

# Kerrie L Mengersen

## List of Publications by Year in descending order

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457  
papers

15,872  
citations

26610

56  
h-index

26591

107  
g-index

509  
all docs

509  
docs citations

509  
times ranked

20420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensuring Prevention Science Research is Synthesis-Ready for Immediate and Lasting Scientific Impact. <i>Prevention Science</i> , 2022, 23, 809-820.	1.5	6
2	Bayesian prediction of winning times for elite swimming events. <i>Journal of Sports Sciences</i> , 2022, 40, 24-31.	1.0	4
3	Identification of two-phase recovery for interpretation of coral reef monitoring data. <i>Journal of Applied Ecology</i> , 2022, 59, 153-164.	1.9	6
4	Designing an evidence-based Bayesian network for estimating the risk versus benefits of AstraZeneca COVID-19 vaccine. <i>Vaccine</i> , 2022, 40, 3072-3084.	1.7	6
5	Framework for assessing and easing global COVID-19 travel restrictions. <i>Scientific Reports</i> , 2022, 12, 6985.	1.6	7
6	Evaluation of spatial Bayesian Empirical Likelihood models in analysis of small area data. <i>PLoS ONE</i> , 2022, 17, e0268130.	1.1	0
7	Kernelized Sparse Bayesian Matrix Factorization. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 391-404.	7.2	6
8	Correcting Misclassification Errors in Crowdsourced Ecological Data: A Bayesian Perspective. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 147-173.	0.5	7
9	Assessing the accuracy of record linkages with Markov chain based Monte Carlo simulation approach. <i>Journal of Big Data</i> , 2021, 8, .	6.9	5
10	Spatial Random Forest (S-RF): A random forest approach for spatially interpolating missing land-cover data with multiple classes. <i>International Journal of Remote Sensing</i> , 2021, 42, 3756-3776.	1.3	5
11	Likelihood-Free Parameter Estimation for Dynamic Queueing Networks: Case Study of Passenger Flow in an International Airport Terminal. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2021, 70, 770-792.	0.5	4
12	Simple discrete-time self-exciting models can describe complex dynamic processes: A case study of COVID-19. <i>PLoS ONE</i> , 2021, 16, e0250015.	1.1	9
13	Understanding the reliability of citizen science observational data using item response models. <i>Methods in Ecology and Evolution</i> , 2021, 12, 1533-1548.	2.2	9
14	Interpolating missing land cover data using stochastic spatial random forests for improved change detection. <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 649-665.	2.2	6
15	Connecting virtual reality and ecology: a new tool to run seamless immersive experiments in R. <i>PeerJ Computer Science</i> , 2021, 7, e544.	2.7	1
16	Peer groups for organisational learning: Clustering with practical constraints. <i>PLoS ONE</i> , 2021, 16, e0251723.	1.1	0
17	Using internet-based query and climate data to predict climate-sensitive infectious disease risks: a systematic review of epidemiological evidence. <i>International Journal of Biometeorology</i> , 2021, 65, 2203-2214.	1.3	9
18	Predicting performance in 4 x 200-m freestyle swimming relay events. <i>PLoS ONE</i> , 2021, 16, e0254538.	1.1	1

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19	Curve Registration of Functional Data for Approximate Bayesian Computation. <i>Stats</i> , 2021, 4, 762-775.	0.5	0
20	Bayesian spatial survival modelling for dengue fever in Makassar, Indonesia. <i>Gaceta Sanitaria</i> , 2021, 35, S59-S63.	0.6	5
21	Bayesian Hierarchical Multidimensional Item Response Modeling of Small Sample, Sparse Data for Personalized Developmental Surveillance. <i>Educational and Psychological Measurement</i> , 2021, 81, 936-956.	1.2	4
22	Bayesian meta-analysis models for cross cancer genomic investigation of pleiotropic effects using group structure. <i>Statistics in Medicine</i> , 2021, 40, 1498-1518.	0.8	2
23	Mapping of Coral Reefs with Multispectral Satellites: A Review of Recent Papers. <i>Remote Sensing</i> , 2021, 13, 4470.	1.8	7
24	Reconstructing Missing and Anomalous Data Collected from High-Frequency In-Situ Sensors in Fresh Waters. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12803.	1.2	5
25	Using big data to predict pertussis infections in Jinan city, China: a time series analysis. <i>International Journal of Biometeorology</i> , 2020, 64, 95-104.	1.3	21
26	Monitoring through many eyes: Integrating disparate datasets to improve monitoring of the Great Barrier Reef. <i>Environmental Modelling and Software</i> , 2020, 124, 104557.	1.9	9
27	Combining Opinions for Use in Bayesian Networks: A Measurement Error Approach. <i>International Statistical Review</i> , 2020, 88, 335-353.	1.1	2
28	Identification of Pre-Clinical Alzheimer's Disease in a Population of Elderly Cognitively Normal Participants. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 683-693.	1.2	0
29	A stochastic model of jaguar abundance in the Peruvian Amazon under climate variation scenarios. <i>Ecology and Evolution</i> , 2020, 10, 10829-10850.	0.8	1
30	Evaluating the impact of a small number of areas on spatial estimation. <i>International Journal of Health Geographics</i> , 2020, 19, 39.	1.2	13
31	Hindsight is 2020 vision: a characterisation of the global response to the COVID-19 pandemic. <i>BMC Public Health</i> , 2020, 20, 1868.	1.2	15
32	Augmenting disease maps: a Bayesian meta-analysis approach. <i>Royal Society Open Science</i> , 2020, 7, 192151.	1.1	2
33	Detecting Technical Anomalies in High-Frequency Water-Quality Data Using Artificial Neural Networks. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13719-13730.	4.6	27
34	Multivariate Bayesian meta-analysis: joint modelling of multiple cancer types using summary statistics. <i>International Journal of Health Geographics</i> , 2020, 19, 42.	1.2	4
35	Relative rate of change in cognitive score network dynamics via Bayesian hierarchical models reveal spatial patterns of neurodegeneration. <i>Statistics in Medicine</i> , 2020, 39, 2695-2713.	0.8	0
36	Estimating a novel stochastic model for within-field disease dynamics of banana bunchy top virus via approximate Bayesian computation. <i>PLoS Computational Biology</i> , 2020, 16, e1007878.	1.5	8

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37	Comparing Bayesian spatial models: Goodness-of-smoothing criteria for assessing under- and over-smoothing. PLoS ONE, 2020, 15, e0233019.	1.1	12
38	Identifying latent subgroups of children with developmental delay using Bayesian sequential updating and Dirichlet process mixture modelling. PLoS ONE, 2020, 15, e0233542.	1.1	2
39	A new ecosystem for evidence synthesis. Nature Ecology and Evolution, 2020, 4, 498-501.	3.4	39
40	Forecasting intensifying disturbance effects on coral reefs. Global Change Biology, 2020, 26, 2785-2797.	4.2	46
41	County-level variation in the long-term association between PM2.5 and lung cancer mortality in China. Science of the Total Environment, 2020, 738, 140195.	3.9	20
42	Global, regional, and national burden of lung cancer and its attributable risk factors, 1990 to 2017. Cancer, 2020, 126, 4220-4234.	2.0	32
43	Bayesian Nonnegative Matrix Factorization With Dirichlet Process Mixtures. IEEE Transactions on Signal Processing, 2020, 68, 3860-3870.	3.2	9
44	Association of weather variability with resurging pertussis infections among different age groups: A non-linear approach. Science of the Total Environment, 2020, 719, 137510.	3.9	4
45	Climate variability and dengue fever in Makassar, Indonesia: Bayesian spatio-temporal modelling. Spatial and Spatio-temporal Epidemiology, 2020, 33, 100335.	0.9	12
46	Comparison of statistical machine learning models for rectal protocol compliance in prostate external beam radiation therapy. Medical Physics, 2020, 47, 1452-1459.	1.6	4
47	Informing management decisions for ecological networks, using dynamic models calibrated to noisy time-series data. Ecology Letters, 2020, 23, 607-619.	3.0	24
48	A Comparison of Bayesian Spatial Models for Cancer Incidence at a Small Area Level: Theory and Performance. Lecture Notes in Mathematics, 2020, , 245-274.	0.1	3
49	A Survey of Bayesian Statistical Approaches for Big Data. Lecture Notes in Mathematics, 2020, , 17-44.	0.1	3
50	Stochastic spatial random forest (SS-RF) for interpolating probabilities of missing land cover data. Journal of Big Data, 2020, 7, .	6.9	3
51	Thresholds of Coral Cover That Support Coral Reef Biodiversity. Lecture Notes in Mathematics, 2020, , 385-398.	0.1	0
52	Bayesian Modelling to Assist Inference on Health Outcomes in Occupational Health Surveillance. Lecture Notes in Mathematics, 2020, , 327-343.	0.1	0
53	An Ensemble Approach to Modelling the Combined Effect of Risk Factors on Age at Parkinson's Disease Onset. Lecture Notes in Mathematics, 2020, , 275-302.	0.1	0
54	Bayesian Spike Sorting: Parametric and Nonparametric Multivariate Gaussian Mixture Models. Lecture Notes in Mathematics, 2020, , 215-227.	0.1	0

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55	Workplace Health and Workplace Wellness: Synergistic or Disconnected?. Lecture Notes in Mathematics, 2020, , 303-326.	0.1	1
56	A Bayesian Hierarchical Approach to Jointly Model Cortical Thickness and Covariance Networks. Lecture Notes in Mathematics, 2020, , 155-213.	0.1	0
57	Bayesian Learning of Biodiversity Models Using Repeated Observations. Lecture Notes in Mathematics, 2020, , 371-384.	0.1	0
58	Bayesian Computation with Intractable Likelihoods. Lecture Notes in Mathematics, 2020, , 137-151.	0.1	4
59	Application of Bayesian Mixture Models to Satellite Images and Estimating the Risk of Fire-Ant Incursion in the Identified Geographical Cluster. Lecture Notes in Mathematics, 2020, , 399-417.	0.1	0
60	Bayesian Networks for Understanding Human-Wildlife Conflict in Conservation. Lecture Notes in Mathematics, 2020, , 347-370.	0.1	1
61	Nonparametric Bayesian Nonnegative Matrix Factorization. Lecture Notes in Computer Science, 2020, , 132-141.	1.0	0
62	Title is missing!. , 2020, 16, e1007878.		0
63	Title is missing!. , 2020, 16, e1007878.		0
64	Title is missing!. , 2020, 16, e1007878.		0
65	Title is missing!. , 2020, 16, e1007878.		0
66	Title is missing!. , 2020, 16, e1007878.		0
67	Title is missing!. , 2020, 16, e1007878.		0
68	Evaluating health facility access using Bayesian spatial models and location analysis methods. PLoS ONE, 2019, 14, e0218310.	1.1	7
69	Analysing the dynamics and relative influence of variables affecting ecosystem responses using functional PCA and boosted regression trees: A seagrass case study. Methods in Ecology and Evolution, 2019, 10, 1723-1733.	2.2	3
70	[HDDA] sparse subspace constrained partial least squares. Journal of Statistical Computation and Simulation, 2019, 89, 1005-1019.	0.7	0
71	Predicting fatigue using countermovement jump force-time signatures: PCA can distinguish neuromuscular versus metabolic fatigue. PLoS ONE, 2019, 14, e0219295.	1.1	26
72	Bayesian mixture models and their Big Data implementations with application to invasive species presence-only data. Journal of Big Data, 2019, 6, .	6.9	1

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73	Application of ensemble methods to analyse the decline of organochlorine pesticides in relation to the interactions between age, gender and time. <i>PLoS ONE</i> , 2019, 14, e0223956.	1.1	3
74	A Bayesian spatiotemporal model of panel design data: Airborne particle number concentration in Brisbane, Australia. <i>Environmetrics</i> , 2019, 30, e2597.	0.6	5
75	A Feature-Based Procedure for Detecting Technical Outliers in Water Quality Data From In Situ Sensors. <i>Water Resources Research</i> , 2019, 55, 8547-8568.	1.7	12
76	A Decision Tree Approach for Spatially Interpolating Missing Land Cover Data and Classifying Satellite Images. <i>Remote Sensing</i> , 2019, 11, 1796.	1.8	21
77	Bayesian statistics meets sports: a comprehensive review. <i>Journal of Quantitative Analysis in Sports</i> , 2019, 15, 289-312.	0.5	20
78	Lung Cancer Mortality in China. <i>Chest</i> , 2019, 156, 972-983.	0.4	16
79	Development of the Australian Cancer Atlas: spatial modelling, visualisation, and reporting of estimates. <i>International Journal of Health Geographics</i> , 2019, 18, 21.	1.2	17
80	Short-term association between ambient air pollution and lung cancer mortality. <i>Environmental Research</i> , 2019, 179, 108748.	3.7	87
81	Estimating Spatial and Temporal Trends in Environmental Indices Based on Satellite Data: A Two-Step Approach. <i>Sensors</i> , 2019, 19, 361.	2.1	6
82	Image Denoising Based on Nonlocal Bayesian Singular Value Thresholding and Stein's Unbiased Risk Estimator. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 4899-4911.	6.0	11
83	Improving the value of ultrasound in children with suspected appendicitis: a prospective study integrating secondary sonographic signs. <i>Ultrasonography</i> , 2019, 38, 67-75.	1.0	20
84	Water quality mediates resilience on the Great Barrier Reef. <i>Nature Ecology and Evolution</i> , 2019, 3, 620-627.	3.4	139
85	A framework for automated anomaly detection in high frequency water-quality data from in situ sensors. <i>Science of the Total Environment</i> , 2019, 664, 885-898.	3.9	64
86	Predicting sediment and nutrient concentrations from high-frequency water-quality data. <i>PLoS ONE</i> , 2019, 14, e0215503.	1.1	19
87	Using virtual reality and thermal imagery to improve statistical modelling of vulnerable and protected species. <i>PLoS ONE</i> , 2019, 14, e0217809.	1.1	8
88	Association of sociodemographic factors and internet query data with pertussis infections in Shandong, China. <i>Epidemiology and Infection</i> , 2019, 147, e302.	1.0	1
89	Using the Value of Information to improve conservation decision making. <i>Biological Reviews</i> , 2019, 94, 629-647.	4.7	50
90	Resurgence of Pertussis Infections in Shandong, China: Space-Time Cluster and Trend Analysis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 1342-1354.	0.6	15

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91	Robust Kernelized Bayesian Matrix Factorization for Video Background/Foreground Separation. Lecture Notes in Computer Science, 2019, , 484-495.	1.0	3
92	Bayesian Approach to Predicting Acute Appendicitis Using Ultrasonographic and Clinical Variables in Children. Healthcare Informatics Research, 2019, 25, 212.	1.0	4
93	Transferring biodiversity models for conservation: Opportunities and challenges. Methods in Ecology and Evolution, 2018, 9, 1250-1264.	2.2	84
94	Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. Environment International, 2018, 114, 167-180.	4.8	85
95	Lung cancer and particulate pollution: A critical review of spatial and temporal analysis evidence. Environmental Research, 2018, 164, 585-596.	3.7	49
96	Using History Matching for Prior Choice. Technometrics, 2018, 60, 445-460.	1.3	6
97	Managing seagrass resilience under cumulative dredging affecting light: Predicting risk using dynamic Bayesian networks. Journal of Applied Ecology, 2018, 55, 1339-1350.	1.9	20
98	Approximation of Bayesian Predictive p-Values with Regression ABC. Bayesian Analysis, 2018, 13, .	1.6	13
99	Dynamic Bayesian Network Inferencing for Non-Homogeneous Complex Systems. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 417-434.	0.5	10
100	Prior and Posterior Linear Pooling for Combining Expert Opinions: Uses and Impact on Bayesian Networksâ€”The Case of the Wayfinding Model. Entropy, 2018, 20, 209.	1.1	3
101	Paediatric appendiceal ultrasound: a survey of Australasian sonographersâ€™ opinions on examination performance and sonographic criteria. Journal of Medical Radiation Sciences, 2018, 65, 267-274.	0.8	3
102	Critical evaluation of linear regression models for cell-subtype specific methylation signal from mixed blood cell DNA. PLoS ONE, 2018, 13, e0208915.	1.1	6
103	An efficient algorithm for estimating brain covariance networks. PLoS ONE, 2018, 13, e0198583.	1.1	2
104	Influence of Spatial Aggregation on Prediction Accuracy of Green Vegetation Using Boosted Regression Trees. Remote Sensing, 2018, 10, 1260.	1.8	5
105	Statistical Machine Learning Methods and Remote Sensing for Sustainable Development Goals: A Review. Remote Sensing, 2018, 10, 1365.	1.8	158
106	Visual symptoms following iridotomy. Clinical and Experimental Ophthalmology, 2018, 46, 1100-1101.	1.3	0
107	An imageâ€”guided radiotherapy decision support framework incorporating a Bayesian network and visualization tool. Medical Physics, 2018, 45, 2884-2897.	1.6	7
108	A feature alignment score for online coneâ€”beam CT â€”based imageâ€”guided radiotherapy for prostate cancer. Medical Physics, 2018, 45, 2898-2911.	1.6	3

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109	Using Google Trends and ambient temperature to predict seasonal influenza outbreaks. <i>Environment International</i> , 2018, 117, 284-291.	4.8	74
110	Analysis of the predictive value of clinical and sonographic variables in children with suspected acute appendicitis using decision tree algorithms. <i>Sonography</i> , 2018, 5, 157-163.	0.4	7
111	UAVs and Machine Learning Revolutionising Invasive Grass and Vegetation Surveys in Remote Arid Lands. <i>Sensors</i> , 2018, 18, 605.	2.1	46
112	Modelling habitat and planning surveillance using Landsat imagery: a case study using Imported Red Fire ants. <i>Biological Invasions</i> , 2018, 20, 1349-1367.	1.2	2
113	Now You See Them, Soon You Won't: Statistical and Mathematical Models for Cheetah Conservation Management. , 2018, , 505-515.		1
114	Outstanding Challenges in the Transferability of Ecological Models. <i>Trends in Ecology and Evolution</i> , 2018, 33, 790-802.	4.2	403
115	Using virtual reality to estimate aesthetic values of coral reefs. <i>Royal Society Open Science</i> , 2018, 5, 172226.	1.1	14
116	Environmental decision-making using Bayesian networks: creating an environmental report card. <i>Applied Stochastic Models in Business and Industry</i> , 2017, 33, 335-347.	0.9	3
117	Risk Profiles for Sensorineural Hearing Loss in Patients with Head and Neck Cancer Receiving Cisplatin-based Chemoradiation. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2017, 48, 61-67.	0.2	9
118	Comparisons of neurodegeneration over time between healthy ageing and Alzheimer's disease cohorts via Bayesian inference. <i>BMJ Open</i> , 2017, 7, e012174.	0.8	11
119	Zero-tolerance biosecurity protects high-conservation-value island nature reserve. <i>Scientific Reports</i> , 2017, 7, 772.	1.6	15
120	Using a Bayesian network to clarify areas requiring research in a host-pathogen system. <i>Conservation Biology</i> , 2017, 31, 1373-1382.	2.4	4
121	Effect of Weather Variability on Seasonal Influenza Among Different Age Groups in Queensland, Australia: A Bayesian Spatiotemporal Analysis. <i>Journal of Infectious Diseases</i> , 2017, 215, 1695-1701.	1.9	30
122	Crown-of-thorns starfish undermine the resilience of coral populations on the Great Barrier Reef. <i>Global Ecology and Biogeography</i> , 2017, 26, 846-853.	2.7	21
123	Improved Coral Population Estimation Reveals Trends at Multiple Scales on Australia's Great Barrier Reef. <i>Ecosystems</i> , 2017, 20, 1337-1350.	1.6	12
124	Modelling imperfect presence data obtained by citizen science. <i>Environmetrics</i> , 2017, 28, e2446.	0.6	19
125	A geostatistical model for combined analysis of point-level and area-level data using INLA and SPDE. <i>Spatial Statistics</i> , 2017, 21, 27-41.	0.9	44
126	Stumped? It could be stump appendicitis. <i>Sonography</i> , 2017, 4, 36-39.	0.4	2

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127	Effects of dredging on critical ecological processes for marine invertebrates, seagrasses and macroalgae, and the potential for management with environmental windows using Western Australia as a case study. <i>Ecological Indicators</i> , 2017, 78, 229-242.	2.6	34
128	Potential of Bayesian networks for adaptive management in water recycling. <i>Environmental Modelling and Software</i> , 2017, 91, 251-270.	1.9	10
129	Concentrations of organochlorine pesticides in pooled human serum by age and gender. <i>Environmental Research</i> , 2017, 154, 10-18.	3.7	33
130	Bayesian semi-individual based model with approximate Bayesian computation for parameters calibration: Modelling Crown-of-Thorns populations on the Great Barrier Reef. <i>Ecological Modelling</i> , 2017, 364, 113-123.	1.2	8
131	Principles of Experimental Design for Big Data Analysis. <i>Statistical Science</i> , 2017, 32, 385-404.	1.6	24
132	Monitoring Pertussis Infections Using Internet Search Queries. <i>Scientific Reports</i> , 2017, 7, 10437.	1.6	34
133	Transgenic Cavendish bananas with resistance to Fusarium wilt tropical race 4. <i>Nature Communications</i> , 2017, 8, 1496.	5.8	168
134	Timing anthropogenic stressors to mitigate their impact on marine ecosystem resilience. <i>Nature Communications</i> , 2017, 8, 1263.	5.8	47
135	Spatial variation in cancer incidence and survival over time across Queensland, Australia. <i>Spatial and Spatio-temporal Epidemiology</i> , 2017, 23, 59-67.	0.9	22
136	First integrative trend analysis for a great ape species in Borneo. <i>Scientific Reports</i> , 2017, 7, 4839.	1.6	47
137	Bayesian hidden Markov models in DNA sequence segmentation using R: the case of Simian Vacuolating virus (SV40). <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 2799-2827.	0.7	1
138	An improved method for calculating toxicity-based pollutant loads: Part 1. Method development. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 746-753.	1.6	7
139	An improved method for calculating toxicity-based pollutant loads: Part 2. Application to contaminants discharged to the Great Barrier Reef, Queensland, Australia. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 754-764.	1.6	7
140	Influence of demographic variables on uptake of domestic solar photovoltaic technology. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 315-323.	8.2	58
141	Guidelines for Use of the Approximate Beta-Poisson Dose-Response Model. <i>Risk Analysis</i> , 2017, 37, 1388-1402.	1.5	15
142	Oil palm community conflict mapping in Indonesia: A case for better community liaison in planning for development initiatives. <i>Applied Geography</i> , 2017, 78, 33-44.	1.7	74
143	Modelling environmental drivers of black band disease outbreaks in populations of foliose corals in the genus <i>Montipora</i> . <i>PeerJ</i> , 2017, 5, e3438.	0.9	6
144	Accounting for cell lineage and sex effects in the identification of cell-specific DNA methylation using a Bayesian model selection algorithm. <i>PLoS ONE</i> , 2017, 12, e0182455.	1.1	6

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145	Spatial smoothing in Bayesian models: a comparison of weights matrix specifications and their impact on inference. <i>International Journal of Health Geographics</i> , 2017, 16, 47.	1.2	55
146	Accurate phenotyping: Reconciling approaches through Bayesian model averaging. <i>PLoS ONE</i> , 2017, 12, e0176136.	1.1	1
147	Joint modelling of potentially avoidable hospitalisation for five diseases accounting for spatiotemporal effects: A case study in New South Wales, Australia. <i>PLoS ONE</i> , 2017, 12, e0183653.	1.1	9
148	Using Boosted Regression Trees and Remotely Sensed Data to Drive Decision-Making. <i>Open Journal of Statistics</i> , 2017, 07, 859-875.	0.3	22
149	Making the most of spatial information in health: a tutorial in Bayesian disease mapping for areal data. <i>Geospatial Health</i> , 2016, 11, 428.	0.3	31
150	Unmanned Aerial Vehicles (UAVs) and Artificial Intelligence Revolutionizing Wildlife Monitoring and Conservation. <i>Sensors</i> , 2016, 16, 97.	2.1	327
151	Bayesian Estimation of Small Effects in Exercise and Sports Science. <i>PLoS ONE</i> , 2016, 11, e0147311.	1.1	55
152	Spatially Varying Coefficient Inequalities: Evaluating How the Impact of Patient Characteristics on Breast Cancer Survival Varies by Location. <i>PLoS ONE</i> , 2016, 11, e0155086.	1.1	2
153	A Generalized QMRA Beta-Poisson Dose-Response Model. <i>Risk Analysis</i> , 2016, 36, 1948-1958.	1.5	11
154	Rising floodwaters: mapping impacts and perceptions of flooding in Indonesian Borneo. <i>Environmental Research Letters</i> , 2016, 11, 064016.	2.2	38
155	Lowering of Intraocular Pressure After Phacoemulsification in Primary Open-Angle and Angle-Closure Glaucoma. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016, 5, 79-84.	1.3	25
156	Bayesian methods for comparing species physiological and ecological response curves. <i>Ecological Informatics</i> , 2016, 34, 35-43.	2.3	9
157	Spatio-temporal relative survival of breast and colorectal cancer in Queensland, Australia 2001-2011. <i>Spatial and Spatio-temporal Epidemiology</i> , 2016, 19, 103-114.	0.9	10
158	A Bayesian Network-based customer satisfaction model: a tool for management decisions in railway transport. <i>Decision Analytics</i> , 2016, 3, .	1.4	20
159	Consensus priors for multinomial and binomial ratios. <i>Journal of Statistical Theory and Practice</i> , 2016, 10, 736-754.	0.3	0
160	A flexible parametric approach to examining spatial variation in relative survival. <i>Statistics in Medicine</i> , 2016, 35, 5448-5463.	0.8	12
161	Automated replication of cone beam CT -guided treatments in the Pinnacle 3 treatment planning system for adaptive radiotherapy. <i>Journal of Medical Radiation Sciences</i> , 2016, 63, 48-58.	0.8	1
162	Ultrasound of paediatric appendicitis and its secondary sonographic signs: providing a more meaningful finding. <i>Journal of Medical Radiation Sciences</i> , 2016, 63, 59-66.	0.8	24

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163	Bayesian adaptive design: improving the effectiveness of monitoring of the Great Barrier Reef. <i>Ecological Applications</i> , 2016, 26, 2637-2648.	1.8	15
164	Virtual reality for conservation. , 2016, , .		7
165	On the (virtual) getting of wisdom: Immersive 3D interfaces for eliciting spatial information from experts. <i>Spatial Statistics</i> , 2016, 18, 318-331.	0.9	5
166	Head and neck adaptive radiotherapy: Predicting the time to replan. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2016, 12, 460-467.	0.7	25
167	Symplectic geometry spectrum regression for prediction of noisy time series. <i>Physical Review E</i> , 2016, 93, 052217.	0.8	11
168	Bayesian spatiotemporal modelling for identifying unusual and unstable trends in mammography utilisation. <i>BMJ Open</i> , 2016, 6, e010253.	0.8	4
169	Sonographic diagnosis of acute appendicitis in children: a 3â€­year retrospective. <i>Sonography</i> , 2016, 3, 87-94.	0.4	9
170	Bayesian nonparametric dependent model for partially replicated data: The influence of fuel spills on species diversity. <i>Annals of Applied Statistics</i> , 2016, 10, .	0.5	16
171	Association between location of laser iridotomy and frequency of visual symptoms: a Bayesian learning analysis. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 215-217.	1.3	1
172	Bayesian estimation of the dynamics of pandemic (H1N1) 2009 influenza transmission in Queensland: A spaceâ€­time SIR-based model. <i>Environmental Research</i> , 2016, 146, 308-314.	3.7	20
173	Predicting health programme participation: a gravity-based, hierarchical modelling approach. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2016, 65, 145-166.	0.5	2
174	Utility of Bayesian networks in QMRA-based evaluation of risk reduction options for recycled water. <i>Science of the Total Environment</i> , 2016, 541, 1393-1409.	3.9	37
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