6	1
470	Bayesian ridge regression for survival data based on a vine copula-based prior. AStA Advances in Statistical Analysis, 2023, 107, 755-784.	0.4	1
471	Organic system vs. conventional - a Bayesian analysis of Polish potato post-registration trials. Journal of Agricultural Science, 0, , 1-43.	0.6	0
472	Rethinking model-based and model-free influences on mental effort and striatal prediction errors. Nature Human Behaviour, 2023, 7, 956-969.	6.2	5
473	Multi-pollutant case-crossover models of all-cause and cause-specific mortality and hospital admissions by age group in 47 Canadian cities. Environmental Research, 2023, 225, 115598.	3.7	0
474	Zebra finch behaviour differs consistently between individuals but is not affected by early life adversity. Animal Behaviour, 2023, 199, 79-94.	0.8	1
475	Odor identification errors reveal cognitive aspects of age-associated smell loss. Cognition, 2023, 236, 105445.	1.1	1
476	Small area prediction of seatâ€belt use rates using a Bayesian hierarchical unitâ€level Poisson model with multivariate random effects. Stat, 2023, 12, .	0.3	0
477	Using Gaze for Behavioural Biometrics. Sensors, 2023, 23, 1262.	2.1	2
478	Evidence for dopaminergic involvement in endogenous modulation of pain relief. ELife, 0, 12, .	2.8	1
479	Modulation of Motor Vigor by Expectation of Reward Probability Trial-by-Trial Is Preserved in Healthy Ageing and Parkinson's Disease Patients. Journal of Neuroscience, 2023, 43, 1757-1777.	1.7	5
480	Forecasting South Koreaâ€™s presidential election via multiparty dynamic Bayesian modeling. International Journal of Forecasting, 2024, 40, 124-141.	3.9	0
481	A Bayesian hierarchical assessment of night shift working for offshore wind farms. Wind Energy, 2023, 26, 402-421.	1.9	2
482	Bayesian hierarchical response time modellingâ€"A tutorial. British Journal of Mathematical and Statistical Psychology, 2023, 76, 623-645.	1.0	1

#	Article	IF	Citations
483	Multilevel mediation analysis in R: A comparison of bootstrap and Bayesian approaches. Behavior Research Methods, 2024, 56, 750-764.	2.3	1
484	Feature selection on quantum computers. Quantum Machine Intelligence, 2023, 5, .	2.7	4
485	Bayesian inference in a sample selection model with multiple selection rules. Communications in Statistics - Theory and Methods, 0, , 1-21.	0.6	0
486	Population model–based analysis of the memory B–cell response following belimumab therapy in the treatment of systemic lupus erythematosus. CPT: Pharmacometrics and Systems Pharmacology, 2023, 12, 462-473.	1.3	1
487	A two–level copula joint model for joint analysis of longitudinal and competing risks data. Statistics in Medicine, 2023, 42, 1909-1930.	0.8	1
488	Multivariate analysis of PET pharmacokinetic parameters improves inferential efficiency. EJNMMI Physics, 2023, 10, .	1.3	0
489	Mechanisms underpinning community stability along a latitudinal gradient: Insights from a niche–based approach. Global Change Biology, 2023, 29, 3271-3284.	4.2	1
490	A Bayesian approach to study design and analysis with type I error rate control for response variables of mixed types. Statistics in Medicine, 0, , .	0.8	0
491	Exploring the psychometric properties of the externalizing spectrum inventory-brief form in a Swedish forensic psychiatric inpatient sample. BMC Psychiatry, 2023, 23, .	1.1	1
492	Which is Better for Individual Participant Data Meta-Analysis of Zero-Inflated Count Outcomes, One-Step or Two-Step Analysis? A Simulation Study. Multivariate Behavioral Research, 2023, 58, 1090-1105.	1.8	2
493	Multivariate analysis of food consumption profiles in crisis settings. PLoS ONE, 2023, 18, e0283627.	1.1	1
494	Clade-Specific Allometries in Avian Basal Metabolic Rate Demand a Broader Theory of Allometry. Physiological and Biochemical Zoology, 2023, 96, 216-232.	0.6	8
522	Why many studies of individual differences with inhibition tasks may not localize correlations. Psychonomic Bulletin and Review, 2023, 30, 2049-2066.	1.4	4
573	A Neural-Network-Based Gaussian Nonlinear Filter. , 2024, , .		0