Balgobin Nandram

List of Publications by Year
in descending order

57 papers	711 citations	623734 14 h-index	610901 24 g-index
57 all docs	57 docs citations	57 times ranked	375 citing authors

#	ARTICLE	IF	CITATIONS
1	A Bayesian small area model with order restrictions for contingency tables. Communications in Statistics - Theory and Methods, 2023, 52, 4636-4658.	1.0	0
2	Bayesian Order-Restricted Inference of Multinomial Counts from Small Areas. Springer Proceedings in Mathematics and Statistics, 2022, , 1-22.	0.2	1
3	A Bayesian Approach to Linking a Survey and a Census via Small Areas. Stats, 2021, 4, 509-528.	0.9	0
4	Small area estimation of receiver operating characteristic curves for ordinal data under stochastic ordering. Statistics in Medicine, 2020, 39, 1514-1528.	1.6	6
5	Bayesian Inference of a Finite Population Mean Under Length-Biased Sampling. Forum for Interdisciplinary Mathematics, 2020, , 79-103.	1.6	0
6	Statistical Challenges in Combining Survey and Auxiliary Data to Produce Official Statistics. Journal of Official Statistics, 2020, 36, 63-88.	0.4	12
7	A pooled Bayes test of independence for sparse contingency tables from small areas. Journal of Statistical Computation and Simulation, 2019, 89, 899-926.	1.2	4
8	Model-based county level crop estimates incorporating auxiliary sources of information. Journal of the Royal Statistical Society Series A: Statistics in Society, 2019, 182, 283-303.	1.1	22
9	Bayesian Analysis of a Sensitive Proportion for a Small Area. International Statistical Review, 2019, 87, S104-S120.	1.9	0
10	Benchmarking a triplet of official estimates. Environmental and Ecological Statistics, 2018, 25, 523-547.	3.5	6
11	Bayesian testing for independence of two categorical variables under two-stage cluster sampling with covariates. Journal of Applied Statistics, 2018, 45, 2365-2393.	1.3	2
12	Bayesian inference on contingency tables with uncertainty about independence for small areas. Journal of Applied Statistics, 2018, 45, 2145-2163.	1.3	2
13	Bayesian analysis of a ROC curve for categorical data using a skew-binormal model. Statistics and Its Interface, 2018, 11, 369-384.	0.3	3
14	A hierarchical Bayesian model for binary data incorporating selection bias. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 4767-4782.	1.2	1
15	Tests of Independence for a 2×2 Contingency Table with Random Margins. International Journal of Statistics and Probability, 2017, 6, 106.	0.3	2
16	A nonparametric Bayesian prediction interval for a finite population mean. Journal of Statistical Computation and Simulation, 2016, 86, 3141-3157.	1.2	10
17	Bayesian predictive inference under a Dirichlet process with sensitivity to the normal baseline. Statistical Methodology, 2016, 28, 1-17.	0.5	5
18	Bayesian Predictive Inference of a Proportion Under a Twofold Small-Area Model. Journal of Official Statistics, 2016, 32, 187-208.	0.4	6

#	Article	IF	Citations
19	A likelihood ratio test of quasi-independence for sparse two-way contingency tables. Journal of Statistical Computation and Simulation, 2015, 85, 284-304.	1.2	10
20	Small area estimation of general parameters with application to poverty indicators: A hierarchical Bayes approach. Annals of Applied Statistics, 2014, 8, .	1.1	75
21	A hierarchical Bayesian model for forecasting state-level corn yield. Environmental and Ecological Statistics, 2014, 21, 507-530.	3.5	23
22	A Bayesian test of independence in a two-way contingency table using surrogate sampling. Journal of Statistical Planning and Inference, 2013, 143, 1392-1408.	0.6	8
23	Bayesian predictive inference of a finite population proportion under selection bias. Statistical Methodology, 2013, 11, 1-21.	0.5	10
24	A Bayesian Adjustment of the HP Law via a Switching Nonlinear Regression Model. Journal of Data Science, 2013, 11, 85-108.	0.9	2
25	A Bayesian Approach to Estimating Agricultural Yield Based on Multiple Repeated Surveys. Journal of Agricultural, Biological, and Environmental Statistics, 2012, 17, 84-106.	1.4	23
26	A Bayesian benchmarking of the Scott–Smith model for small areas. Journal of Statistical Computation and Simulation, 2011, 81, 1593-1608.	1.2	8
27	A Bayesian predictive inference for small area means incorporating covariates and sampling weights. Journal of Statistical Planning and Inference, 2010, 140, 2963-2979.	0.6	10
28	Predicting incidence and asymptomatic rates for chlamydia in small domains. Journal of Advanced Nursing, 2010, 66, 2650-2658.	3.3	3
29	A Bayesian Analysis of Body Mass Index Data From Small Domains Under Nonignorable Nonresponse and Selection. Journal of the American Statistical Association, 2010, 105, 120-135.	3.1	31
30	Bayesian inference for a stratified categorical variable allowing all possible category choices. Journal of Statistical Computation and Simulation, 2009, 79, 161-179.	1.2	1
31	Monetary unit sampling: Improving estimation of the total audit error. Advances in Accounting, 2009, 25, 174-182.	1.0	7
32	Bayesian Inference of the Cell Probabilities of a Two-Way Categorical Table Under Non Ignorability. Communications in Statistics - Theory and Methods, 2009, 38, 3015-3030.	1.0	2
33	Computational Bayesian inference for estimating the size of a finite population. Computational Statistics and Data Analysis, 2007, 51, 2934-2945.	1.2	0
34	Alternative Tests of Independence in Two-Way Categorical Tables. Journal of Data Science, 2007, 5, 217-237.	0.9	11
35	Bayesian analysis of a two-way categorical table incorporating intraclass correlation. Journal of Statistical Computation and Simulation, 2006, 76, 233-249.	1.2	7
36	Bayesian predictive inference under informative sampling and transformation. Applied Stochastic Models in Business and Industry, 2006, 22, 559-572.	1.5	6

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37	Bayesian non-response models for categorical data from small areas: an application to BMD and age. Statistics in Medicine, 2005, 24, 1047-1074.	1.6	10
38	A Comparison of the Posterior Choropleth Maps for Disease Mapping. Journal of Data Science, 2005, 3, 47-68.	0.9	2
39	A Bayesian Subset Analysis Of Sensory Evaluation Data. Journal of Modern Applied Statistical Methods, 2005, 4, 482-499.	0.2	1
40	Nonparametric Bayesian analysis of a proportion for a small area under nonignorable nonresponse. Journal of Nonparametric Statistics, 2004, 16, 821-839.	0.9	7
41	Modeling heavy-tailed correlated noise with wavelet packet basis functions. Journal of Statistical Planning and Inference, 2003, 112, 99-114.	0.6	11
42	Hierarchical Bayesian Nonresponse Models for Binary Data From Small Areas With Uncertainty About Ignorability. Journal of the American Statistical Association, 2002, 97, 381-388.	3.1	35
43	Marginal Likelihood for a Class of Bayesian Generalized Linear Models. Journal of Statistical Computation and Simulation, 2002, 72, 319-340.	1.2	9
44	A Bayesian analysis of a proportion under non-ignorable non-response. Statistics in Medicine, 2002, 21, 1189-1212.	1.6	14
45	An empirical bayes estimator of seismic events using wavelet packet bases. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 379-406.	1.4	14
46	Bayesian Analysis and Mapping of Mortality Rates for Chronic Obstructive Pulmonary Disease. Journal of the American Statistical Association, 2000, 95, 1110-1118.	3.1	31
47	Bayesian Analysis and Mapping of Mortality Rates for Chronic Obstructive Pulmonary Disease. Journal of the American Statistical Association, 2000, 95, 1110.	3.1	9
48	A bayesian analysis of the three-stage hierarchical multinomial model. Journal of Statistical Computation and Simulation, 1998, 61, 97-126.	1.2	20
49	A Bayesian Analysis of Autoregressive Time Series Panel Data. Journal of Business and Economic Statistics, 1997, 15, 328-334.	2.9	19
50	Order-Restricted Bayesian Estimation of the Age Composition of a Population of Atlantic Cod. Journal of the American Statistical Association, 1997, 92, 33-40.	3.1	15
51	A Bayesian Analysis of Autoregressive Time Series Panel Data. Journal of Business and Economic Statistics, 1997, 15, 328.	2.9	17
52	BAYESIAN ANALYSIS FOR A SINGLE 2Ã—2 TABLE. Statistics in Medicine, 1997, 16, 1311-1328.	1.6	43
53	Bayesian Inference for the Best Ordinal Multinomial Population in a Taste Test. Lecture Notes in Statistics, 1997, , 399-418.	0.2	5
54	Reparameterizing the generalized linear model to accelerate gibbs sampler convergence. Journal of Statistical Computation and Simulation, 1996, 54, 129-144.	1.2	81

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55	Bayesian inference for multinomial populations under stochastic ordering. Journal of Statistical Computation and Simulation, 1996, 54, 145-163.	1.2	14
56	A rank-based analysis of one-way repeated measures designs with a changing covariate. Journal of Statistical Planning and Inference, 1995, 46, 249-263.	0.6	4
57	Collimator optimization for lesion detection incorporating prior information about lesion size. Medical Physics, 1995, 22, 703-713.	3.0	31