

Jiwei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

76
citations

1937457

4
h-index

1588896

8
g-index

21
all docs

21
docs citations

21
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	A mixture model for responses and response times with a higher-order ability structure to detect rapid guessing behaviour. <i>British Journal of Mathematical and Statistical Psychology</i> , 2020, 73, 261-288.	1.0	26
2	Marginalized maximum a posteriori estimation for the four-parameter logistic model under a mixture modelling framework. <i>British Journal of Mathematical and Statistical Psychology</i> , 2020, 73, 51-82.	1.0	14
3	Slice-Gibbs sampling algorithm for estimating the parameters of a multilevel item response model. <i>Journal of Mathematical Psychology</i> , 2018, 82, 12-25.	1.0	13
4	Bayesian Estimation of the DINA Model With Poly-Gamma Gibbs Sampling. <i>Frontiers in Psychology</i> , 2020, 11, 384.	1.1	7
5	Gibbs-Slice Sampling Algorithm for Estimating the Four-Parameter Logistic Model. <i>Frontiers in Psychology</i> , 2020, 11, 2121.	1.1	3
6	Estimating CDMs Using the Slice-Within-Gibbs Sampler. <i>Frontiers in Psychology</i> , 2020, 11, 2260.	1.1	3
7	Bayesian estimation of time-varying parameters in ordinary differential equation models with noisy time-varying covariates. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 708-723.	0.6	3
8	Exploring the Correlation Between Multiple Latent Variables and Covariates in Hierarchical Data Based on the Multilevel Multidimensional IRT Model. <i>Frontiers in Psychology</i> , 2019, 10, 2387.	1.1	2
9	Exploring Multiple Strategic Problem Solving Behaviors in Educational Psychology Research by Using Mixture Cognitive Diagnosis Model. <i>Frontiers in Psychology</i> , 2021, 12, 568348.	1.1	2
10	A General Three-Parameter Logistic Model With Time Effect. <i>Frontiers in Psychology</i> , 2020, 11, 1791.	1.1	1
11	Slice sampling algorithm for estimating the item response theory model with ordinal response data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-24.	0.6	1
12	Bayesian longitudinal multilevel item response modeling approach for studying individual growth differences. <i>Statistics and Its Interface</i> , 2020, 13, 1-16.	0.2	1
13	Bayesian algorithm based on auxiliary variables for estimating item response theory models with non-ignorable missing response data. <i>Journal of the Korean Statistical Society</i> , 0, , 1.	0.3	0
14	A Bayesian algorithm based on auxiliary variables for estimating GRM with non-ignorable missing data. <i>Computational Statistics</i> , 0, , 1.	0.8	0
15	Bayesian multilevel multidimensional item response modeling approach for multiple latent variables in a hierarchical structure. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-21.	0.6	0
16	Item-Weighted Likelihood Method for Measuring Growth in Longitudinal Study With Tests Composed of Both Dichotomous and Polytomous Items. <i>Frontiers in Psychology</i> , 2021, 12, 580015.	1.1	0
17	A Novel and Highly Effective Bayesian Sampling Algorithm Based on the Auxiliary Variables to Estimate the Testlet Effect Models. <i>Frontiers in Psychology</i> , 2021, 12, 509575.	1.1	0
18	A generalized semi-parametric model for jointly analyzing response times and accuracy in computerized testing. <i>Statistics and Its Interface</i> , 2022, 15, 91-104.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Bayesian estimation of a multilevel multidimensional item response model using auxiliary variables method: an exploration of the correlation between multiple latent variables and covariates in hierarchical data. <i>Statistics and Its Interface</i> , 2019, 12, 35-48.	0.2	0
20	A Gibbs sampler for estimating the graded item response model with likert-scale data via the PÃ³lyaâ€™Gamma distribution: a computationally efficient data-augmentation scheme. <i>Statistics and Its Interface</i> , 2022, 15, 463-474.	0.2	0
21	Bayesian Analysis of Aberrant Response and Response Time Data. <i>Frontiers in Psychology</i> , 2022, 13, 841372.	1.1	0