

Confidence Intervals for Random Forests: The Jackknife

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A MACHINE-LEARNING METHOD TO INFER FUNDAMENTAL STELLAR PARAMETERS FROM PHOTOMETRIC LIGHT CURVES. <i>Astrophysical Journal</i> , 2015, 798, 122.	1.6	35
2	Stratified aboveground forest biomass estimation by remote sensing data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2015, 38, 229-241.	1.4	56
3	Aro: a machine learning approach to identifying single molecules and estimating classification error in fluorescence microscopy images. <i>BMC Bioinformatics</i> , 2015, 16, 102.	1.2	18
4	Metabolic Fingerprinting to Assess the Impact of Salinity on Carotenoid Content in Developing Tomato Fruits. <i>International Journal of Molecular Sciences</i> , 2016, 17, 821.	1.8	11
5	Exploratory subgroup analysis in clinical trials by model selection. <i>Biometrical Journal</i> , 2016, 58, 1217-1228.	0.6	20
6	Estimating restricted mean treatment effects with stacked survival models. <i>Statistics in Medicine</i> , 2016, 35, 3319-3332.	0.8	7
7	A random forest guided tour. <i>Test</i> , 2016, 25, 197-227.	0.7	1,703
8	On the use of Harrell's C for clinical risk prediction via random survival forests. <i>Expert Systems With Applications</i> , 2016, 63, 450-459.	4.4	60
9	Mineral resource estimation using weighted jackknife kriging. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	4
10	How would information disclosure influence organizations' outbound spam volume? Evidence from a field experiment. <i>Translational Research in Oral Oncology</i> , 2016, 2, 99-118.	2.3	13
11	Comments on: A random forest guided tour. <i>Test</i> , 2016, 25, 261-263.	0.7	7
12	On the asymptotics of random forests. <i>Journal of Multivariate Analysis</i> , 2016, 146, 72-83.	0.5	38
13	Exposure assessment models for elemental components of particulate matter in an urban environment: A comparison of regression and random forest approaches. <i>Atmospheric Environment</i> , 2017, 151, 1-11.	1.9	175
14	A comparison of resampling and recursive partitioning methods in random forest for estimating the asymptotic variance using the infinitesimal jackknife. <i>Stat</i> , 2017, 6, 360-372.	0.3	2
15	Local two-sample testing: a new tool for analysing high-dimensional astronomical data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 3273-3282.	1.6	5
16	Subgroup Identification in Clinical Trials by Stochastic SIDEScreen Methods. <i>Statistics in Biopharmaceutical Research</i> , 2017, 9, 368-378.	0.6	13
17	Formal Hypothesis Tests for Additive Structure in Random Forests. <i>Journal of Computational and Graphical Statistics</i> , 2017, 26, 589-597.	0.9	18
18	Spatial Downscaling of Alien Species Presences Using Machine Learning. <i>Frontiers in Earth Science</i> , 2017, 5, .	0.8	9

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19	Statistical tests and identifiability conditions for pooling and analyzing multisite datasets. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1481-1486.	3.3	26
20	Baseline map of organic carbon stock in farmland topsoil in East China. Agriculture, Ecosystems and Environment, 2018, 254, 213-223.	2.5	41
21	Random forests of interaction trees for estimating individualized treatment effects in randomized trials. Statistics in Medicine, 2018, 37, 2547-2560.	0.8	29
22	Predicting ionic liquid melting points using machine learning. Journal of Molecular Liquids, 2018, 264, 318-326.	2.3	64
23	Bayesian Regression Trees for High-Dimensional Prediction and Variable Selection. Journal of the American Statistical Association, 2018, 113, 626-636.	1.8	96
24	Bootstrap bias corrections for ensemble methods. Statistics and Computing, 2018, 28, 77-86.	0.8	8
25	Bayesian Additive Regression Trees using Bayesian model averaging. Statistics and Computing, 2018, 28, 869-890.	0.8	49
26	Estimating the Optimal Personalized Treatment Strategy Based on Selected Variables to Prolong Survival via Random Survival Forest with Weighted Bootstrap. Journal of Biopharmaceutical Statistics, 2018, 28, 362-381.	0.4	9
27	Using Machine Learning Methods to Predict Bias in Nuclear Criticality Safety. Journal of Computational and Theoretical Transport, 2018, 47, 552-565.	0.3	13
28	Innovation in rangeland monitoring: annual, 30m, plant functional type percent cover maps for U.S. rangelands, 1984-2017. Ecosphere, 2018, 9, e02430.	1.0	165
29	Quantitative mapping and predictive modeling of Mn nodules' distribution from hydroacoustic and optical AUV data linked by random forests machine learning. Biogeosciences, 2018, 15, 7347-7377.	1.3	37
30	Random forest as a generic framework for predictive modeling of spatial and spatio-temporal variables. PeerJ, 2018, 6, e5518.	0.9	469
31	Frequentist Model Averaging. SpringerBriefs in Statistics, 2018, , 57-97.	0.3	1
32	Confidence in Random Forest for Performance Optimization. Lecture Notes in Computer Science, 2018, , 372-386.	1.0	1
33	Machine learning methods for crop yield prediction and climate change impact assessment in agriculture. Environmental Research Letters, 2018, 13, 114003.	2.2	230
34	Discovery of urinary biomarkers to discriminate between exogenous and semi-endogenous thiouracil in cattle: A parallel-like randomized design. PLoS ONE, 2018, 13, e0195351.	1.1	4
35	Empirical Asset Pricing Via Machine Learning. SSRN Electronic Journal, 2018, , .	0.4	6
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38	Bagged one-to-one matching for efficient and robust treatment effect estimation. <i>Statistics in Medicine</i> , 2018, 37, 4353-4373.	0.8	3
39	Standard errors and confidence intervals for variable importance in random forest regression, classification, and survival. <i>Statistics in Medicine</i> , 2019, 38, 558-582.	0.8	160
40	Recent advances and applications of machine learning in solid-state materials science. <i>Npj Computational Materials</i> , 2019, 5, .	3.5	1,289
41	Reducing correlation of random forest-based learning rank algorithms using subsample size. <i>Computational Intelligence</i> , 2019, 35, 774-798.	2.1	6
42	mCSM-AB2: guiding rational antibody design using graph-based signatures. <i>Bioinformatics</i> , 2020, 36, 1453-1459.	1.8	41
43	Utilizing the density of inventory samples to define a hybrid lattice for species distribution models: DISTRIBUTION for 135 eastern U.S. trees. <i>Ecology and Evolution</i> , 2019, 9, 8876-8899.	0.8	13
44	Accurate and Precise Prediction of Soil Properties from a Large Mid-Infrared Spectral Library. <i>Soil Systems</i> , 2019, 3, 11.	1.0	88
45	A Critical Review of Spatial Predictive Modeling Process in Environmental Sciences with Reproducible Examples in R. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2048.	1.3	15
46	PSICA: Decision trees for probabilistic subgroup identification with categorical treatments. <i>Statistics in Medicine</i> , 2019, 38, 4436-4452.	0.8	4
47	Empirical ways to identify novel Bedaquiline resistance mutations in AtpE. <i>PLoS ONE</i> , 2019, 14, e0217169.	1.1	50
48	A Brief Review of Random Forests for Water Scientists and Practitioners and Their Recent History in Water Resources. <i>Water (Switzerland)</i> , 2019, 11, 910.	1.2	336
49	Building Quantitative Structure-Activity Relationship Models Using Bayesian Additive Regression Trees. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 2642-2655.	2.5	9
50	Machine Learning Prediction of H Adsorption Energies on Ag Alloys. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1357-1365.	2.5	38
51	Active learning in materials science with emphasis on adaptive sampling using uncertainties for targeted design. <i>Npj Computational Materials</i> , 2019, 5, .	3.5	315
52	Jackknife method for the location of gross errors in weighted total least squares. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 1946-1966.	0.6	4
54	Drawing Inferences for High-Dimensional Linear Models: A Selection-Assisted Partial Regression and Smoothing Approach. <i>Biometrics</i> , 2019, 75, 551-561.	0.8	6
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56	Computational prediction and analysis of species-specific fungi phosphorylation via feature optimization strategy. <i>Briefings in Bioinformatics</i> , 2020, 21, 595-608.	3.2	12
57	Random Forest Prediction Intervals. <i>American Statistician</i> , 2020, 74, 392-406.	0.9	46
58	Bootstrap confidence intervals for the optimal cutoff point to bisect estimated probabilities from logistic regression. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1514-1526.	0.7	1
59	Comparing predictions of fisheries bycatch using multiple spatiotemporal species distribution model frameworks. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 146-163.	0.7	36
60	Individualized treatment effects with censored data via fully nonparametric Bayesian accelerated failure time models. <i>Biostatistics</i> , 2020, 21, 50-68.	0.9	40
61	iQSPR in XenonPy: A Bayesian Molecular Design Algorithm. <i>Molecular Informatics</i> , 2020, 39, e1900107.	1.4	20
62	Using Machine Learning to Identify True Somatic Variants from Next-Generation Sequencing. <i>Clinical Chemistry</i> , 2020, 66, 239-246.	1.5	7
63	An empirical comparison of random forest-based and other learning-to-rank algorithms. <i>Pattern Analysis and Applications</i> , 2020, 23, 1133-1155.	3.1	8
64	Machine learning based estimation of land productivity in the contiguous US using biophysical predictors. <i>Environmental Research Letters</i> , 2020, 15, 074013.	2.2	29
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67	Improving Cancer Outreach Effectiveness Through Targeting and Economic Assessments: Insights from a Randomized Field Experiment. <i>Journal of Marketing</i> , 2020, 84, 1-27.	7.0	37
68	Predictive inference with random forests: A new perspective on classical analyses. <i>Research and Politics</i> , 2020, 7, 205316802090548.	0.7	13
69	Evaluation of a New Automated Routine Measurement for Serum Adjusted Ionized Calcium (at pH 7.4) in Patients Suspected of Calcium Metabolic Disease. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 704-715.	0.6	1
70	Role of uncertainty estimation in accelerating materials development via active learning. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	24
71	Benchmarking the acceleration of materials discovery by sequential learning. <i>Chemical Science</i> , 2020, 11, 2696-2706.	3.7	83
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93	Minimal effect of prescribed burning on fire spread rate and intensity in savanna ecosystems. <i>Stochastic Environmental Research and Risk Assessment</i> , 2021, 35, 849-860.	1.9	1
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99	Estimating intracranial pressure using pulsatile cerebral blood flow measured with diffuse correlation spectroscopy. <i>Biomedical Optics Express</i> , 2020, 11, 1462.	1.5	37
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