

Narayanaswamy Balakrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

843
papers

21,978
citations

18482

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894
all docs

894
docs citations

894
times ranked

4338
citing authors

#	ARTICLE	IF	CITATIONS
1	Piecewise linear approximations of baseline under proportional hazards based COM-Poisson cure models. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 1135-1160.	1.2	4
2	Accurate approximation of the expected value, standard deviation, and probability density function of extreme order statistics from Gaussian samples. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 869-878.	1.2	0
3	A MCMC-type simple probabilistic approach for determining optimal progressive censoring schemes. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 1758-1767.	1.2	0
4	Exact likelihood inference for Laplace distribution based on generalized hybrid censored samples. Communications in Statistics Part B: Simulation and Computation, 2024, 53, 259-272.	1.2	0
5	Reliability optimization for series and parallel systems with series subsystem and comprising of dependent components under random shock environment. Communications in Statistics - Theory and Methods, 2024, 53, 1188-1211.	1.0	1
6	Ordering properties of the smallest and largest lifetimes in Gompertz-Makeham model. Communications in Statistics - Theory and Methods, 2023, 52, 643-669.	1.0	3
7	Fuzzy fault tree reliability analysis based on improved T-S model with application to NC turret. International Journal of Advanced Manufacturing Technology, 2023, 124, 3837-3846.	3.0	2
8	State space splitting of a finite markov process and some discussions on related counting processes. Communications in Statistics - Theory and Methods, 2023, 52, 4021-4052.	1.0	0
9	An overview of some classical models and discussion of the signature-based models of preventive maintenance. Applied Stochastic Models in Business and Industry, 2023, 39, 4-53.	1.5	11
10	Inference for a gradually deteriorating system with imperfect maintenance. Communications in Statistics Part B: Simulation and Computation, 2023, 52, 5811-5829.	1.2	5
11	HR and RHR orderings of generalized order statistics. Metrika, 2023, 86, 131-148.	0.8	1
12	Equivalency of multi-state survival signatures of multi-state systems of different sizes and its use in the comparison of systems. Probability in the Engineering and Informational Sciences, 2023, 37, 801-817.	0.8	4
13	Maximum likelihood estimation of the parameters of student's Birnbaum-Saunders distribution: a comparative study. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 793-822.	1.2	2
14	Stochastic Comparisons of General Proportional Mean Past Lifetime Frailty Model. Sankhya A, 2022, 84, 844-866.	0.8	2
15	Recurrence relations for moments of order statistics from half logistic-geometric distribution and their applications. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 6537-6555.	1.2	4
16	ORDERINGS OF FINITE MIXTURE MODELS WITH LOCATION-SCALE DISTRIBUTED COMPONENTS. Probability in the Engineering and Informational Sciences, 2022, 36, 461-481.	0.8	4
17	STOCHASTIC ORDERING OF LIFETIMES OF PARALLEL AND SERIES SYSTEMS COMPRISING HETEROGENEOUS DEPENDENT COMPONENTS WITH GENERALIZED BIRNBAUM-SAUNDERS DISTRIBUTIONS. Probability in the Engineering and Informational Sciences, 2022, 36, 49-65.	0.8	2
18	On weighted extropies. Communications in Statistics - Theory and Methods, 2022, 51, 6250-6267.	1.0	15

#	ARTICLE	IF	CITATIONS
19	Mis-specification analysis of the impact of covariates on the diffusion coefficient in Wiener degradation process. Communications in Statistics Part B: Simulation and Computation, 2022, 51, 3204-3222.	1.2	5
20	A useful variance decomposition for destructive Waring regression cure model with an application to HIV data. Communications in Statistics - Theory and Methods, 2022, 51, 6978-6989.	1.0	2
21	Stochastic comparisons of finite mixture models with generalized Lehmann distributed components. Communications in Statistics - Theory and Methods, 2022, 51, 7767-7782.	1.0	3
22	Information generating function for order statistics and mixed reliability systems. Communications in Statistics - Theory and Methods, 2022, 51, 7846-7855.	1.0	2
23	Dispersion and variability orders of mixture exponential distributions and their sample spacings, and some associated characterizations. Communications in Statistics - Theory and Methods, 2022, 51, 8657-8670.	1.0	0
24	On Cumulative Entropies in Terms of Moments of Order Statistics. Methodology and Computing in Applied Probability, 2022, 24, 345-359.	1.2	14
25	SIGNATURES OF MULTI-STATE SYSTEMS BASED ON A SERIES/PARALLEL/RECURRENT STRUCTURE OF MODULES. Probability in the Engineering and Informational Sciences, 2022, 36, 824-850.	0.8	8
26	Equivalency in joint signatures for binary/multi-state systems of different sizes. Probability in the Engineering and Informational Sciences, 2022, 36, 1027-1054.	0.8	7
27	On Dependent Multi-State Semi-Coherent Systems Based on Multi-State Joint Signature. Methodology and Computing in Applied Probability, 2022, 24, 1717-1734.	1.2	8
28	On the Derivative Counting Processes of First- and Second-order Aggregated Semi-Markov Systems. Methodology and Computing in Applied Probability, 2022, 24, 1849-1875.	1.2	1
29	Parsimonious mixture of experts based on mean mixture of multivariate normal distributions. Stat, 2022, 11, e421.	0.4	0
30	Nonparametric estimation of expected shortfall via Bahadur-type representation and Berry bounds. Journal of Statistical Computation and Simulation, 2022, 92, 544-566.	1.2	3
31	On Tsallis extropy with an application to pattern recognition. Statistics and Probability Letters, 2022, 180, 109241.	0.7	20
32	On simultaneous best linear unbiased prediction of future order statistics and associated properties. Journal of Multivariate Analysis, 2022, 188, 104854.	1.0	3
33	A CUMULATIVE RESIDUAL INACCURACY MEASURE FOR COHERENT SYSTEMS AT COMPONENT LEVEL AND UNDER NONHOMOGENEOUS POISSON PROCESSES. Probability in the Engineering and Informational Sciences, 2022, 36, 294-319.	0.8	6
34	Estimation of standard deviations and inverse variance weights from an observed range. Statistics in Medicine, 2022, 41, 242-257.	1.6	6
35	EM-based likelihood inference for one-shot device test data under lognormal lifetimes and the optimal design of a CSALT plan. Quality and Reliability Engineering International, 2022, 38, 780-799.	2.3	7
36	Optimal designs of constant stress accelerated life tests for one-shot devices with model misspecification analysis. Quality and Reliability Engineering International, 2022, 38, 989-1012.	2.3	9

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37	One-shot device test data analysis using non-parametric and semi-parametric inferential methods and applications. Reliability Engineering and System Safety, 2022, 221, 108319.	8.9	2
38	Orderings of extremes from dependent Gaussian variables with Archimedean copula under simple tree order restrictions. Statistics, 2022, 56, 134-146.	0.6	0
39	An exact test for exponentiality against renewal increasing mean residual life class. Statistics, 2022, 56, 164-181.	0.6	1
40	Cumulative Residual q-Fisher Information and Jensen-Cumulative Residual χ^2 Divergence Measures. Entropy, 2022, 24, 341.	2.2	5
41	A unified formulation of entropy and its application. Physica A: Statistical Mechanics and Its Applications, 2022, 596, 127214.	2.6	33
42	A Generalized Measure of Cumulative Residual Entropy. Entropy, 2022, 24, 444.	2.2	4
43	Ordering fail-safe systems having dependent components with Archimedean copula and exponentiated location-scale distributions. Statistics, 2022, 56, 631-661.	0.6	1
44	Reliability of consecutive- k systems with shared components under non-homogeneous Markov dependence. Reliability Engineering and System Safety, 2022, 224, 108549.	8.9	10
45	Matrix Variate Distribution Theory under Elliptical Models: The Non-Central Wishart and Inverted Wishart Distributions. Mathematical Methods of Statistics, 2022, 31, 18-42.	0.6	2
46	Unified approach to optimal estimation of mean and standard deviation from sample summaries. Statistical Methods in Medical Research, 2022, 31, 2087-2103.	1.5	5
47	Comparisons of Multi-State Systems with Binary Components of Different Sizes. Methodology and Computing in Applied Probability, 2021, 23, 1309-1321.	1.2	10
48	Orderings of extremes dependent modified proportional hazard and modified proportional reversed hazard variables under Archimedean copula. Communications in Statistics - Theory and Methods, 2021, 50, 5358-5379.	1.0	5
49	Copula models for one-shot device testing data with correlated failure modes. Communications in Statistics - Theory and Methods, 2021, 50, 3875-3888.	1.0	9
50	A robust class of multivariate fatigue distributions based on normal mean-variance mixture model. Journal of the Korean Statistical Society, 2021, 50, 44-68.	0.4	2
51	Orderings of the Smallest Claim Amounts from Exponentiated Location-Scale Models. Methodology and Computing in Applied Probability, 2021, 23, 971-999.	1.2	8
52	Statistical inference based on left truncated and interval censored data from log-location-scale family of distributions. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 1073-1093.	1.2	7
53	Family of mean-mixtures of multivariate normal distributions: Properties, inference and assessment of multivariate skewness. Journal of Multivariate Analysis, 2021, 181, 104679.	1.0	8
54	Application of RSS design with rank-sum precedence tests for early decision on equality of two distributions. Journal of Statistical Computation and Simulation, 2021, 91, 667-693.	1.2	0

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55	Jensen-information generating function and its connections to some well-known information measures. <i>Statistics and Probability Letters</i> , 2021, 170, 108995.	0.7	16
56	A nonlinear Wiener degradation model integrating degradation data under accelerated stresses and real operating environment. <i>Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability</i> , 2021, 235, 356-373.	0.7	4
57	The joint survival signature of coherent systems with shared components. <i>Reliability Engineering and System Safety</i> , 2021, 207, 107350.	8.9	19
58	Inverse Gaussian process model with frailty term in reliability analysis. <i>Quality and Reliability Engineering International</i> , 2021, 37, 763-784.	2.3	7
59	On the information properties of working used systems using dynamic signature. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 318-341.	1.5	12
60	Statistical inference and a mixture model. , 2021, , 173-197.		0
61	An unified approach. , 2021, , 153-171.		0
62	Efficient likelihood-based inference for the generalized Pareto distribution. <i>Annals of the Institute of Statistical Mathematics</i> , 2021, 73, 1153-1185.	0.8	3
63	Reduced rank regression with matrix projections for high-dimensional multivariate linear regression model. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.7	0
64	Optimal burn-in policy based on a set of cutoff points using mixture inverse Gaussian degradation process and copulas. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 612-627.	1.5	3
65	Lamination scheme of curing degree at multiple levels of temperature with location-scale regression. <i>IEEE Access</i> , 2021, , 1-1.	4.2	0
66	Discrete Versions of Jensen's Fisher, Fisher and Bayes's Fisher Information Measures of Finite Mixture Distributions. <i>Entropy</i> , 2021, 23, 363.	2.2	0
67	Likelihood analysis and stochastic EM algorithm for left truncated right censored data and associated model selection from the Lehmann family of life distributions. <i>Japanese Journal of Statistics and Data Science</i> , 2021, 4, 1019-1048.	1.2	13
68	The generalized linear model-based exponentially weighted moving average and cumulative sum charts for the monitoring of high-quality processes. <i>Applied Stochastic Models in Business and Industry</i> , 2021, 37, 703-724.	1.5	13
69	Comparisons of Parallel Systems with Components Having Proportional Reversed Hazard Rates and Starting Devices. <i>Mathematics</i> , 2021, 9, 856.	2.2	2
70	A Flexible Multivariate Distribution for Correlated Count Data. <i>Stats</i> , 2021, 4, 308-326.	0.9	3
71	A robust Birnbaum's Saunders regression model based on asymmetric heavy-tailed distributions. <i>Metrika</i> , 2021, 84, 1049-1080.	0.8	1
72	Computation of survival signatures for multi-state consecutive-k systems. <i>Reliability Engineering and System Safety</i> , 2021, 208, 107429.	8.9	24

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73	On multivariate selection scale-mixtures of normal distributions. Brazilian Journal of Probability and Statistics, 2021, 35, .	0.4	2
74	On a Family of Discrete Log-Symmetric Distributions. Journal of Statistical Theory and Practice, 2021, 15, 1.	0.5	1
75	Stochastic comparisons of residual lives of series-parallel and parallel-series systems with independent subsystems consisting of dependent components. Stochastic Models, 2021, 37, 589-607.	0.5	2
76	Expressions for joint moments of elliptical distributions. Journal of Computational and Applied Mathematics, 2021, 391, 113418.	2.0	3
77	Reliability estimation for one-shot devices under cyclic accelerated life-testing. Reliability Engineering and System Safety, 2021, 212, 107595.	8.9	12
78	Cumulative Residual and Relative Cumulative Residual Fisher Information and Their Properties. IEEE Transactions on Information Theory, 2021, 67, 6306-6312.	2.4	17
79	Divergence-Based Robust Inference Under Proportional Hazards Model for One-Shot Device Life-Test. IEEE Transactions on Reliability, 2021, 70, 1355-1367.	4.6	7
80	Information Generating Function of Ranked Set Samples. Entropy, 2021, 23, 1381.	2.2	3
81	Inference for One-Shot Devices with Dependent k-Out-of-M Structured Components under Gamma Frailty. Mathematics, 2021, 9, 3032.	2.2	3
82	Robust Statistical Inference for One-Shot Devices Based on Density Power Divergences: An Overview. Contributions To Statistics, 2021, , 3-42.	0.2	3
83	Informational properties of transmuted distributions. Filomat, 2021, 35, 4287-4303.	0.5	0
84	On the consistency of the Pâ€™C estimator in a nonparametric regression model. Statistical Papers, 2020, 61, 899-915.	1.2	7
85	Inference in the Growth Curve Model under Multivariate Skew Normal Distribution. Sankhya B, 2020, 82, 34-69.	0.9	4
86	Bayesian superposition of pure-birth destructive cure processes for tumor latency. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 3240-3253.	1.2	0
87	Multi-criteria-based optimal life-testing plans under hybrid censoring scheme. Test, 2020, 29, 430-453.	1.1	9
88	A Conway Maxwell Poisson type generalization of the negative hypergeometric distribution. Communications in Statistics - Theory and Methods, 2020, 49, 2410-2428.	1.0	3
89	Exact Likelihood-Ratio Tests for a Simple Step-Stress Cumulative Exposure Model with Censored Exponential Data. Methodology and Computing in Applied Probability, 2020, 22, 497-509.	1.2	5
90	Fractional approaches for the distribution of innovation sequence of INAR(1) processes. Communications in Statistics - Theory and Methods, 2020, 49, 2205-2216.	1.0	0

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91	Exact predictive likelihood inference for Laplace distribution based on a time-constrained experiment. Communications in Statistics Part B: Simulation and Computation, 2020, 49, 647-668.	1.2	1
92	Planning step-stress test plans under Type-I hybrid censoring for the log-location-scale distribution. Statistical Methods and Applications, 2020, 29, 265-288.	1.2	2
93	Power series cure rate model for spatially correlated interval-censored data based on generalized extreme value distribution. Journal of Computational and Applied Mathematics, 2020, 364, 112362.	2.0	1
94	Nonparametric optimal designs for degradation tests. Journal of Applied Statistics, 2020, 47, 624-641.	1.3	3
95	Remaining useful life prediction for fractional degradation processes under varying modes. Canadian Journal of Chemical Engineering, 2020, 98, 1351-1364.	1.7	5
96	Robust Inference for One-Shot Device Testing Data Under Weibull Lifetime Model. IEEE Transactions on Reliability, 2020, 69, 937-953.	4.6	17
97	Usual stochastic and reversed hazard orders of parallel systems with independent heterogeneous components. Communications in Statistics - Theory and Methods, 2020, , 1-26.	1.0	2
98	Asymptotic Behavior of Eigenvalues of Variance-Covariance Matrix of a High-Dimensional Heavy-Tailed Lévy Process. Methodology and Computing in Applied Probability, 2020, , 1.	1.2	0
99	Meta-analysis of quantile intervals from different studies with an application to a pulmonary tuberculosis data. Statistics in Medicine, 2020, 39, 4519-4537.	1.6	4
100	A robust multivariate Birnbaum-Saunders regression model. Statistics, 2020, 54, 1094-1123.	0.6	2
101	An Adaptive Bayesian Melding Method for Reliability Evaluation Via Limited Failure Data: An Application to the Servo Turret. Applied Sciences (Switzerland), 2020, 10, 7591.	2.5	1
102	Robust inference for one-shot device testing data under exponential lifetime model with multiple stresses. Quality and Reliability Engineering International, 2020, 36, 1916-1930.	2.3	12
103	Exact likelihood-ratio tests for joint type-II censored exponential data. Statistics, 2020, 54, 636-648.	0.6	7
104	Stochastic comparisons of the smallest and largest claim amounts with location-scale claim severities. Insurance: Mathematics and Economics, 2020, 93, 341-352.	1.2	9
105	Accuracy of Electrocardiography and Agreement with Echocardiography in the Diagnosis of Pediatric Left Atrial Enlargement. Scientific Reports, 2020, 10, 10027.	3.3	7
106	Stochastic comparisons of series and parallel systems with dependent Burr type XII components. Communications in Statistics - Theory and Methods, 2020, , 1-22.	1.0	5
107	Extensions of an identity of Euler. Mathematical Gazette, 2020, 104, 241-246.	0.0	0
108	On a class of non-linear transformation cure rate models. Biometrical Journal, 2020, 62, 1208-1222.	1.0	2

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109	Exact tests for outliers in Laplace samples. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-22.	1.2	1
110	Remaining useful life prediction for multivariable stochastic degradation systems with non-Markovian diffusion processes. Quality and Reliability Engineering International, 2020, 36, 1402-1421.	2.3	9
111	Exponentiated models preserve stochastic orderings of parallel and series systems. Communications in Statistics - Theory and Methods, 2020, 49, 1592-1602.	1.0	4
112	North-east bivariate records. Metrika, 2020, 83, 961-976.	0.8	0
113	On the multi-state signatures of ordered system lifetimes. Advances in Applied Probability, 2020, 52, 291-318.	0.7	13
114	Reliability evaluation of the servo turret with accurate failure data and interval censored data based on EM algorithm. Journal of Mechanical Science and Technology, 2020, 34, 1503-1513.	1.5	9
115	Stochastic comparisons of series and parallel systems with dependent heterogeneous extended exponential components under Archimedean copula. Journal of Computational and Applied Mathematics, 2020, 380, 112965.	2.0	16
116	Assessing the clinical significance of echocardiograms in determining treatment of patent ductus arteriosus in neonates. Journal of Neonatal-Perinatal Medicine, 2020, 13, 345-350.	0.8	1
117	Application of weighted and unordered majorization orders in comparisons of parallel systems with exponentiated generalized gamma components. Brazilian Journal of Probability and Statistics, 2020, 34, .	0.4	2
118	Nonparametric evaluation of the first passage time of degradation processes. Applied Stochastic Models in Business and Industry, 2019, 35, 571-590.	1.5	7
119	Birnbaum-Saunders distribution: A review of models, analysis, and applications. Applied Stochastic Models in Business and Industry, 2019, 35, 4-49.	1.5	77
120	Some simple estimators for the two-parameter gamma distribution. Communications in Statistics Part B: Simulation and Computation, 2019, 48, 2425-2437.	1.2	7
121	Authors' Rejoinder. Applied Stochastic Models in Business and Industry, 2019, 35, 126-132.	1.5	3
122	On the existence and uniqueness of the maximum likelihood estimates of parameters of Laplace Birnbaum-Saunders distribution based on Type-I, Type-II and hybrid censored samples. Metrika, 2019, 82, 759-778.	0.8	5
123	Robust estimators for one-shot device testing data under gamma lifetime model with an application to a tumor toxicological data. Metrika, 2019, 82, 991-1019.	0.8	19
124	Destructive cure rate models under proportional odds and associated likelihood inference. Communications in Statistics Case Studies Data Analysis and Applications, 2019, 5, 138-162.	0.3	1
125	Precedence tests for equality of two distributions based on early failures of ranked set samples. Journal of Statistical Computation and Simulation, 2019, 89, 2328-2353.	1.2	4
126	Robust Estimators and Test Statistics for One-Shot Device Testing Under the Exponential Distribution. IEEE Transactions on Information Theory, 2019, 65, 3080-3096.	2.4	26

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127	Inference on constant stress accelerated life tests for log-location-scale lifetime distributions with type-I hybrid censoring. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 720-749.	1.2	21
128	Bayesian growth curve model useful for high-dimensional longitudinal data. <i>Journal of Applied Statistics</i> , 2019, 46, 814-834.	1.3	5
129	First Passage Time of a Lévy Degradation Model with Random Effects. <i>Methodology and Computing in Applied Probability</i> , 2019, 21, 315-329.	1.2	7
130	On the computation of distributions of linear combinations of Laplace order statistics and their applications. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, 48, 3031-3055.	1.2	2
131	A repair and replacement policy for repairable systems based on probability and mean of profits. <i>Reliability Engineering and System Safety</i> , 2019, 183, 143-152.	8.9	17
132	Mean mixtures of normal distributions: properties, inference and application. <i>Metrika</i> , 2019, 82, 501-528.	0.8	13
133	Package mTEXO for testing the presence of outliers in exponential samples. <i>Computational Statistics</i> , 2019, 34, 803-818.	1.5	2
134	On the performance of coefficient of variation charts in the presence of measurement errors. <i>Quality and Reliability Engineering International</i> , 2019, 35, 329-350.	2.3	26
135	Conditional distributions of multivariate normal mean-variance mixtures. <i>Statistics and Probability Letters</i> , 2019, 145, 312-316.	0.7	5
136	Characterizations of Proportional Hazard and Reversed Hazard Rate Models Based on Symmetric and Asymmetric Kullback-Leibler Divergences. <i>Sankhya B</i> , 2019, 81, 26-38.	0.9	2
137	Estimation and Prediction for an Exponential Form Distribution Based on Combined Type-II Censored Samples. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019, 42, 1535-1553.	0.9	2
138	Comparisons between parallel systems with exponentiated generalized gamma components. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 1316-1332.	1.0	9
139	Expectation-maximization algorithm for system-based lifetime data with unknown system structure. <i>ASTA Advances in Statistical Analysis</i> , 2019, 103, 69-98.	0.9	9
140	Ordering results for series and parallel systems comprising heterogeneous exponentiated Weibull components. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 660-675.	1.0	11
141	COMPARISONS OF SAMPLE RANGES ARISING FROM MULTIPLE-OUTLIER MODELS: IN MEMORY OF MOSHE SHAKED. <i>Probability in the Engineering and Informational Sciences</i> , 2019, 33, 28-49.	0.8	1
142	Maximum likelihood estimation of the parameters of a multiple step-stress model from the Birnbaum-Saunders distribution under time-constraint: A comparative study. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019, 48, 1535-1559.	1.2	7
143	Ordering Results for Order Statistics from Two Heterogeneous Marshall-Olkin Generalized Exponential Distributions. <i>Sankhya B</i> , 2018, 80, 292.	0.9	2
144	A Simple Step-Stress Model for Coherent Systems and Associated Inference Based on System Signatures. <i>Studies in Systems, Decision and Control</i> , 2018, , 431-449.	1.0	0

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145	The generalized Poisson-binomial distribution and the computation of its distribution function. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 1515-1527.	1.2	12
146	Time series with Birnbaum-Saunders marginal distributions. <i>Applied Stochastic Models in Business and Industry</i> , 2018, 34, 562-581.	1.5	9
147	A generally weighted moving average exceedance chart. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 1759-1781.	1.2	15
148	Necessary and sufficient conditions for stochastic orders between $(n \hat{r} + 1)$ -out-of- n systems in proportional hazard (reversed hazard) rates model. <i>Communications in Statistics - Theory and Methods</i> , 2018, 47, 5854-5866.	1.0	4
149	An EM algorithm for the destructive COM-Poisson regression cure rate model. <i>Metrika</i> , 2018, 81, 143-171.	0.8	16
150	A note on the conditional residual lifetime of a coherent system under double monitoring. <i>Communications in Statistics - Theory and Methods</i> , 2018, 47, 2373-2378.	1.0	5
151	Exact Likelihood-Based Point and Interval Estimation for Lifetime Characteristics of Laplace Distribution Based on hybrid Type-I and Type-II Censored Data. <i>Contributions To Statistics</i> , 2018, , 203-239.	0.2	1
152	On the mean residual life of a generalized k -out-of- n system. <i>Communications in Statistics - Theory and Methods</i> , 2018, 47, 2362-2372.	1.0	3
153	Exact inference for Laplace distribution under progressive Type-II censoring based on BLUEs. <i>Metrika</i> , 2018, 81, 211-227.	0.8	2
154	On stochastic comparisons of k -out-of- n systems with Weibull components. <i>Journal of Applied Probability</i> , 2018, 55, 216-232.	0.7	10
155	Reliability modelling and assessment of a heterogeneously repaired system with partially relevant recurrence data. <i>Applied Mathematical Modelling</i> , 2018, 59, 696-712.	4.2	17
156	Likelihood inference based on EM algorithm for the destructive length-biased Poisson cure rate model with Weibull lifetime. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 644-660.	1.2	16
157	Stochastic ordering of minima and maxima from heterogeneous bivariate Birnbaum-Saunders random vectors. <i>Statistics</i> , 2018, 52, 147-155.	0.6	6
158	Ordering the largest claim amounts and ranges from two sets of heterogeneous portfolios. <i>Scandinavian Actuarial Journal</i> , 2018, 2018, 23-41.	1.7	31
159	Expectation Maximization Algorithm for Box-Cox Transformation Cure Rate Model and Assessment of Model Misspecification Under Weibull Lifetimes. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018, 22, 926-934.	6.3	18
160	On the joint signature of several coherent systems with some shared components. <i>European Journal of Operational Research</i> , 2018, 264, 1092-1100.	5.7	22
161	On the distribution-free confidence intervals and universal bounds for quantiles based on joint records. <i>Communications in Statistics - Theory and Methods</i> , 2018, 47, 2969-2978.	1.0	3
162	Ordering properties of the smallest order statistics from generalized Birnbaum-Saunders models with associated random shocks. <i>Metrika</i> , 2018, 81, 19-35.	0.8	16

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163	A weighted Poisson distribution and its application to cure rate models. Communications in Statistics - Theory and Methods, 2018, 47, 4297-4310.	1.0	5
164	Joint records from two exponential populations and associated inference. Computational Statistics, 2018, 33, 549-562.	1.5	3
165	Variance-based importance analysis measure for mission reliability of phased mission system. Journal of Statistical Computation and Simulation, 2018, 88, 841-868.	1.2	0
166	A robust multivariate Birnbaum-Saunders distribution: EM estimation. Statistics, 2018, 52, 321-344.	0.6	6
167	A dynamic system for Gompertz model. Journal of Statistical Computation and Simulation, 2018, 88, 752-768.	1.2	1
168	Discrimination among bivariate beta-generated distributions. Statistics, 2018, 52, 303-320.	0.6	20
169	Some new results on aggregate claim amounts from two heterogeneous Marshall-Olkin extended exponential portfolios. Communications in Statistics - Theory and Methods, 2018, 47, 2779-2794.	1.0	0
170	Underground storage tanks (UST): A closer investigation statistical implications to changing the shape of a UST. Communications in Statistics Part B: Simulation and Computation, 2018, 47, 2612-2623.	1.2	0
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