

CITATION REPORT

List of articles citing

Spatial modeling with R-INLA: A review

DOI: 10.1002/wics.1443

Wiley Interdisciplinary Reviews: Computational
Statistics, 2018, 10, e1443.

Source: <https://exaly.com/paper-pdf/71137375/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
142	Multivariate posterior inference for spatial models with the integrated nested Laplace approximation. 2019 , 68, 199-215		7
141	Geostatistical Modeling to Capture Seismic-Shaking Patterns From Earthquake-Induced Landslides. 2019 , 124, 1958-1980		26
140	A Spliced Gamma-Generalized Pareto Model for Short-Term Extreme Wind Speed Probabilistic Forecasting. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2019 , 24, 517-534	1.9	5
139	Flexible modelling of spatial variation in agricultural field trials with the R package INLA. 2019 , 132, 3277-3293		13
138	Joint state-parameter estimation of a nonlinear stochastic energy balance model from sparse noisy data. 2019 , 26, 227-250		3
137	Disease relative risk downscaling model to localize spatial epidemiologic indicators for mapping hand, foot, and mouth disease over China. 2019 , 33, 1815-1833		6
136	Spatial modeling of Audubon Christmas Bird Counts reveals fine-scale patterns and drivers of relative abundance trends. 2019 , 10, e02707		13
135	Spatial statistical modelling of insurance risk: a spatial epidemiological approach to car insurance. 2019 , 2019, 508-522		4
134	Quantifying <i>Aedes aegypti</i> dispersal in space and time: a modeling approach. 2019 , 10, e02977		8
133	A spatio-temporal approach to estimate patterns of climate change. 2019 , 30, e2542		8
132	The Rational SPDE Approach for Gaussian Random Fields With General Smoothness. 2020 , 29, 274-285		17
131	Understanding the Stochastic Partial Differential Equation Approach to Smoothing. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2020 , 25, 1-16	1.9	7
130	Spatiotemporal reconstructions of global CO ₂ -fluxes using Gaussian Markov random fields. 2020 , 31, e2610		2
129	Discrete versus continuous domain models for disease mapping. 2020 , 32, 100319		8
128	Integrated Nested Laplace Approximations (INLA). 2020 , 1-19		4
127	Effects of human-related and biotic landscape features on the occurrence and size of modern forest fires in Sweden. 2020 , 291, 108084		9
126	Space-time landslide predictive modelling. <i>Earth-Science Reviews</i> , 2020 , 209, 103318	10.2	35

125	Spatial modeling of multi-hazard threat to cultural heritage sites. 2020 , 277, 105776	31
124	A vulnerability index for COVID-19: spatial analysis at the subnational level in Kenya. 2020 , 5,	26
123	Spatiotemporally Varying Coefficients (STVC) model: a Bayesian local regression to detect spatial and temporal nonstationarity in variables relationships. 2020 , 26, 277-291	12
122	Advances in statistical modeling of spatial extremes. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2020 , e1537	1.4 7
121	The unique spatial ecology of human hunters. 2020 , 4, 694-701	4
120	Geostatistics and Gaussian process models. 2020 , 57-112	3
119	A Bayesian spatiotemporal statistical analysis of out-of-hospital cardiac arrests. 2020 , 62, 1105-1119	4
118	A spatial partial differential equation approach to addressing unit misalignments in Bayesian poisson space-time models. 2020 , 33, 100337	0
117	Bayesian Bivariate Semiparametric Spatial Models for Ozone and PM2.5 Emissions. 2021 , 26, 237-249	0
116	Wildfire and spruce beetle outbreak have mixed effects on below-canopy temperatures in a Rocky Mountain subalpine forest. 2021 , 48, 216-230	2
115	Improving national level spatial mapping of malaria through alternative spatial and spatio-temporal models. 2021 , 36, 100394	0
114	Spatial Models Using Laplace Approximation Methods. 2021 , 1943-1959	1
113	Comparing Bayesian Spatial Conditional Overdispersion and the Besag-Mollie Models: Application to Infant Mortality Rates. 2021 , 9, 282	2
112	Characterising Essential Fish Habitat using spatio-temporal analysis of fishery data: A case study of the European seabass spawning areas. 2021 , 30, 413-428	1
111	Competing risks joint models using R-INLA. 2021 , 21, 56-71	2
110	Main drivers of spatial change in the biomass of commercial species between summer and winter in the NW Mediterranean Sea. 2021 , 164, 105227	2
109	Quantifying 25 years of disease-caused declines in Tasmanian devil populations: host density drives spatial pathogen spread. 2021 , 24, 958-969	14
108	Harmonizing child mortality data at disparate geographic levels. 2021 , 30, 1187-1210	2

107	Chimpanzees balance resources and risk in an anthropogenic landscape of fear. 2021 , 11, 4569	4
106	Inverses of Matérn covariances on grids.	
105	Scalable Bayesian modelling for smoothing disease risks in large spatial data sets using INLA. 2021 , 41, 100496	4
104	Where Is the Clean Air? A Bayesian Decision Framework for Personalised Cyclist Route Selection Using R-INLA. 2021 , 16,	2
103	From scenario-based seismic hazard to scenario-based landslide hazard: fast-forwarding to the future via statistical simulations. 1	3
102	Prediction of regional wildfire activity in the probabilistic Bayesian framework of Firelihood. 2021 , 31, e02316	4
101	Killer whale movements on the Norwegian shelf are associated with herring density. 2021 , 665, 217-231	9
100	Subnational estimates of factors associated with under-five mortality in Kenya: a spatio-temporal analysis, 1993-2014. 2021 , 6,	0
99	Predicting the nationwide outmigration timing of Atlantic salmon (<i>Salmo salar</i>) smolts along 12 degrees of latitude in Norway. 2021 , 27, 1383-1392	2
98	Landscape complexity and US crop production. 2021 , 2, 330-338	8
97	Bayesian Inference of Ice Softness and Basal Sliding Parameters at Langjökull. 2021 , 9,	1
96	The F-family of covariance functions: A Matérn analogue for modeling random fields on spheres. 2021 , 43, 100512	2
95	Estimating ambient air pollutant levels in Suzhou through the SPDE approach with R-INLA. 2021 , 235, 113766	3
94	Unveiling spatial variability in herbicide soil sorption using Bayesian digital mapping. 2021 , 50, 934-944	
93	Environmental and sociodemographic risk factors associated with environmentally transmitted zoonoses hospitalisations in Queensland, Australia. 2021 , 12, 100206	1
92	Max-and-Smooth: A Two-Step Approach for Approximate Bayesian Inference in Latent Gaussian Models. 2021 , 16,	0
91	Isotopic niche variation in Tasmanian devils with progression of devil facial tumor disease. 2021 , 11, 8038-8053	1
90	Ageing red deer alter their spatial behaviour and become less social.	2

89	Spatiotemporal Analysis of the Association Between Pain Management Clinic Laws and Opioid Prescribing and Overdose Deaths. 2021 , 190, 2592-2603	2
88	Community-level factors and incidence of gun violence in the United States, 2014-2017. 2021 , 280, 113969	8
87	Individual and contextual predictors of overweight or obesity among women in Uganda: a spatio-temporal perspective. 1	0
86	Bats actively track and prey on grape pest populations. 2021 , 126, 107718	3
85	Forecasting deforestation in the Brazilian Amazon to prioritize conservation efforts. 2021 , 16, 084034	4
84	Exploring dynamic process of regional shrinkage in Ohio: A Bayesian perspective on population shifts at small-area levels. 2021 , 115, 103228	2
83	Accounting for spatial dependence improves relative abundance estimates in a benthic marine species structured as a metapopulation. 2021 , 240, 105960	1
82	A gaussian field approach to generating spatial age length keys. 2021 , 240, 105956	2
81	What are the associations between thinning and fire severity?.	6
80	Quantifying abundance trends and environmental effects on a population of queen scallop <i>Aequipecten opercularis</i> targeted by artisanal fishers in a coastal upwelling area (R� de Arousa, NW Spain) using a Bayesian spatial model. 2021 , 240, 105963	0
79	A Bayesian Model for Estimating the Effects of Human Disturbance on Wildlife Habitats Based on Nighttime Light Data and INLA-SPDE. 1	1
78	Empirical analyses of the factors influencing fire severity in southeastern Australia. 2021 , 12, e03721	8
77	Examining socio-economic factors to understand the hospital case fatality rates of COVID-19 in the city of S� Paulo, Brazil. 2021 , 115, 1282-1287	3
76	Global drivers of avian haemosporidian infections vary across zoogeographical regions. 2021 , 30, 2393	7
75	Spatial modelling of hydrothermal mineralization-related geochemical patterns using INLA+SPDE and local singularity analysis. 2021 , 154, 104822	4
74	Statistical models of yield in on-farm precision experimentation.	2
73	Robust trend estimation for COVID-19 in Brazil. 2021 , 39, 100455	2
72	Gaussian Markov random fields improve ensemble predictions of daily 1 km PM2.5 and PM10 across France. 2021 , 264, 118693	2

71	Remotely-sensed water budgets for agriculture in the upper midwestern United States. 2021 , 258, 107187	1
70	From scenario-based seismic hazard to scenario-based landslide hazard: rewinding to the past via statistical simulations. 1	5
69	Chrono-validation of near-real-time landslide susceptibility models via plug-in statistical simulations. 2020 , 278, 105818	11
68	Prediction of regional wildfire activity with a probabilistic Bayesian framework.	1
67	A vulnerability index for COVID-19: spatial analysis to inform equitable response in Kenya.	9
66	Spatial Models Using Laplace Approximation Methods. 2019 , 1-16	
65	Competing risks joint models using R-INLA. 1471082X1991365	
64	Predicting the future distribution of antibiotic resistance using time series forecasting and geospatial modelling. 5, 194	
63	Estimation of annual runoff by exploiting long-term spatial patterns and short records within a geostatistical framework. 2020 , 24, 4109-4133	1
62	Developing an Evidence-Based Coexistence Strategy to Promote Human and Wildlife Health in a Biodiverse Agroforest Landscape. 2021 , 2,	1
61	Modeling the spatial distribution of . A non-stationary approach with dispersal barriers. 2021 ,	0
60	Spatiotemporal probabilistic wind vector forecasting over Saudi Arabia. <i>Annals of Applied Statistics</i> , 2020 , 14,	2.1 1
59	When Enough Is Really Enough? On the Minimum Number of Landslides to Build Reliable Susceptibility Models. 2021 , 11, 469	4
58	The integrated nested Laplace approximation applied to spatial log-Gaussian Cox process models. 1-24	
57	Dynamics and predicted distribution of an irrupting sleeper population: fallow deer in Tasmania. 2022 , 24, 1131	0
56	Effect of individual, household and regional socioeconomic factors and PM on anaemia: A cross-sectional study of sub-Saharan African countries.. 2022 , 40, 100472	0
55	Spatial species distribution models: Using Bayes inference with INLA and SPDE to improve the tree species choice for important European tree species. 2022 , 507, 119983	2
54	Smart Gradient - An adaptive technique for improving gradient estimation. 2022 ,	0

53	Mapping the Morbidity Risk Associated with Coal Mining in Queensland, Australia.. 2022 , 19,		0
52	The SPDE approach for Gaussian and non-Gaussian fields: 10 years and still running. 2022 , 100599		1
51	Intersectoral and spatial spill-overs of firmsBankruptcy in Spain. 1		
50	Urban climate change: A statistical analysis for Sã Paulo. 2022 , 41, 101077		
49	A Bayesian machine learning approach for spatio-temporal prediction of COVID-19 cases.. 2022 , 1-19		2
48	The shadow model: how and why small choices in spatially explicit species distribution models affect predictions.. 2022 , 10, e12783		1
47	Distinct Susceptibility Patterns of Active and Relict Landslides Reveal Distinct Triggers: A Case in Northwestern Turkey. 2022 , 14, 1321		0
46	Post-pandemic COVID-19 estimated and forecasted hotspots in the Association of Southeast Asian Nations (ASEAN) countries in connection to vaccination rate.. 2022 , 17,		0
45	High-Resolution Estimation of Monthly Air Temperature from Joint Modeling of In Situ Measurements and Gridded Temperature Data. 2022 , 10, 47		
44	How does the community COVID-19 level of risk impact on that of a care home?. 2021 , 16, e0260051		0
43	Relative abundance distribution and body size changes of two co-occurring octopus species, <i>Octopus americanus</i> and <i>Octopus maya</i> , in a tropical upwelling area (south-eastern Gulf of Mexico).		
42	Forest wildflowers bloom earlier as Europe warms: lessons from herbaria and spatial modelling.. <i>New Phytologist</i> , 2022 ,	9.8	0
41	Spatio-Temporal Modelling of Dengue Fever Patterns in Peninsular Malaysia from 2015-2017. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> ,	1.2	
40	Bayesian species distribution models integrate presence-only and presence-absence data to predict deer distribution and relative abundance.		0
39	Modelling Sub-daily Precipitation Extremes with the Blended Generalised Extreme Value Distribution. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> ,	1.9	0
38	Coupling spatial statistics with social network analysis to estimate distinct risk areas of disease circulation to improve risk-based surveillance. <i>Transboundary and Emerging Diseases</i> ,	4.2	
37	Approximate Bayesian inference for analysis of spatiotemporal flood frequency data. <i>Annals of Applied Statistics</i> , 2022 , 16,	2.1	0
36	Effects of frequency and season of fire on a metapopulation of an imperiled butterfly in a longleaf pine forest. <i>Conservation Science and Practice</i> ,	2.2	0

35	Accessibility to rabies centers and human rabies post-exposure prophylaxis rates in Cambodia: A Bayesian spatio-temporal analysis to identify optimal locations for future centers. <i>PLoS Neglected Tropical Diseases</i> , 2022 , 16, e0010494	4.8	0
34	Mapping ex ante risks of COVID-19 in Indonesia using a Bayesian geostatistical model on airport network data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> ,	2.1	
33	Landslide susceptibility maps of Italy: Lesson learnt from dealing with multiple landslide types and the uneven spatial distribution of the national inventory. <i>Earth-Science Reviews</i> , 2022 , 104125	10.2	1
32	Spatio-temporal monitoring of health facility-level malaria trends in Zambia and adaptive scaling for operational intervention. <i>Communications Medicine</i> , 2022 , 2,		
31	Ageing red deer alter their spatial behaviour and become less social. 2022 , 6, 1231-1238		3
30	Spatio-temporal modeling of traffic accidents incidence on urban road networks based on an explicit network triangulation. 1-22		0
29	Evaluating spatial statistical and machine learning models in urban dynamic population mapping. 275412312211141		
28	A Scalable Partitioned Approach to Model Massive Nonstationary Non-Gaussian Spatial Datasets. 1-30		
27	A Bayesian modelling framework to quantify multiple sources of spatial variation for disease mapping. 2022 , 19,		0
26	Pipeline to identify dominant features in spatial data. 2022 , 100063		0
25	How Neighborhood Characteristics Influence Neighborhood Crimes: A Bayesian Hierarchical Spatial Analysis. 2022 , 19, 11416		1
24	Improving Estimates and Change Detection of Forest Above-Ground Biomass Using Statistical Methods. 2022 , 14, 4911		0
23	A geostatistical spatially varying coefficient model for mean annual runoff that incorporates process-based simulations and short records. 2022 , 26, 5391-5410		0
22	Co-benefits not trade-offs associated with heat tolerance in a reef building coral.		0
21	A comparison of nonergodic ground-motion models based on geographically weighted regression and the integrated nested laplace approximation.		0
20	The SPDE Approach to Matñ Fields: Graph Representations. 2022 , 37,		1
19	Response of Pacific halibut (<i>Hippoglossus stenolepis</i>) to future climate scenarios in the Northeast Pacific Ocean. 2022 , 106540		0
18	Controlling the Flexibility of Non-Gaussian Processes Through Shrinkage Priors. 2022 , -1,		0

17	Estimating the effect of biofouling on ship shaft power based on sensor measurements. 1-13	0
16	Development of a prototype early warning system for avian influenza in the EU based on risk-mapping. 2022 , 19,	0
15	Parallelized integrated nested Laplace approximations for fast Bayesian inference. 2023 , 33,	1
14	A new avenue for Bayesian inference with INLA. 2023 , 107692	1
13	Synergetic use of DEM derivatives, Sentinel-1 and Sentinel-2 data for mapping soil properties of a sloped cropland based on a two-step ensemble learning method. 2023 , 866, 161421	0
12	Social familiarity and spatially variable environments independently determine reproductive fitness in a wild bird.	0
11	Pathways of degradation in rangelands in Northern Tanzania show their loss of resistance, but potential for recovery. 2023 , 13,	0
10	Neighborhood-level association between release from incarceration and fatal overdose, Rhode Island, 2016-2020. 2023 , 109867	0
9	Big problems in spatio-temporal disease mapping: Methods and software. 2023 , 231, 107403	0
8	Modelling InSAR-derived hillslope velocities with multivariate statistics: A first attempt to generate interpretable predictions. 2023 , 289, 113518	0
7	A combined statistical and machine learning approach for spatial prediction of extreme wildfire frequencies and sizes. 2023 , 26, 301-330	0
6	Approximation of Bayesian Hawkes process with inlabru.	0
5	Spatio-temporal model and machine learning method reveal patterns and processes of migration under climate change.	0
4	Bayesian modeling of the temporal evolution of seismicity using the ETAS.inlabru package. 9,	0
3	Influences on koala habitat selection across four local government areas on the far north coast of NSW.	0
2	No apparent trade-offs associated with heat tolerance in a reef-building coral. 2023 , 6,	0
1	Spatial patterns in Brazilian state legislative elections. 1-15	0