

Takeshi Emura

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

957
citations

471509

17
h-index

552781

26
g-index

62
all docs

62
docs citations

62
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	A joint frailty-copula model between tumour progression and death for meta-analysis. <i>Statistical Methods in Medical Research</i> , 2017, 26, 2649-2666.	1.5	70
2	compound.Cox: Univariate feature selection and compound covariate for predicting survival. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 168, 21-37.	4.7	67
3	Gene selection for survival data under dependent censoring: A copula-based approach. <i>Statistical Methods in Medical Research</i> , 2016, 25, 2840-2857.	1.5	55
4	Personalized dynamic prediction of death according to tumour progression and high-dimensional genetic factors: Meta-analysis with a joint model. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2842-2858.	1.5	52
5	Analysis of Survival Data with Dependent Censoring. <i>SpringerBriefs in Statistics</i> , 2018, , .	0.4	38
6	Survival Analysis with Correlated Endpoints. <i>SpringerBriefs in Statistics</i> , 2019, , .	0.4	32
7	A copula-based inference to piecewise exponential models under dependent censoring, with application to time to metamorphosis of salamander larvae. <i>Environmental and Ecological Statistics</i> , 2017, 24, 151-173.	3.5	28
8	Comparison of the marginal hazard model and the sub-distribution hazard model for competing risks under an assumed copula. <i>Statistical Methods in Medical Research</i> , 2020, 29, 2307-2327.	1.5	28
9	Reliability Inference for a Copula-Based Series System Life Test Under Multiple Type-I Censoring. <i>IEEE Transactions on Reliability</i> , 2016, 65, 1069-1080.	4.6	27
10	Likelihood-based inference for bivariate latent failure time models with competing risks under the generalized FGM copula. <i>Computational Statistics</i> , 2018, 33, 1293-1323.	1.5	25
11	R routines for performing estimation and statistical process control under copula-based time series models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 3067-3087.	1.2	24
12	Statistical inference based on the nonparametric maximum likelihood estimator under double-truncation. <i>Lifetime Data Analysis</i> , 2015, 21, 397-418.	0.9	23
13	Asymptotic inference for maximum likelihood estimators under the special exponential family with double-truncation. <i>Statistical Papers</i> , 2017, 58, 877-909.	1.2	23
14	Conditional copula models for correlated survival endpoints: Individual patient data meta-analysis of randomized controlled trials. <i>Statistical Methods in Medical Research</i> , 2021, 30, 2634-2650.	1.5	23
15	Multivariate normal distribution approaches for dependently truncated data. <i>Statistical Papers</i> , 2012, 53, 133-149.	1.2	22
16	Maximum likelihood estimation for a special exponential family under random double-truncation. <i>Computational Statistics</i> , 2015, 30, 1199-1229.	1.5	22
17	Parametric likelihood inference and goodness-of-fit for dependently left-truncated data, a copula-based approach. <i>Statistical Papers</i> , 2020, 61, 479-501.	1.2	22
18	Likelihood-based inference for a frailty-copula model based on competing risks failure time data. <i>Quality and Reliability Engineering International</i> , 2020, 36, 1622-1638.	2.3	21

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19	Semiparametric inference for an accelerated failure time model with dependent truncation. <i>Annals of the Institute of Statistical Mathematics</i> , 2016, 68, 1073-1094.	0.8	16
20	Estimation and Model Selection for Left-truncated and Right-censored Lifetime Data with Application to Electric Power Transformers Analysis. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016, 45, 3171-3189.	1.2	16
21	A copula-based Markov chain model for serially dependent event times with a dependent terminal event. <i>Japanese Journal of Statistics and Data Science</i> , 2021, 4, 917-951.	1.2	16
22	Bivariate dependence measures and bivariate competing risks models under the generalized FGM copula. <i>Statistical Papers</i> , 2019, 60, 1101-1118.	1.2	15
23	Model diagnostic procedures for copula-based Markov chain models for statistical process control. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 2345-2367.	1.2	14
24	A Comparison of Normal Approximation Rules for Attribute Control Charts. <i>Quality and Reliability Engineering International</i> , 2015, 31, 411-418.	2.3	13
25	A Bayesian inference for time series via copula-based Markov chain models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020, 49, 2897-2913.	1.2	13
26	Meta-analysis of individual patient data with semi-competing risks under the Weibull joint frailty-copula model. <i>Computational Statistics</i> , 2020, 35, 1525-1552.	1.5	13
27	Dynamic Risk Prediction via a Joint Frailty-Copula Model and IPD Meta-Analysis: Building Web Applications. <i>Entropy</i> , 2022, 24, 589.	2.2	13
28	Estimation of the Mann-Whitney effect in the two-sample problem under dependent censoring. <i>Computational Statistics and Data Analysis</i> , 2020, 150, 106990.	1.2	12
29	Left-truncated and right-censored field failure data: Review of parametric analysis for reliability. <i>Quality and Reliability Engineering International</i> , 2022, 38, 3919-3934.	2.3	12
30	Dynamic lifetime prediction using a Weibull-based bivariate failure time model: a meta-analysis of individual-patient data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2023, 52, 349-368.	1.2	11
31	Copula-Based Estimation Methods for a Common Mean Vector for Bivariate Meta-Analyses. <i>Symmetry</i> , 2022, 14, 186.	2.2	11
32	Estimation of a common mean vector in bivariate meta-analysis under the FGM copula. <i>Statistics</i> , 2019, 53, 673-695.	0.6	10
33	Fitting competing risks data to bivariate Pareto models. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 1193-1220.	1.0	10
34	Bayesian ridge estimators based on copula-based joint prior distributions for regression coefficients. <i>Computational Statistics</i> , 2022, 37, 2741-2769.	1.5	10
35	Likelihood Inference for Copula Models Based on Left-Truncated and Competing Risks Data from Field Studies. <i>Mathematics</i> , 2022, 10, 2163.	2.2	10
36	Profile likelihood approaches for semiparametric copula and frailty models for clustered survival data. <i>Journal of Applied Statistics</i> , 2019, 46, 2553-2571.	1.3	9

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37	On the copula correlation ratio and its generalization. <i>Journal of Multivariate Analysis</i> , 2021, 182, 104708.	1.0	9
38	Likelihood-based analysis of doubly-truncated data under the location-scale and AFT model. <i>Computational Statistics</i> , 2021, 36, 375-408.	1.5	9
39	A Meta-Analysis for Simultaneously Estimating Individual Means with Shrinkage, Isotonic Regression and Pretests. <i>Axioms</i> , 2021, 10, 267.	1.9	9
40	Approximate Tolerance Limits Under Log-Location-Scale Regression Models in the Presence of Censoring. <i>Technometrics</i> , 2010, 52, 313-323.	1.9	8
41	A joint frailty-copula model for meta-analytic validation of failure time surrogate endpoints in clinical trials. <i>Biometrical Journal</i> , 2021, 63, 423-446.	1.0	8
42	Robust ridge M-estimators with pretest and Stein-rule shrinkage for an intercept term. <i>Japanese Journal of Statistics and Data Science</i> , 2021, 4, 107-150.	1.2	8
43	Flexible parametric copula modeling approaches for clustered survival data. <i>Pharmaceutical Statistics</i> , 2022, 21, 69-88.	1.3	8
44	Estimation under copula-based Markov normal mixture models for serially correlated data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, , 1-33.	1.2	7
45	A Bayesian approach with generalized ridge estimation for high-dimensional regression and testing. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 6083-6105.	1.2	6
46	Critical review and comparison of continuity correction methods: The normal approximation to the binomial distribution. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 2266-2285.	1.2	6
47	One-step validation method for surrogate endpoints using data from multiple randomized cancer clinical trials with failure-time endpoints. <i>Statistics in Medicine</i> , 2019, 38, 2928-2942.	1.6	6
48	Robust ridge regression for estimating the effects of correlated gene expressions on phenotypic traits. <i>Environmental and Ecological Statistics</i> , 2020, 27, 41-72.	3.5	6
49	Multivariate failure time distributions derived from shared frailty and copulas. <i>Japanese Journal of Statistics and Data Science</i> , 2021, 4, 1105-1131.	1.2	6
50	Penalized Cox regression with a five-parameter spline model. <i>Communications in Statistics - Theory and Methods</i> , 2021, 50, 3749-3768.	1.0	5
51	A class of general pretest estimators for the univariate normal mean. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 2538-2561.	1.0	5
52	A survival tree based on stabilized score tests for high-dimensional covariates. <i>Journal of Applied Statistics</i> , 2023, 50, 264-290.	1.3	5
53	meta.shrinkage: An R Package for Meta-Analyses for Simultaneously Estimating Individual Means. <i>Algorithms</i> , 2022, 15, 26.	2.1	4
54	A decision theoretic approach to change point estimation for binomial CUSUM control charts. <i>Sequential Analysis</i> , 2016, 35, 238-253.	0.5	3

#	ARTICLE	IF	CITATIONS
55	A modified Liu-type estimator with an intercept term under mixture experiments. Communications in Statistics - Theory and Methods, 2017, 46, 6645-6667.	1.0	3
56	Computational methods for a copula-based Markov chain model with a binomial time series. Communications in Statistics Part B: Simulation and Computation, 0, , 1-18.	1.2	3
57	The Pareto type I joint frailty-copula model for clustered bivariate survival data. Communications in Statistics Part B: Simulation and Computation, 0, , 1-25.	1.2	3
58	Special feature: Recent statistical methods for survival analysis. Japanese Journal of Statistics and Data Science, 2021, 4, 889-894.	1.2	2
59	Change point estimation under a copula-based Markov chain model for binomial time series. Econometrics and Statistics, 2021, , .	0.8	1
60	Copula and Markov Models. SpringerBriefs in Statistics, 2020, , 7-28.	0.4	0