Spatial Modeling of Regional Variables

Journal of the American Statistical Association 84, 393-401 DOI: 10.1080/01621459.1989.10478783

Citation Report

#	Article	IF	Citations
1	Spatial prediction and ordinary kriging. Mathematical Geosciences, 1989, 21, 493-494.	0.9	27
2	On Political Methodology. Political Analysis, 1990, 2, 1-29.	3.3	44
3	An Introduction to Applied Geostatistics Journal of the American Statistical Association, 1991, 86, 548.	3.1	3
4	A Review of Methods for the Statistical Analysis of Spatial Patterns of Disease. Journal of the Royal Statistical Society Series A: Statistics in Society, 1991, 154, 421.	1.1	205
5	Empirical bayes estimates of cancer mortality rates using spatial models. Statistics in Medicine, 1991, 10, 95-112.	1.6	95
7	Spatial Linear Models with Autocorrelated Error Structure. Journal of the Royal Statistical Society: Series D (the Statistician), 1992, 41, 539.	0.2	32
8	Regional Mapping of Incidence Rates Using Spatial Bayesian Models. Medical Care, 1993, 31, YS60-YS65.	2.4	18
9	A Generalized Estimating Equations Approach for Spatially Correlated Binary Data: Applications to the Analysis of Neuroimaging Data. Biometrics, 1995, 51, 627.	1.4	107
10	A REVIEW OF POINT PATTERN METHODS FOR SPATIAL MODELLING OF EVENTS AROUND SOURCES OF POLLUTION. Environmetrics, 1996, 7, 471-487.	1.4	49
11	A spatial scan statistic. Communications in Statistics - Theory and Methods, 1997, 26, 1481-1496.	1.0	3,048
12	Hierarchical Spatio-Temporal Mapping of Disease Rates. Journal of the American Statistical Association, 1997, 92, 607-617.	3.1	421
13	HIERARCHICAL MODELS FOR MAPPING OHIO LUNG CANCER RATES. Environmetrics, 1997, 8, 107-120.	1.4	46
14	Spatio-temporal models with errors in covariates: mapping Ohio lung cancer mortality. , 1998, 17, 2025-2043.		81
15	Hierarchical Bayes estimation of mortality rates for disease mapping. Journal of Statistical Planning and Inference, 1998, 69, 339-348.	0.6	27
16	Spatio-Temporal Modeling of Residential Sales Data. Journal of Business and Economic Statistics, 1998, 16, 312.	2.9	17
17	Poisson/gamma random field models for spatial statistics. Biometrika, 1998, 85, 251-267.	2.4	210
18	Spatio-Temporal Modeling of Residential Sales Data. Journal of Business and Economic Statistics, 1998, 16, 312-321.	2.9	55
19	Posterior distribution of hierarchical models using CAR(1) distributions. Biometrika, 1999, 86, 341-350.	2.4	150

TION RED

#	Article	IF	CITATIONS
20	Geographic variation of HIV infection in childbearing women with syphilis in the United States. Aids, 2000, 14, 279-287.	2.2	6
21	A Bayesian analysis for spatial processes with application to disease mapping. , 2000, 19, 957-974.		42
22	Hierarchical modeling of spatio-temporally misaligned data: relating traffic density to pediatric asthma hospitalizations. Environmetrics, 2000, 11, 43-61.	1.4	17
23	Disease mapping models: an empirical evaluation. Statistics in Medicine, 2000, 19, 2217-2241.	1.6	203
24	Identifiability and convergence issues for Markov chain Monte Carlo fitting of spatial models. Statistics in Medicine, 2000, 19, 2279-2294.	1.6	154
25	Statistical issues in the analysis of disease mapping data. Statistics in Medicine, 2000, 19, 2493-2519.	1.6	107
26	11 Spatial statistical methods for environmental epidemiology. Handbook of Statistics, 2000, 18, 357-396.	0.6	10
27	Spatial Poisson Regression for Health and Exposure Data Measured at Disparate Resolutions. Journal of the American Statistical Association, 2000, 95, 1076-1088.	3.1	112
28	The Bayesian Modeling of Disease Risk in Relation to a Point Source. Journal of the American Statistical Association, 2001, 96, 77-91.	3.1	46
29	A Bivariate Bayes Method for Improving the Estimates of Mortality Rates With a Twofold Conditional Autoregressive Model. Journal of the American Statistical Association, 2001, 96, 1506-1521.	3.1	83
30	STRUCTURAL COVARIATES OF U.S. COUNTY HOMICIDE RATES: INCORPORATING SPATIAL EFFECTS*. Criminology, 2001, 39, 561-588.	3.3	373
31	Modelling a discrete spatial response using generalized linear mixed models: application to Lyme disease vectors. International Journal of Geographical Information Science, 2002, 16, 151-166.	4.8	27
32	Spatial mixture relative risk models applied to disease mapping. Statistics in Medicine, 2002, 21, 359-370.	1.6	105
33	Hierarchical statistical modelling of influenza epidemic dynamics in space and time. Statistics in Medicine, 2002, 21, 2703-2721.	1.6	79
34	Model-based geostatistics. Journal of the Royal Statistical Society Series C: Applied Statistics, 2002, 47, 299-350.	1.0	895
35	Loss functions for estimation of extrema with an application to disease mapping. Canadian Journal of Statistics, 2003, 31, 251-266.	0.9	13
36	Study of the space-time effects in the concentration of airborne pollutants in the Metropolitan Region of Rio de Janeiro. Environmetrics, 2003, 14, 387-408.	1.4	5
37	Spatial prediction of counts and rates. Statistics in Medicine, 2003, 22, 1415-1432.	1.6	27

		CITATION REPORT	
#	Article	IF	Citations
38	Information Entropy of Nonâ€Probabilistic Processes. Geographical Analysis, 2003, 35, 215-248.	3.5	2
41	Spatial data analysis: scientific and policy context. , 2003, , 15-42.		0
42	The nature of spatial data. , 2003, , 43-88.		1
43	Obtaining spatial data through sampling. , 2003, , 91-115.		0
44	Data quality: implications for spatial data analysis. , 2003, , 116-178.		1
45	Exploratory spatial data analysis: conceptual models. , 2003, , 181-187.		1
46	Exploratory spatial data analysis: visualization methods. , 2003, , 188-225.		0
47	Exploratory spatial data analysis: numerical methods. , 2003, , 226-270.		1
48	Hypothesis testing in the presence of spatial dependence. , 2003, , 273-286.		1
49	Models for the statistical analysis of spatial data. , 2003, , 289-324.		0
50	Statistical modelling of spatial variation: descriptive modelling. , 2003, , 325-349.		0
51	Statistical modelling of spatial variation: explanatory modelling. , 2003, , 350-378.		1
60	Small area mapping of prostate cancer incidence in New York State (USA) using fully Bayesian hierarchical modelling. International Journal of Health Geographics, 2004, 3, 29.	2.5	57
61	Bayesian Factor Analysis for Spatially Correlated Data, With Application to Summarizing Area-Lev Material Deprivation From Census Data. Journal of the American Statistical Association, 2004, 99 314-324.	2 3.1	109
62	4. Robust Spatial Analysis of Rare Crimes: An Information-Theoretic Approach. Sociological Methodology, 2005, 35, 227-289.	2.4	7
63	Applications of Binary Segmentation to the Estimation of Quantal Response Curves and Spatial Intensity. Biometrical Journal, 2005, 47, 489-501.	1.0	5
64	Robust Spatial Analysis of Rare Crimes: An Information-Theoretic Approach. Sociological Methodology, 2005, 35, 227-289.	2.4	2
65	Epidemic and Spatial Dynamics of Lyme Disease in New York State, 1990–2000. Journal of Mec Entomology, 2005, 42, 899-908.	ical 1.8	19

#	Article	IF	CITATIONS
66	Empirical Bayes methods for disease mapping. Statistical Methods in Medical Research, 2005, 14, 17-34.	1.5	48
67	Innovative Bayesian Methods for Biostatistics and Epidemiology. Handbook of Statistics, 2005, 25, 763-792.	0.6	1
68	Epidemic and Spatial Dynamics of Lyme Disease in New York State, 1990–2000. Journal of Medical Entomology, 2005, 42, 899-908.	1.8	16
69	Implementing Spatial Data Analysis Software Tools in R. Geographical Analysis, 2006, 38, 23-40.	3.5	102
71	A statistical model for spatial patterns of Buruli ulcer in the Amansie West district, Ghana. International Journal of Applied Earth Observation and Geoinformation, 2006, 8, 126-136.	2.8	14
72	Hierarchical Bayesian spatial models for alcohol availability, drug "hot spots" and violent crime. International Journal of Health Geographics, 2006, 5, 54.	2.5	56
73	Hierarchical Bayesian modelling of spatial age-dependent mortality. Computational Statistics and Data Analysis, 2006, 51, 1347-1363.	1.2	8
74	Rural habitat and risk of death in small areas of Southern Spain. Social Science and Medicine, 2006, 63, 1352-1362.	3.8	13
75	Influence of Land Use on Mallard Nest-Structure Occupancy. Journal of Wildlife Management, 2006, 70, 1325-1333.	1.8	6
76	Conditionally Specified Space-Time Models for Multivariate Processes. Journal of Computational and Graphical Statistics, 2006, 15, 157-177.	1.7	15
77	Disease mapping and spatial regression with count data. Biostatistics, 2007, 8, 158-183.	1.5	250
78	A comparison of the hierarchical likelihood and Bayesian approaches to spatial epidemiological modelling. Environmetrics, 2007, 18, 809-821.	1.4	11
79	Bayesian reference analysis for Gaussian Markov random fields. Journal of Multivariate Analysis, 2007, 98, 789-812.	1.0	23
80	A spatial model for multivariate lattice data. Journal of Econometrics, 2007, 140, 226-259.	6.5	51
81	Evaluating the effect of neighbourhood weight matrices on smoothing properties of Conditional Autoregressive (CAR) models. International Journal of Health Geographics, 2007, 6, 54.	2.5	72
82	Assessment of the spread of chestnut ink disease using remote sensing and geostatistical methods. European Journal of Plant Pathology, 2007, 119, 159-164.	1.7	30
83	Modeling network autocorrelation within migration flows by eigenvector spatial filtering. Journal of Geographical Systems, 2008, 10, 317-344.	3.1	128
84	Applied Spatial Data Analysis with R. , 2008, , .		33

#	Article	IF	CITATIONS
85	Ecologic Studies Revisited. Annual Review of Public Health, 2008, 29, 75-90.	17.4	177
86	A Generalized Cross-Entropy Approach for Modeling Spatially Correlated Counts. Econometric Reviews, 2008, 27, 574-595.	1.1	6
87	Spatioâ€Temporal Modeling of Agricultural Yield Data with an Application to Pricing Crop Insurance Contracts. American Journal of Agricultural Economics, 2008, 90, 951-961.	4.3	32
88	Some Diagnostics for Markov Random Fields. Journal of Computational and Graphical Statistics, 2008, 17, 726-749.	1.7	7
89	Exploring the small area variation and spatial patterns in outpatient treatments. Health Services and Outcomes Research Methodology, 2009, 9, 177-196.	1.8	4
90	Pricing farm-level agricultural insurance: a Bayesian approach. Empirical Economics, 2009, 36, 231-242.	3.0	5
91	Deconvolution Methods for Non-Parametric Inference in two-level Mixed Models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2009, 71, 703-718.	2.2	2
92	Topology and Dependency Tests in Spatial and Network Autoregressive Models. Geographical Analysis, 2009, 41, 158-180.	3.5	51
93	Smooth-CAR mixed models for spatial count data. Computational Statistics and Data Analysis, 2009, 53, 2968-2979.	1.2	38
94	Modelling small area counts in the presence of overdispersion and spatial autocorrelation. Computational Statistics and Data Analysis, 2009, 53, 2923-2937.	1.2	84
95	Bayesian ratemaking procedure of crop insurance contracts with skewed distribution. Journal of Applied Statistics, 2009, 36, 443-452.	1.3	22
97	Spatial Aggregation and the Ecological Fallacy. Chapman & Hall/CRC Interdisciplinary Statistics Series, 2010, 2010, 541-558.	0.4	35
98	Spatial Inference of Nitrate Concentrations inÂGroundwater. Journal of Agricultural, Biological, and Environmental Statistics, 2010, 15, 209-227.	1.4	7
99	Maximum likelihood estimation for directional conditionally autoregressive models. Journal of Statistical Planning and Inference, 2010, 140, 3160-3179.	0.6	14
100	Smoothing Regional Maps Using Empirical Bayes Predictors. Geographical Analysis, 1992, 24, 75-95.	3.5	88
101	The Analysis of Spatial Association by Use of Distance Statistics. Geographical Analysis, 1992, 24, 189-206.	3.5	3,822
102	Perspectives on Spatial Data Analysis. Advances in Spatial Science, 2010, , .	0.6	57
103	A Spatial Model Approach for Assessing Windbreak Growth and Carbon Stocks. Journal of Environmental Quality, 2011, 40, 842-852.	2.0	5

#	Article	IF	CITATIONS
104	Use of Poisson spatiotemporal regression models for the Brazilian Amazon Forest: malaria count data. Revista Da Sociedade Brasileira De Medicina Tropical, 2011, 44, 749-754.	0.9	19
105	Examining small area estimation techniques for public health intervention: Lessons from application to under-5 mortality data in Uganda. Journal of Public Health Policy, 2011, 32, 1-15.	2.0	16
106	Exploring Spatial Patterns Using an Expanded Spatial Autocorrelation Framework. Geographical Analysis, 2011, 43, 327-338.	3.5	3
107	An Empirical Investigation of Dual Network Effects in Innovation Project Development. Journal of Interactive Marketing, 2011, 25, 215-225.	6.2	3
108	Maximum likelihood and restricted maximum likelihood estimation for a class of Gaussian Markov random fields. Metrika, 2011, 74, 167-183.	0.8	11
109	Logâ€linear, logistic model fitting and local score statistics for cluster detection with covariate adjustments. Statistics in Medicine, 2011, 30, 91-100.	1.6	Ο
110	Model-cum-design-based estimation of the prevalence rate of a disease in a locality using spatial smoothing. Statistics, 2011, 45, 293-305.	0.6	0
111	Using Poisson mixed-effects model to quantify transcript-level gene expression in RNA-Seq. Bioinformatics, 2012, 28, 63-68.	4.1	29
112	Focal Location Quotients: Specification and Applications. Geographical Analysis, 2012, 44, 398-410.	3.5	26
113	Information Technology as Tools for Cancer Registry and Regional Cancer Network Integration. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1410-1424.	2.9	24
115	One-step estimation of spatial dependence parameters: Properties and extensions of the APLE statistic. Journal of Multivariate Analysis, 2012, 105, 68-84.	1.0	26
116	Bayesian model selection in spatial lattice models. Statistical Methodology, 2012, 9, 228-238.	0.5	8
117	Spatio-temporal modeling of sudden infant death syndrome data. Statistical Methodology, 2012, 9, 117-143.	0.5	2
118	Bayesian analysis of conditional autoregressive models. Annals of the Institute of Statistical Mathematics, 2012, 64, 107-133.	0.8	30
119	Spatial patterns and demographic indicators of effective social media content during theHorsethief Canyon fire of 2012. Cartography and Geographic Information Science, 2013, 40, 78-89.	3.0	87
120	Applied Spatial Data Analysis with R. , 2013, , .		1,497
121	Spatial clusters in a global-dependence model. Spatial and Spatio-temporal Epidemiology, 2013, 5, 39-50.	1.7	4
122	Evaluation of a Spatial Relationship by the Concept of Intrinsic Spatial Distance. Geographical Analysis, 2013, 45, 380-400.	3.5	4

	CITATION RI	EPORT	
#	ARTICLE Objective Bavesian analysis for CAR models. Annals of the Institute of Statistical Mathematics. 2013, 65.	IF	CITATIONS
123	457-472.	0.8	5
124	Finding Donors by Relationship Fundraising. Journal of Interactive Marketing, 2013, 27, 112-129.	6.2	5
125	Disease Mapping. , 2013, , 319-361.		3
126	Spatio–temporal modeling for disease mapping using CAR and Bâ€spline smoothing. Environmetrics, 2013, 24, 180-188.	1.4	6
127	Empirical Hierarchical Modelling for Count Data using the Spatial Random Effects Model. Spatial Economic Analysis, 2013, 8, 389-418.	1.6	13
128	Modeling temporal gradients in regionally aggregated California asthma hospitalization data. Annals of Applied Statistics, 2013, 7, 154-176.	1.1	26
129	GENERALIZED LINEAR MIXED MODELS WITH SPATIAL RANDOM EFFECTS FOR SPATIO-TEMPORAL DATA: AN APPLICATION TO DENGUE FEVER MAPPING. Journal of Mathematics and Statistics, 2013, 9, 137-143.	0.2	13
131	Generalized Scan Statistics for Disease Surveillance. Scandinavian Journal of Statistics, 2014, 41, 791-808.	1.4	7
132	Spatiotemporal modeling of odds of disease. Environmetrics, 2014, 25, 341-350.	1.4	6
133	Analysis of spatial variations in the effectiveness of graduated driver's licensing (GDL) program in the state of Michigan. Spatial and Spatio-temporal Epidemiology, 2014, 8, 11-22.	1.7	8
134	Maximum likelihood estimation for generalized conditionally autoregressive models of spatial data. Journal of the Korean Statistical Society, 2014, 43, 339-353.	0.4	2
135	Objective Bayesian analysis for autoregressive models with nugget effects. Journal of Multivariate Analysis, 2014, 124, 260-280.	1.0	2
136	Spatio-temporal association of fossil fuel CO2 emissions from crop production across US counties. Agriculture, Ecosystems and Environment, 2014, 183, 69-77.	5.3	10
137	An investigation of the impact of various geographical scales for the specification of spatial dependence. Journal of Applied Statistics, 2014, 41, 2515-2538.	1.3	2
138	Information Content. , 2014, , 241-278.		1
139	Analyzing 2000–2010 Childhood Age-Adjusted Cancer Rates in Florida: A Spatial Clustering Approach. Statistics and Public Policy (Philadelphia, Pa), 2014, 1, 120-128.	1.6	12
142	A shared neighbor conditional autoregressive model for small area spatial data. Environmetrics, 2015, 26, 383-392.	1.4	4
144	An Alternative Cluster Detection Test in Spatial Scan Statistics. Communications in Statistics - Theory and Methods, 2015, 44, 1592-1601.	1.0	3

#	Article	IF	CITATIONS
145	A concentration-based approach to data classification for choropleth mapping. International Journal of Geographical Information Science, 2015, 29, 1845-1863.	4.8	10
146	Bayesian semiparametric hierarchical empirical likelihood spatial models. Journal of Statistical Planning and Inference, 2015, 165, 78-90.	0.6	15
147	Small Area Estimation via Multivariate Fay–Herriot Models with Latent Spatial Dependence. Australian and New Zealand Journal of Statistics, 2015, 57, 15-29.	0.9	28
148	Using Spatial Factor Analysis to Measure Human Development. SSRN Electronic Journal, 0, , .	0.4	0
149	Making the most of spatial information in health: a tutorial in Bayesian disease mapping for areal data. Geospatial Health, 2016, 11, 428.	0.8	31
150	Spatializing Area-Based Measures of Neighborhood Characteristics for Multilevel Regression Analyses: An Areal Median Filtering Approach. Journal of Urban Health, 2016, 93, 551-571.	3.6	9
151	Linear models of coregionalization for multivariate lattice data: a general framework for coregionalized multivariate CAR models. Statistics in Medicine, 2016, 35, 3827-3850.	1.6	24
152	Hierarchical multivariate mixture generalized linear models for the analysis of spatial data: An application to disease mapping. Biometrical Journal, 2016, 58, 1138-1150.	1.0	6
153	Extended convolution model to bayesian spatio-temporal for diagnosing the DHF endemic locations. Journal of Interdisciplinary Mathematics, 2016, 19, 233-244.	0.7	14
154	Bayesian multi-scale modeling for aggregated disease mapping data. Statistical Methods in Medical Research, 2017, 26, 2726-2742.	1.5	12
155	Spatial variability of rainfall trends in Iran. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	17
156	Spatial Distribution and Management Zones for Sulphur and Micronutrients in Shiwalik Himalayan Region of India. Land Degradation and Development, 2017, 28, 959-969.	3.9	54
157	Regression Tree Modeling of Spatial Pattern and Process Interactions. , 2017, , 187-212.		2
158	Introducing bootstrap methods to investigate coefficient non-stationarity in spatial regression models. Spatial Statistics, 2017, 21, 241-261.	1.9	23
159	Additive Model Building for Spatial Regression. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2017, 79, 779-800.	2.2	8
160	Demographic Analysis Using Modern GIS Software Tools—Case Study of the Republic of Srpska (Bosnia) Tj ETQ	2q1_1_0.78 0.7	34314 rgBT
161	Using spatial factor analysis to measure human development. Journal of Development Economics, 2018, 132, 130-149.	4.5	15
162	Evaluation of spatial distribution and regional zone delineation for micronutrients in a semiarid Deccan Plateau Region of India. Land Degradation and Development, 2018, 29, 2449-2459.	3.9	18

#	Article	IF	CITATIONS
163	Enhancing edaphoclimatic zoning by adding multivariate spatial statistics to regional data. Geoderma, 2018, 310, 170-177.	5.1	13
164	Spatial autoregressive models for statistical inference from ecological data. Ecological Monographs, 2018, 88, 36-59.	5.4	128
165	Risks of Classification of the Gaussian Markov Random Field Observations. Journal of Classification, 2018, 35, 422-436.	2.2	4
166	On the relationship between conditional (CAR) and simultaneous (SAR) autoregressive models. Spatial Statistics, 2018, 25, 68-85.	1.9	40
167	A Simulation Study on Specifying a Regression Model for Spatial Data: Choosing between Autocorrelation and Heterogeneity Effects. Geographical Analysis, 2019, 51, 151-181.	3.5	27
168	Spatial smoothing of low birth weight rate in Bangladesh using Bayesian hierarchical model. Journal of Applied Statistics, 2019, 46, 1870-1885.	1.3	3
169	Evaluation of hotspot cluster detection using spatial scan statistic based on exact counting. Japanese Journal of Statistics and Data Science, 2019, 2, 241-262.	1.2	8
170	Validation and reconstruction of rain gauge–based daily time series for the entire Amazon basin. Theoretical and Applied Climatology, 2019, 138, 759-775.	2.8	4
171	A Fast Algorithm for Combinatorial Hotspot Mining Based on Spatial Scan Statistic. , 2019, , 91-99.		1
172	Models for Small Area Estimation for Census Tracts. Geographical Analysis, 2020, 52, 325-350.	3.5	6
173	Broad learning for nonparametric spatial modeling with application to seismic attenuation. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 203-218.	9.8	25
174	Influence of Geographical Effects in Hedonic Pricing Models for Grass-Fed Cattle in Uruguay. Agriculture (Switzerland), 2020, 10, 299.	3.1	1
175	Bayesian Hierarchical Models for the Frequency of Winter Heavy Precipitation Events Over the Central United States: The Role of Atmospheric Rivers. Water Resources Research, 2020, 56, e2020WR028256.	4.2	1
176	Differentiating anomalous disease intensity with confounding variables in space. International Journal of Health Geographics, 2020, 19, 37.	2.5	2
177	Introducing covariate dependent weighting matrices in fitting autoregressive models and measuring spatio-environmental autocorrelation. Spatial Statistics, 2020, 38, 100454.	1.9	7
178	Comparing Bayesian spatial models: Goodness-of-smoothing criteria for assessing under- and over-smoothing. PLoS ONE, 2020, 15, e0233019.	2.5	12
179	Spatial Regression with Multiple Dependent Variables: Principal Component Analysis and Spatial Autocorrelation. Geographical Analysis, 2020, 53, 543.	3.5	0
180	Estimation of mean squared prediction error of empirically spatial predictor of small area means under a linear mixed model. Journal of Statistical Planning and Inference, 2020, 208, 82-93.	0.6	4

<u> </u>	 	D	
	ON		דעהע
		NLF	

#	Article	IF	CITATIONS
181	Spatial and temporal clustering based on the echelon scan technique and software analysis. Japanese Journal of Statistics and Data Science, 2020, 3, 313-332.	1.2	5
182	Variable selection and estimation for highâ€dimensional spatial autoregressive models. Scandinavian Journal of Statistics, 2020, 47, 587-607.	1.4	5
183	The Forgotten Semantics of Regression Modeling in Geography. Geographical Analysis, 2021, 53, 113-134.	3.5	2
184	Iteratively reweighted least squares with random effects for maximum likelihood in generalized linear mixed effects models. Journal of Statistical Computation and Simulation, 2021, 91, 3404-3425.	1.2	2
185	Management zone delineation and spatial distribution of micronutrients in cold-arid region of India. Environmental Monitoring and Assessment, 2021, 193, 433.	2.7	0
186	Connections between research and policy: The case of fertility diffusion and regional demographic policy in Portugal. Regional Science Policy and Practice, 2021, 13, 729-743.	1.6	0
187	Spatio-Temporal Patterns in Portuguese Regional Fertility Rates: A Bayesian Approach for Spatial Clustering of Curves. Journal of Official Statistics, 2021, 37, 611-653.	0.4	3
188	Structuring Correlation within Hierarchical Spatio-temporal Models for Disease Rates. Lecture Notes in Statistics, 1997, , 309-319.	0.2	9
189	Multiresolution Assessment of Forest Inhomogeneity. Lecture Notes in Statistics, 1997, , 371-385.	0.2	8
190	Spatial Analysis of Disease — Applications. Cancer Treatment and Research, 2002, 113, 151-182.	0.5	8
194	Bayesian inference for directional conditionally autoregressive models. Bayesian Analysis, 2009, 4, .	3.0	5
195	The Impact of Spatial Scales and Spatial Smoothing on the Outcome of Bayesian Spatial Model. PLoS ONE, 2013, 8, e75957.	2.5	10
196	ASSESSMENT OF THE SPREAD OF CHESTNUT INK DISEASE FROM 1995 TO 2005 USING AERIAL PHOTOGRAPHY AND GEOSTATISTICAL METHODS. Acta Horticulturae, 2009, , 349-354.	0.2	3
197	spacetime : Spatio-Temporal Data in <i>R</i> . Journal of Statistical Software, 2012, 51, .	3.7	131
198	Effect of coastal topography on the spatial structure of the populations of small pelagic fish. Marine Ecology - Progress Series, 2003, 265, 243-253.	1.9	12
199	Bayesian analysis of population vulnerability to rainfall events in Venezuela Journal of Integrated Disaster Risk Management, 2013, 3, 137-154.	0.3	1
200	Spatial data analysis: theory and practice. Choice Reviews, 2004, 41, 41-3486-41-3486.	0.2	126
201	Spatial Disease Surveillance: Methods andÂApplications. Computational Biology, 2010, , 283-300.	0.2	0

#	Article	IF	CITATIONS
203	Mortality among young Nicaraguan immigrants to Costa Rica: deaths from disease versus injury. Poblacion Y Salud En Mesoamerica, 0, , .	0.1	0
205	Directional conditionally autoregressive models. Ungyong T'onggye Yon'gu = the Korean Journal of Applied Statistics, 2016, 29, 835-847.	0.1	0
206	Bayesian analysis of directional conditionally autoregressive models. Journal of the Korean Data and Information Science Society, 2016, 27, 1133-1146.	0.2	0
207	Mapping of Relative Risk. , 2006, , 187-199.		0
208	Spatially varying effects of measured confounding variables on disease risk. International Journal of Health Geographics, 2021, 20, 45.	2.5	1
209	Echelon analysis and its software for spatial lattice data. Wiley Interdisciplinary Reviews: Computational Statistics, 2023, 15, .	3.9	0
212	Conceptual knowledge shapes visual working memory for complex visual information. Scientific Reports, 2022, 12, 8088.	3.3	1
213	Evaluation of spatial Bayesian Empirical Likelihood models in analysis of small area data. PLoS ONE, 2022, 17, e0268130.	2.5	0
214	Information Entropy of Non-Probabilistic Processes. Geographical Analysis, 2003, 35, 215-248.	3.5	0
215	Statistically-Robust Clustering Techniques for Mapping Spatial Hotspots: A Survey. ACM Computing Surveys, 2023, 55, 1-38.	23.0	14
216	Spatial Inference of Nitrate Concentrations in Groundwater. Journal of Agricultural, Biological, and Environmental Statistics, 0, , 091218065101047-19.	1.4	0
217	Spatio temporal random effect models for child labor mapping. AIP Conference Proceedings, 2022, , .	0.4	0
218	Maximum Likelihood Algorithm for Spatial Generalized Linear Mixed Models without Numerical Evaluations of Intractable Integrals. Journal of Computational and Graphical Statistics, 2023, 32, 1636-1648.	1.7	0
219	Approaches for Spatial and Temporal-Spatial Clustering Analysis in Avian Influenza Outbreaks. Atmosphere, Earth, Ocean & Space, 2023, , 169-184.	0.5	0
220	Toward implementing autonomous adaptive data acquisition for scanning hyperspectral imaging of biological systems. Applied Physics Reviews, 2023, 10, .	11.3	2
221	Estimating the prevalence of anemia rates among children under five in Peruvian districts with a small sample size. Statistical Methods and Applications, 2023, 32, 1779-1804.	1.2	0
222	Regression applied to symbolic interval-spatial data. Applied Intelligence, 2024, 54, 1545-1565.	5.3	0