

Narayanaswamy Balakrishnan

List of Publications by Year in Descending Order

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

853
papers

17,089
citations

58
h-index

101
g-index

894
ext. papers

19,192
ext. citations

1.2
avg, IF

7.34
L-index

| # | Paper | IF | Citations |
|-----|--|-----|-----------|
| 853 | Proportional Odds COM-Poisson Cure Rate Model with Γ Frailty and Associated Inference and Application. <i>Studies in Systems, Decision and Control</i> , 2023 , 255-286 | 0.8 | |
| 852 | One-shot device test data analysis using non-parametric and semi-parametric inferential methods and applications. <i>Reliability Engineering and System Safety</i> , 2022 , 221, 108319 | 6.3 | 1 |
| 851 | On Tsallis entropy with an application to pattern recognition. <i>Statistics and Probability Letters</i> , 2022 , 180, 109241 | 0.6 | 5 |
| 850 | Orderings of extremes from dependent Gaussian variables with Archimedean copula under simple tree order restrictions. <i>Statistics</i> , 2022 , 56, 134-146 | 0.5 | |
| 849 | An exact test for exponentiality against renewal increasing mean residual life class. <i>Statistics</i> , 2022 , 56, 164-181 | 0.5 | |
| 848 | A unified formulation of entropy and its application. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 596, 127214 | 3.3 | 5 |
| 847 | Reliability of consecutive-(k,l)-out-of-n: F systems with shared components under non-homogeneous Markov dependence. <i>Reliability Engineering and System Safety</i> , 2022 , 224, 108549 | 6.3 | 1 |
| 846 | Inference for One-Shot Devices with Dependent k-Out-of-M Structured Components under Gamma Frailty. <i>Mathematics</i> , 2021 , 9, 3032 | 2.3 | 1 |
| 845 | Robust Statistical Inference for One-Shot Devices Based on Density Power Divergences: An Overview. <i>Contributions To Statistics</i> , 2021 , 3-42 | 0.1 | 1 |
| 844 | On simultaneous best linear unbiased prediction of future order statistics and associated properties. <i>Journal of Multivariate Analysis</i> , 2021 , 188, 104854 | 1.4 | 1 |
| 843 | A Record-Based Transmuted Family of Distributions. <i>Emerging Topics in Statistics and Biostatistics</i> , 2021 , 3-24 | 0.2 | 3 |
| 842 | 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 | 1.1 | 3 |
| 841 | Comparisons of Parallel Systems with Components Having Proportional Reversed Hazard Rates and Starting Devices. <i>Mathematics</i> , 2021 , 9, 856 | 2.3 | 1 |
| 840 | A Flexible Multivariate Distribution for Correlated Count Data. <i>Stats</i> , 2021 , 4, 308-326 | 0.9 | 1 |
| 839 | A robust Birnbaum-Saunders regression model based on asymmetric heavy-tailed distributions. <i>Metrika</i> , 2021 , 84, 1049-1080 | 0.8 | |
| 838 | Computation of survival signatures for multi-state consecutive-k systems. <i>Reliability Engineering and System Safety</i> , 2021 , 208, 107429 | 6.3 | 6 |
| 837 | On a Family of Discrete Log-Symmetric Distributions. <i>Journal of Statistical Theory and Practice</i> , 2021 , 15, 1 | 0.5 | 0 |

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| 836 | A robust class of multivariate fatigue distributions based on normal mean-variance mixture model. <i>Journal of the Korean Statistical Society</i> , 2021 , 50, 44-68 | 0.5 | 0 |
| 835 | Orderings of the Smallest Claim Amounts from Exponentiated Location-Scale Models. <i>Methodology and Computing in Applied Probability</i> , 2021 , 23, 971-999 | 0.6 | 5 |
| 834 | Statistical inference based on left truncated and interval censored data from log-location-scale family of distributions. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021 , 50, 1073-1093 | 0.6 | 4 |
| 833 | Family of mean-mixtures of multivariate normal distributions: Properties, inference and assessment of multivariate skewness. <i>Journal of Multivariate Analysis</i> , 2021 , 181, 104679 | 1.4 | 3 |
| 832 | Application of RSS design with rank-sum precedence tests for early decision on equality of two distributions. <i>Journal of Statistical Computation and Simulation</i> , 2021 , 91, 667-693 | 0.9 | |
| 831 | Jensen-information generating function and its connections to some well-known information measures. <i>Statistics and Probability Letters</i> , 2021 , 170, 108995 | 0.6 | 3 |
| 830 | 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 | 0.8 | 4 |
| 829 | The joint survival signature of coherent systems with shared components. <i>Reliability Engineering and System Safety</i> , 2021 , 207, 107350 | 6.3 | 7 |
| 828 | Inverse Gaussian process model with frailty term in reliability analysis. <i>Quality and Reliability Engineering International</i> , 2021 , 37, 763-784 | 2.6 | 1 |
| 827 | On the information properties of working used systems using dynamic signature. <i>Applied Stochastic Models in Business and Industry</i> , 2021 , 37, 318-341 | 1.1 | 2 |
| 826 | Statistical inference and a mixture model 2021 , 173-197 | | |
| 825 | An unified approach 2021 , 153-171 | | |
| 824 | Efficient likelihood-based inference for the generalized Pareto distribution. <i>Annals of the Institute of Statistical Mathematics</i> , 2021 , 73, 1153 | 1 | 1 |
| 823 | 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 | 1.1 | |
| 822 | Lamination Scheme of Curing Degree at Multiple Levels of Temperature With Location-Scale Regression. <i>IEEE Access</i> , 2021 , 1-1 | 3.5 | |
| 821 | 2021 , | | 5 |
| 820 | Expressions for joint moments of elliptical distributions. <i>Journal of Computational and Applied Mathematics</i> , 2021 , 391, 113418 | 2.4 | 2 |
| 819 | Reliability estimation for one-shot devices under cyclic accelerated life-testing. <i>Reliability Engineering and System Safety</i> , 2021 , 212, 107595 | 6.3 | 5 |

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| 818 | Cumulative Residual and Relative Cumulative Residual Fisher Information and Their Properties. <i>IEEE Transactions on Information Theory</i> , 2021 , 67, 6306-6312 | 2.8 | 4 |
| 817 | Divergence-Based Robust Inference Under Proportional Hazards Model for One-Shot Device Life-Test. <i>IEEE Transactions on Reliability</i> , 2021 , 1-13 | 4.6 | 3 |
| 816 | Informational properties of transmuted distributions. <i>Filomat</i> , 2021 , 35, 4287-4303 | 0.7 | |
| 815 | On weighted extropies. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 1-31 | 0.5 | 6 |
| 814 | An Adaptive Bayesian Melding Method for Reliability Evaluation Via Limited Failure Data: An Application to the Servo Turret. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7591 | 2.6 | 0 |
| 813 | Robust inference for one-shot device testing data under exponential lifetime model with multiple stresses. <i>Quality and Reliability Engineering International</i> , 2020 , 36, 1916-1930 | 2.6 | 6 |
| 812 | Exact likelihood-ratio tests for joint type-II censored exponential data. <i>Statistics</i> , 2020 , 54, 636-648 | 0.5 | 4 |
| 811 | Stochastic comparisons of the smallest and largest claim amounts with location-scale claim severities. <i>Insurance: Mathematics and Economics</i> , 2020 , 93, 341-352 | 1.5 | 4 |
| 810 | Accuracy of Electrocardiography and Agreement with Echocardiography in the Diagnosis of Pediatric Left Atrial Enlargement. <i>Scientific Reports</i> , 2020 , 10, 10027 | 4.9 | 3 |
| 809 | Stochastic comparisons of series and parallel systems with dependent Burr type XII components. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 1-22 | 0.5 | 2 |
| 808 | Extensions of an identity of Euler. <i>Mathematical Gazette</i> , 2020 , 104, 241-246 | 0.1 | |
| 807 | On a class of non-linear transformation cure rate models. <i>Biometrical Journal</i> , 2020 , 62, 1208-1222 | 1.5 | 1 |
| 806 | Exact tests for outliers in Laplace samples. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020 , 1-22 | 0.6 | 1 |
| 805 | Remaining useful life prediction for multivariable stochastic degradation systems with non-Markovian diffusion processes. <i>Quality and Reliability Engineering International</i> , 2020 , 36, 1402-1421 | 2.6 | 5 |
| 804 | Orderings of extremes dependent modified proportional hazard and modified proportional reversed hazard variables under Archimedean copula. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 1-22 | 0.5 | 3 |
| 803 | Copula models for one-shot device testing data with correlated failure modes. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 1-14 | 0.5 | 5 |
| 802 | Mis-specification analysis of the impact of covariates on the diffusion coefficient in Wiener degradation process. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020 , 1-19 | 0.6 | 3 |
| 801 | Exponentiated models preserve stochastic orderings of parallel and series systems. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 49, 1592-1602 | 0.5 | 2 |

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|-----|---|-----|----|
| 800 | North-east bivariate records. <i>Metrika</i> , 2020 , 83, 961-976 | 0.8 | |
| 799 | On the multi-state signatures of ordered system lifetimes. <i>Advances in Applied Probability</i> , 2020 , 52, 291-318 | 0.7 | 7 |
| 798 | Application of weighted and unordered majorization orders in comparisons of parallel systems with exponentiated generalized gamma components. <i>Brazilian Journal of Probability and Statistics</i> , 2020 , 34, | 0.9 | 1 |
| 797 | Assessing the clinical significance of echocardiograms in determining treatment of patent ductus arteriosus in neonates. <i>Journal of Neonatal-Perinatal Medicine</i> , 2020 , 13, 345-350 | 1.3 | 0 |
| 796 | Stochastic comparisons of series and parallel systems with dependent heterogeneous extended exponential components under Archimedean copula. <i>Journal of Computational and Applied Mathematics</i> , 2020 , 380, 112965 | 2.4 | 7 |
| 795 | Remaining useful life prediction for fractional degradation processes under varying modes. <i>Canadian Journal of Chemical Engineering</i> , 2020 , 98, 1351-1364 | 2.3 | 2 |
| 794 | Robust Inference for One-Shot Device Testing Data Under Weibull Lifetime Model. <i>IEEE Transactions on Reliability</i> , 2020 , 69, 937-953 | 4.6 | 10 |
| 793 | Stochastic Comparisons of General Proportional Mean Past Lifetime Frailty Model. <i>Sankhya A</i> , 2020 , 1 | 0.6 | 1 |
| 792 | Usual stochastic and reversed hazard orders of parallel systems with independent heterogeneous components. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 1-26 | 0.5 | 1 |
| 791 | Recurrence relations for moments of order statistics from half logistic-geometric distribution and their applications. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020 , 1-19 | 0.6 | 3 |
| 790 | Asymptotic Behavior of Eigenvalues of Variance-Covariance Matrix of a High-Dimensional Heavy-Tailed Lévy Process. <i>Methodology and Computing in Applied Probability</i> , 2020 , 1 | 0.6 | |
| 789 | ORDERINGS OF FINITE MIXTURE MODELS WITH LOCATION-SCALE DISTRIBUTED COMPONENTS. <i>Probability in the Engineering and Informational Sciences</i> , 2020 , 1-21 | 0.6 | 1 |
| 788 | STOCHASTIC ORDERING OF LIFETIMES OF PARALLEL AND SERIES SYSTEMS COMPRISING HETEROGENEOUS DEPENDENT COMPONENTS WITH GENERALIZED BIRNBAUM-SAUNDERS DISTRIBUTIONS. <i>Probability in the Engineering and Informational Sciences</i> , 2020 , 1-17 | 0.6 | 1 |
| 787 | Comparisons of Multi-State Systems with Binary Components of Different Sizes. <i>Methodology and Computing in Applied Probability</i> , 2020 , 1 | 0.6 | 5 |
| 786 | Meta-analysis of quantile intervals from different studies with an application to a pulmonary tuberculosis data. <i>Statistics in Medicine</i> , 2020 , 39, 4519-4537 | 2.3 | 2 |
| 785 | A robust multivariate Birnbaum-Saunders regression model. <i>Statistics</i> , 2020 , 54, 1094-1123 | 0.5 | 1 |
| 784 | On the consistency of the Pó estimator in a nonparametric regression model. <i>Statistical Papers</i> , 2020 , 61, 899-915 | 1 | 3 |
| 783 | Inference in the Growth Curve Model under Multivariate Skew Normal Distribution. <i>Sankhya B</i> , 2020 , 82, 34-69 | 0.4 | 3 |

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|-----|--|-----|----|
| 782 | Bayesian superposition of pure-birth destructive cure processes for tumor latency. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020 , 49, 3240-3253 | 0.6 | |
| 781 | Multi-criteria-based optimal life-testing plans under hybrid censoring scheme. <i>Test</i> , 2020 , 29, 430-453 | 1.1 | 7 |
| 780 | A Conway Maxwell Poisson type generalization of the negative hypergeometric distribution. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 49, 2410-2428 | 0.5 | 3 |
| 779 | Exact Likelihood-Ratio Tests for a Simple Step-Stress Cumulative Exposure Model with Censored Exponential Data. <i>Methodology and Computing in Applied Probability</i> , 2020 , 22, 497-509 | 0.6 | 4 |
| 778 | Fractional approaches for the distribution of innovation sequence of INAR(1) processes. <i>Communications in Statistics - Theory and Methods</i> , 2020 , 49, 2205-2216 | 0.5 | |
| 777 | Exact predictive likelihood inference for Laplace distribution based on a time-constrained experiment. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020 , 49, 647-668 | 0.6 | 1 |
| 776 | Planning step-stress test plans under Type-I hybrid censoring for the log-location-scale distribution. <i>Statistical Methods and Applications</i> , 2020 , 29, 265-288 | 0.8 | 1 |
| 775 | Power series cure rate model for spatially correlated interval-censored data based on generalized extreme value distribution. <i>Journal of Computational and Applied Mathematics</i> , 2020 , 364, 112362 | 2.4 | 1 |
| 774 | Nonparametric optimal designs for degradation tests. <i>Journal of Applied Statistics</i> , 2020 , 47, 624-641 | 1 | 1 |
| 773 | Reliability evaluation of the servo turret with accurate failure data and interval censored data based on EM algorithm. <i>Journal of Mechanical Science and Technology</i> , 2020 , 34, 1503-1513 | 1.6 | 3 |
| 772 | Maximum likelihood estimation of the parameters of student's t Birnbaum-Saunders distribution: a comparative study. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019 , 1-30 | 0.6 | 2 |
| 771 | Authors' Rejoinder. <i>Applied Stochastic Models in Business and Industry</i> , 2019 , 35, 126-132 | 1.1 | 3 |
| 770 | 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. <i>Metrika</i> , 2019 , 82, 759-778 | 0.8 | 3 |
| 769 | Robust estimators for one-shot device testing data under gamma lifetime model with an application to a tumor toxicological data. <i>Metrika</i> , 2019 , 82, 991-1019 | 0.8 | 12 |
| 768 | Destructive cure rate models under proportional odds and associated likelihood inference. <i>Communications in Statistics Case Studies Data Analysis and Applications</i> , 2019 , 5, 138-162 | 0.3 | 1 |
| 767 | Precedence tests for equality of two distributions based on early failures of ranked set samples. <i>Journal of Statistical Computation and Simulation</i> , 2019 , 89, 2328-2353 | 0.9 | 3 |
| 766 | Robust Estimators and Test Statistics for One-Shot Device Testing Under the Exponential Distribution. <i>IEEE Transactions on Information Theory</i> , 2019 , 65, 3080-3096 | 2.8 | 19 |
| 765 | 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 | 0.9 | 14 |

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|-----|--|-----|----|
| 764 | Nonparametric evaluation of the first passage time of degradation processes. <i>Applied Stochastic Models in Business and Industry</i> , 2019 , 35, 571-590 | 1.1 | 5 |
| 763 | Birnbaum-Saunders distribution: A review of models, analysis, and applications. <i>Applied Stochastic Models in Business and Industry</i> , 2019 , 35, 4-49 | 1.1 | 56 |
| 762 | Some simple estimators for the two-parameter gamma distribution. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2019 , 48, 2425-2437 | 0.6 | 3 |
| 761 | Bayesian growth curve model useful for high-dimensional longitudinal data. <i>Journal of Applied Statistics</i> , 2019 , 46, 814-834 | 1 | 4 |
| 760 | First Passage Time of a Levy Degradation Model with Random Effects. <i>Methodology and Computing in Applied Probability</i> , 2019 , 21, 315-329 | 0.6 | 6 |
| 759 | 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 | 0.6 | 2 |
| 758 | 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 | 6.3 | 12 |
| 757 | Mean mixtures of normal distributions: properties, inference and application. <i>Metrika</i> , 2019 , 82, 501-528 | 0.8 | 10 |
| 756 | Package mTEXO for testing the presence of outliers in exponential samples. <i>Computational Statistics</i> , 2019 , 34, 803-818 | 1 | 2 |
| 755 | 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 | 2.6 | 19 |
| 754 | Conditional distributions of multivariate normal mean-variance mixtures. <i>Statistics and Probability Letters</i> , 2019 , 145, 312-316 | 0.6 | 2 |
| 753 | 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 | 0.4 | 1 |
| 752 | 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 | 1.2 | 2 |
| 751 | Comparisons between parallel systems with exponentiated generalized gamma components. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 1316-1332 | 0.5 | 4 |
| 750 | Expectation maximization algorithm for system-based lifetime data with unknown system structure. <i>ASTA Advances in Statistical Analysis</i> , 2019 , 103, 69-98 | 1 | 6 |
| 749 | Ordering results for series and parallel systems comprising heterogeneous exponentiated Weibull components. <i>Communications in Statistics - Theory and Methods</i> , 2019 , 48, 660-675 | 0.5 | 9 |
| 748 | 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 | 0.6 | |
| 747 | 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 | 0.6 | 4 |

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|-----|---|-----|----|
| 746 | 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 | 0.8 | |
| 745 | The generalized Poisson-binomial distribution and the computation of its distribution function. <i>Journal of Statistical Computation and Simulation</i> , 2018 , 88, 1515-1527 | 0.9 | 3 |
| 744 | Time series with Birnbaum-Saunders marginal distributions. <i>Applied Stochastic Models in Business and Industry</i> , 2018 , 34, 562-581 | 1.1 | 8 |
| 743 | A generally weighted moving average exceedance chart. <i>Journal of Statistical Computation and Simulation</i> , 2018 , 88, 1759-1781 | 0.9 | 11 |
| 742 | Necessary and sufficient conditions for stochastic orders between $(n \bar{r} + 1)$ -out-of- n systems in proportional hazard (reversed hazard) rates model. <i>Communications in Statistics - Theory and Methods</i> , 2018 , 47, 5854-5866 | 0.5 | 3 |
| 741 | An EM algorithm for the destructive COM-Poisson regression cure rate model. <i>Metrika</i> , 2018 , 81, 143-170 | 0.8 | 7 |
| 740 | 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 | 0.5 | 5 |
| 739 | 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 | 0.1 | 1 |
| 738 | 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 | 0.5 | 2 |
| 737 | Exact inference for Laplace distribution under progressive Type-II censoring based on BLUEs. <i>Metrika</i> , 2018 , 81, 211-227 | 0.8 | 2 |
| 736 | On stochastic comparisons of k-out-of-n systems with Weibull components. <i>Journal of Applied Probability</i> , 2018 , 55, 216-232 | 0.8 | 8 |
| 735 | Reliability modelling and assessment of a heterogeneously repaired system with partially relevant recurrence data. <i>Applied Mathematical Modelling</i> , 2018 , 59, 696-712 | 4.5 | 14 |
| 734 | 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 | 0.6 | 11 |
| 733 | Stochastic ordering of minima and maxima from heterogeneous bivariate Birnbaum-Saunders random vectors. <i>Statistics</i> , 2018 , 52, 147-155 | 0.5 | 6 |
| 732 | Ordering the largest claim amounts and ranges from two sets of heterogeneous portfolios. <i>Scandinavian Actuarial Journal</i> , 2018 , 2018, 23-41 | 1 | 21 |
| 731 | 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 | 7.2 | 8 |
| 730 | On the joint signature of several coherent systems with some shared components. <i>European Journal of Operational Research</i> , 2018 , 264, 1092-1100 | 5.6 | 16 |
| 729 | 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 | 0.5 | 1 |

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|-----|--|-----|----|
| 728 | Ordering properties of the smallest order statistics from generalized Birnbaum-Baunders models with associated random shocks. <i>Metrika</i> , 2018 , 81, 19-35 | 0.8 | 14 |
| 727 | A weighted Poisson distribution and its application to cure rate models. <i>Communications in Statistics - Theory and Methods</i> , 2018 , 47, 4297-4310 | 0.5 | 3 |
| 726 | Joint records from two exponential populations and associated inference. <i>Computational Statistics</i> , 2018 , 33, 549-562 | 1 | 3 |
| 725 | A Note on the Prediction of Censored Exponential Lifetimes in a Simple Step-stress Model with Type-II Censoring. <i>Calcutta Statistical Association Bulletin</i> , 2018 , 70, 57-73 | 0.1 | 3 |
| 724 | Stochastic comparisons of coherent systems under different random environments. <i>Journal of Applied Probability</i> , 2018 , 55, 459-472 | 0.8 | 6 |
| 723 | Preface: Special Issue in Memory of Moshe Shaked. <i>Methodology and Computing in Applied Probability</i> , 2018 , 20, 811-815 | 0.6 | |
| 722 | Orthogonal polynomials in the cumulative Ord family and its application to variance bounds. <i>Statistics</i> , 2018 , 52, 364-392 | 0.5 | 3 |
| 721 | Variance-based importance analysis measure for mission reliability of phased mission system. <i>Journal of Statistical Computation and Simulation</i> , 2018 , 88, 841-868 | 0.9 | |
| 720 | A robust multivariate Birnbaum-Baunders distribution: EM estimation. <i>Statistics</i> , 2018 , 52, 321-344 | 0.5 | 5 |
| 719 | A dynamic system for Gompertz model. <i>Journal of Statistical Computation and Simulation</i> , 2018 , 88, 752-768 | | 1 |
| 718 | Discrimination among bivariate beta-generated distributions. <i>Statistics</i> , 2018 , 52, 303-320 | 0.5 | 17 |
| 717 | Some new results on aggregate claim amounts from two heterogeneous Marshall-Olkin extended exponential portfolios. <i>Communications in Statistics - Theory and Methods</i> , 2018 , 47, 2779-2794 | 0.5 | |
| 716 | Underground storage tanks (UST): A closer investigation statistical implications to changing the shape of a UST. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018 , 47, 2612-2623 | 0.6 | |
| 715 | Univariate and multivariate stochastic orderings of residual lifetimes of live components in sequential $(r+1)$ -out-of- r systems. <i>Journal of Applied Probability</i> , 2018 , 55, 834-844 | 0.8 | 1 |
| 714 | Ordering Results for Aggregate Claim Amounts from Two Heterogeneous Marshall-Olkin Extended Exponential Portfolios and Their Applications in Insurance Analysis. <i>Theory of Probability and Its Applications</i> , 2018 , 62, 117-131 | 0.5 | |
| 713 | Reliability Theory 2018 , 1-42 | | 2 |
| 712 | Basic Reliability Concepts 2018 , 43-106 | | 1 |
| 711 | Ordering of series and parallel systems comprising heterogeneous generalized modified Weibull components. <i>Applied Stochastic Models in Business and Industry</i> , 2018 , 34, 816-834 | 1.1 | 12 |

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|-----|--|-----|----|
| 710 | Recurrence relations for single and product moments of progressively Type-II censored order statistics from generalized logistic distribution with applications to inference. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 4559-4577 | 0.6 | 3 |
| 709 | Ordering properties of the smallest and largest claim amounts in a general scale model. <i>Scandinavian Actuarial Journal</i> , 2017 , 2017, 105-124 | 1 | 25 |
| 708 | Conditional residual lifetimes of coherent systems under double monitoring. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 3401-3410 | 0.5 | 4 |
| 707 | Likelihood inference for the destructive exponentially weighted Poisson cure rate model with Weibull lifetime and an application to melanoma data. <i>Computational Statistics</i> , 2017 , 32, 429-449 | 1 | 12 |
| 706 | Inference for Type II bivariate Piyapli distribution. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 5981-5990 | 0.6 | 2 |
| 705 | Stochastic properties and parameter estimation for a general load-sharing system. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 747-760 | 0.5 | 4 |
| 704 | Bayesian prediction of order statistics with fixed and random sample sizes based on k-record values from Pareto distribution. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 721-735 | 0.5 | 5 |
| 703 | Multivariate Bayesian U-type asymmetric designs for non parametric response surface prediction under correlated errors. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 4226-4239 | 0.5 | |
| 702 | Exact nonparametric conditional inference based on k-records, given inter-k-record times. <i>Journal of the Korean Statistical Society</i> , 2017 , 46, 308-320 | 0.5 | 1 |
| 701 | Mixture representation for the residual lifetime of a repairable system. <i>Applied Stochastic Models in Business and Industry</i> , 2017 , 33, 382 | 1.1 | 1 |
| 700 | Empirical phi-divergence test statistics for the difference of means of two populations. <i>ASTA Advances in Statistical Analysis</i> , 2017 , 101, 199-226 | 1 | 2 |
| 699 | Stochastic quantile-filling augmentation algorithm to censored and accurate reliability data. <i>Computers and Industrial Engineering</i> , 2017 , 108, 27-38 | 6.4 | 2 |
| 698 | Idk-type tests for the two-sample problem based on precedence and exceedance statistics. <i>Statistics</i> , 2017 , 51, 247-264 | 0.5 | 1 |
| 697 | Likelihood inference for Type I bivariate Piyapli distribution. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 6436-6453 | 0.6 | 2 |
| 696 | Proportional hazards under Conway-Maxwell-Poisson cure rate model and associated inference. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 2055-2077 | 2.3 | 9 |
| 695 | Model Mis-Specification Analyses of Weibull and Gamma Models Based on One-Shot Device Test Data. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 641-650 | 4.6 | 13 |
| 694 | On a new class of skewed Birnbaum-Baunders models. <i>Journal of Statistical Theory and Practice</i> , 2017 , 11, 573-593 | 0.5 | 2 |
| 693 | On the hidden truncated bivariate Pareto (IV) model and associated inferential issues. <i>Journal of Statistical Computation and Simulation</i> , 2017 , 87, 1467-1487 | 0.9 | 4 |

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| 692 | Estimation in generalized bivariate Birnbaum-Baunders models. <i>Metrika</i> , 2017 , 80, 427-453 | 0.8 | 2 |
| 691 | On moment-type estimators for a class of log-symmetric distributions. <i>Computational Statistics</i> , 2017 , 32, 1339-1355 | 1 | 5 |
| 690 | A generally weighted moving average chart for time between events. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017 , 46, 7790-7817 | 0.6 | 22 |
| 689 | A Survey of Modeling and Application of Non-destructive and Destructive Degradation Tests. <i>ICSA Book Series in Statistics</i> , 2017 , 105-124 | 0.3 | |
| 688 | Gamma Degradation Models: Inference and Optimal Design. <i>ICSA Book Series in Statistics</i> , 2017 , 171-191 | 0.3 | 4 |
| 687 | Ordering Results for Order Statistics from Two Heterogeneous Marshall-Olkin Generalized Exponential Distributions. <i>Sankhya B</i> , 2017 , 80, 292 | 0.4 | 1 |
| 686 | Exact Likelihood-Based Point and Interval Estimation for Lifetime Characteristics of Laplace Distribution Based on a Time-Constrained Life-Testing Experiment 2017 , 327-372 | | 3 |
| 685 | Cure rate modelling. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 1999 | 2.3 | |
| 684 | Nonparametric confidence intervals for ranked set samples. <i>Computational Statistics</i> , 2017 , 32, 1689-1725 | | 3 |
| 683 | Likelihood inference for COM-Poisson cure rate model with interval-censored data and Weibull lifetimes. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 2093-2113 | 2.3 | 5 |
| 682 | Cubic rank transmuted distributions: inferential issues and applications. <i>Journal of Statistical Computation and Simulation</i> , 2017 , 87, 2760-2778 | 0.9 | 21 |
| 681 | Symmetry of a distribution via symmetry of order statistics. <i>Statistics and Probability Letters</i> , 2017 , 129, 367-372 | 0.6 | 5 |
| 680 | High dimensional extension of the growth curve model and its application in genetics. <i>Statistical Methods and Applications</i> , 2017 , 26, 273-292 | 0.8 | 4 |
| 679 | Two-Phase Degradation Process Model With Abrupt Jump at Change Point Governed by Wiener Process. <i>IEEE Transactions on Reliability</i> , 2017 , 66, 1345-1360 | 4.6 | 39 |
| 678 | Bayesian cure rate models induced by frailty in survival analysis. <i>Statistical Methods in Medical Research</i> , 2017 , 26, 2011-2028 | 2.3 | 11 |
| 677 | Orderings for series and parallel systems comprising heterogeneous exponentiated Weibull-geometric components. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 9869-9880 | 0.5 | 6 |
| 676 | On the identifiability of start-up demonstration mixture models. <i>Annals of the Institute of Statistical Mathematics</i> , 2017 , 69, 717-735 | 1 | 1 |
| 675 | An EM type estimation procedure for the destructive exponentially weighted Poisson regression cure model under generalized gamma lifetime. <i>Journal of Statistical Computation and Simulation</i> , 2017 , 87, 1107-1129 | 0.9 | 5 |

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| 673 | On the Performance of Shewhart median Chart in the Presence of Measurement Errors. <i>Quality and Reliability Engineering International</i> , 2017 , 33, 1019-1029 | 2.6 | 31 |
| 672 | Bayesian inference for sinh-normal/independent nonlinear regression models. <i>Journal of Applied Statistics</i> , 2017 , 44, 2052-2074 | 1 | 3 |
| 671 | Order statistics and their concomitants from multivariate normal mean-variance mixture distributions with application to Swiss Markets Data. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 10991-11009 | 0.5 | 3 |
| 670 | Prediction of censored exponential lifetimes in a simple step-stress model under progressive Type II censoring. <i>Computational Statistics</i> , 2017 , 32, 1665-1687 | 1 | 12 |
| 669 | On joint weak reversed hazard rate order under symmetric copulas. <i>Mathematical Methods of Statistics</i> , 2017 , 26, 311-318 | 0.3 | 3 |
| 668 | Multivariate families of gamma-generated distributions with finite or infinite support above or below the diagonal. <i>Journal of Multivariate Analysis</i> , 2016 , 143, 194-207 | 1.4 | 19 |
| 667 | Existence, uniqueness and consistency of estimation of life characteristics of three-parameter Weibull distribution based on Type-II right censored data. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 1248-1279 | 0.9 | 1 |
| 666 | Tests of goodness of fit based on Phi-divergence. <i>Journal of Applied Statistics</i> , 2016 , 43, 412-429 | 1 | 9 |
| 665 | Linear estimation for the extended exponential power distribution. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 1392-1403 | 0.9 | 2 |
| 664 | Likelihood ratio order of the second spacing in multiple-outlier exponential models. <i>Statistics</i> , 2016 , 50, 206-218 | 0.5 | |
| 663 | Exact likelihood-based point and interval estimation for Laplace distribution based on Type-II right censored samples. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 29-54 | 0.9 | 13 |
| 662 | Representations of the inactivity time for coherent systems with heterogeneous components and some ordered properties. <i>Metrika</i> , 2016 , 79, 113-126 | 0.8 | 4 |
| 661 | Comparisons between largest order statistics from multiple-outlier models. <i>Statistics</i> , 2016 , 50, 176-189 | 0.5 | 19 |
| 660 | Generalized projection discrepancy and its applications in experimental designs. <i>Metrika</i> , 2016 , 79, 19-35 | 0.8 | 2 |
| 659 | Mis-specification Analyses of Nonlinear Wiener Process-based Degradation Models. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016 , 45, 814-832 | 0.6 | 14 |
| 658 | Expectation maximization-based likelihood inference for flexible cure rate models with Weibull lifetimes. <i>Statistical Methods in Medical Research</i> , 2016 , 25, 1535-63 | 2.3 | 39 |
| 657 | A cure rate survival model under a hybrid latent activation scheme. <i>Statistical Methods in Medical Research</i> , 2016 , 25, 838-56 | 2.3 | 3 |

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| 656 | Single change-point detection methods for small lifetime samples. <i>Metrika</i> , 2016 , 79, 531-551 | 0.8 | 1 |
| 655 | Stochastic ordering of medians in exchangeable trivariate normal vectors. <i>Applied Mathematics</i> , 2016 , 31, 148-156 | 0.7 | 1 |
| 654 | Piecewise Linear Approximations for Cure Rate Models and Associated Inferential Issues. <i>Methodology and Computing in Applied Probability</i> , 2016 , 18, 937-966 | 0.6 | 20 |
| 653 | Relaxed Poisson cure rate models. <i>Biometrical Journal</i> , 2016 , 58, 397-415 | 1.5 | 6 |
| 652 | Residual Life Estimation Based on a Generalized Wiener Process with Skew-normal Random Effects. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016 , 45, 2158-2181 | 0.6 | 6 |
| 651 | On Box-Muller Transformation and Simulation of Normal Record Data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016 , 45, 3670-3682 | 0.6 | 11 |
| 650 | Exact Nonparametric Inference for Component and System Lifetime Distributions Based on Joint Signatures. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 179-186 | 4.6 | 4 |
| 649 | Likelihood ratio order of parallel systems with heterogeneous Weibull components. <i>Metrika</i> , 2016 , 79, 693-703 | 0.8 | 7 |
| 648 | A stochastic expectation-maximization algorithm for the analysis of system lifetime data with known signature. <i>Computational Statistics</i> , 2016 , 31, 609-641 | 1 | 15 |
| 647 | Likelihood ratio and dispersive orders for smallest order statistics and smallest claim amounts from heterogeneous Weibull sample. <i>Statistics and Probability Letters</i> , 2016 , 110, 1-7 | 0.6 | 15 |
| 646 | Multivariate stochastic comparisons of multivariate mixture models and their applications. <i>Journal of Multivariate Analysis</i> , 2016 , 145, 37-43 | 1.4 | 10 |
| 645 | Stochastic comparisons of series and parallel systems with independent heterogeneous lower-truncated Weibull components. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 540-557 | 0.5 | 7 |
| 644 | A Bayesian Approach for One-Shot Device Testing With Exponential Lifetimes Under Competing Risks. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 469-485 | 4.6 | 8 |
| 643 | Optimal sample size allocation for multi-level stress testing with exponential regression under type-I censoring. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 1831-1852 | 0.5 | 8 |
| 642 | Ordering results for the smallest and largest order statistics from independent heterogeneous exponential-Weibull random variables. <i>Statistics</i> , 2016 , 50, 1195-1205 | 0.5 | 13 |
| 641 | Stochastic comparisons of parallel and series systems with heterogeneous Birnbaum-Baunders components. <i>Statistics and Probability Letters</i> , 2016 , 112, 131-136 | 0.6 | 8 |
| 640 | Autopsy Data Analysis for a Series System With Active Redundancy Under a Load-Sharing Model. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 957-968 | 4.6 | 4 |
| 639 | Exact Inference for Laplace Quantile, Reliability, and Cumulative Hazard Functions Based on Type-II Censored Data. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 164-178 | 4.6 | 15 |

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| 638 | A bivariate Birnbaum-Baunders regression model. <i>Computational Statistics and Data Analysis</i> , 2016 , 97, 169-183 | 1.6 | 8 |
| 637 | Mean-shift outliers model in skew scale-mixtures of normal distributions. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 2346-2361 | 0.9 | 0 |
| 636 | Pitman comparisons of predictors of censored observations from progressively censored samples for exponential distribution. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 1539-1558 | 0.9 | 2 |
| 635 | Constrained test in linear models with multivariate power exponential distribution. <i>Computational Statistics</i> , 2016 , 31, 1569-1592 | 1 | 1 |
| 634 | A consistent method of estimation for the three-parameter lognormal distribution based on Type-II right censored data. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 5693-5708 | 0.5 | 1 |
| 633 | Exact Nonparametric Meta-Analysis of Lifetime Data From Systems With Known Signatures. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 796-801 | 4.6 | 2 |
| 632 | EM Algorithm for One-Shot Device Testing With Competing Risks Under Weibull Distribution. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 973-991 | 4.6 | 18 |
| 631 | A parametric test for trend based on moving order statistics. <i>Journal of Statistical Computation and Simulation</i> , 2016 , 86, 641-655 | 0.9 | 1 |
| 630 | Likelihood Inference Under Proportional Hazards Model for One-Shot Device Testing. <i>IEEE Transactions on Reliability</i> , 2016 , 65, 446-458 | 4.6 | 10 |
| 629 | Constant-Stress Accelerated Life-Test Models and Data Analysis for One-Shot Devices. <i>Springer Series in Reliability Engineering</i> , 2016 , 77-108 | 0.2 | 2 |
| 628 | A Generally Weighted Moving Average Signed-rank Control Chart. <i>Quality and Reliability Engineering International</i> , 2016 , 32, 2835-2845 | 2.6 | 31 |
| 627 | Sign test based on k-tuple general ranked set samples. <i>Communications in Statistics - Theory and Methods</i> , 2016 , 45, 3874-3883 | 0.5 | |
| 626 | Matrix-variate distribution theory under elliptical models-4: Joint distribution of latent roots of covariance matrix and the largest and smallest latent roots. <i>Journal of Multivariate Analysis</i> , 2016 , 145, 224-235 | 1.4 | 2 |
| 625 | Flexible M/G/1 queueing system with state dependent service rate. <i>Operations Research Letters</i> , 2016 , 44, 383-389 | 1 | 3 |
| 624 | Destructive negative binomial cure rate model and EM-based likelihood inference under Weibull lifetime. <i>Statistics and Probability Letters</i> , 2016 , 116, 9-20 | 0.6 | 10 |
| 623 | The Bayesian restricted Conway-Maxwell-Binomial model to control dispersion in count data. <i>Statistics and Probability Letters</i> , 2016 , 119, 281-288 | 0.6 | 1 |
| 622 | On the correlation structure of exponential order statistics and some extensions. <i>Mathematical Methods of Statistics</i> , 2016 , 25, 196-206 | 0.3 | |
| 621 | Bivariate Conway-Maxwell-Poisson distribution: Formulation, properties, and inference. <i>Journal of Multivariate Analysis</i> , 2016 , 150, 152-168 | 1.4 | 25 |

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| 620 | Birnbaum-Baunders distribution based on Laplace kernel and some properties and inferential issues. <i>Statistics and Probability Letters</i> , 2015 , 101, 1-10 | 0.6 | 11 |
| 619 | Limit results for concomitants of order statistics. <i>Metrika</i> , 2015 , 78, 385-397 | 0.8 | 1 |
| 618 | Empirical phi-divergence test statistics for testing simple and composite null hypotheses. <i>Statistics</i> , 2015 , 49, 951-977 | 0.5 | 3 |
| 617 | Residual life estimation based on nonlinear-multivariate Wiener processes. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 1742-1764 | 0.9 | 19 |
| 616 | Distribution of the Number of Observations Greater Than the i th Dependent Progressively Type-II Censored Order Statistic and Its Use in Goodness-of-fit Testing. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 2517-2529 | 0.5 | 0 |
| 615 | Optimal Design For Accelerated-Stress Acceptance Test Based on Wiener Process. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 603-612 | 4.6 | 15 |
| 614 | One-sided Control Charts Based on Precedence and Weighted Precedence Statistics. <i>Quality and Reliability Engineering International</i> , 2015 , 31, 113-134 | 2.6 | 20 |
| 613 | Study of incompatibility or near compatibility of bivariate discrete conditional probability distributions through divergence measures. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 117-130 | 0.9 | 4 |
| 612 | On mixed shock models. <i>Statistics and Probability Letters</i> , 2015 , 102, 51-60 | 0.6 | 33 |
| 611 | A simple method for combining estimates to improve the overall error rates in classification. <i>Computational Statistics</i> , 2015 , 30, 1033-1049 | 1 | 6 |
| 610 | Bayesian Estimation Based on Ranked Set Sampling Using Asymmetric Loss Function. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2015 , 38, 707-718 | 1.2 | 10 |
| 609 | On the Computation of Entropy Prior Complexity and Marginal Prior Distribution for the Bernoulli Model. <i>Journal of Statistical Theory and Practice</i> , 2015 , 9, 59-72 | 0.5 | 1 |
| 608 | Statistical Inference on a Stochastic Epidemic Model. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 2297-2314 | 0.6 | 3 |
| 607 | A generalization of quantile-based skew logistic distribution of van Staden and King. <i>Statistics and Probability Letters</i> , 2015 , 107, 44-51 | 0.6 | 4 |
| 606 | The Generalized Pascal Triangle and the Matrix Variate Jensen-Logistic Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 2738-2752 | 0.5 | 3 |
| 605 | Confidence Intervals for Quantiles of a Two-parameter Exponential Distribution under Progressive Type-II Censoring. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 3001-3010 | 0.5 | 7 |
| 604 | Some properties of stochastic volatility model that are induced by its volatility sequence. <i>Statistical Methodology</i> , 2015 , 24, 28-36 | | |
| 603 | Prediction of order statistics and record values based on ordered ranked set sampling. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 77-88 | 0.9 | 10 |

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| 602 | Small Sample Tests for Shape Parameters of Gamma Distributions. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 1339-1363 | 0.6 | 1 |
| 601 | Analyzing supersaturated designs for discrete responses via generalized linear models. <i>Statistical Papers</i> , 2015 , 56, 121-145 | 1 | 1 |
| 600 | Comparisons of Largest Order Statistics from Multiple-outlier Gamma Models. <i>Methodology and Computing in Applied Probability</i> , 2015 , 17, 617-645 | 0.6 | 12 |
| 599 | Recursive computation of the single and product moments of order statistics from the complementary exponential-geometric distribution. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 2187-2201 | 0.9 | 14 |
| 598 | Exact Likelihood Inference for k Exponential Populations Under Joint Progressive Type-II Censoring. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 902-923 | 0.6 | 20 |
| 597 | Likelihood Testing With Censored and Missing Duration Data. <i>Journal of Statistical Theory and Practice</i> , 2015 , 9, 2-22 | 0.5 | 7 |
| 596 | Exact Likelihood Inference for k Exponential Populations Under Joint Type-II Censoring. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 591-613 | 0.6 | 15 |
| 595 | Sequential precedence tests. <i>Statistics</i> , 2015 , 49, 224-238 | 0.5 | 2 |
| 594 | A Recursive Algorithm For the Single and Product Moments of Order Statistics From the Exponential-geometric Distribution and Some Estimation Methods. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 3576-3598 | 0.5 | 3 |
| 593 | GOODNESS-OF-FIT TESTS FOR ONE-SHOT DEVICE TESTING DATA. <i>Series on Advances in Mathematics for Applied Sciences</i> , 2015 , 124-131 | | 2 |
| 592 | Likelihood Inference for Flexible Cure Rate Models with Gamma Lifetimes. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 4007-4048 | 0.5 | 10 |
| 591 | Estimating the transition of individuals between life stages. <i>Environmetrics</i> , 2015 , 26, 526-533 | 1.3 | 1 |
| 590 | Tests for homogeneity of distributions of component lifetimes from system lifetime data with known system signatures. <i>Naval Research Logistics</i> , 2015 , 62, 550-563 | 1.5 | 6 |
| 589 | Consistent estimation of parameters and quantiles of the three-parameter gamma distribution based on Type-II right-censored data. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 2406-2424 | 0.9 | 0 |
| 588 | Latent cure rate model under repair system and threshold effect. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 2860-2873 | 0.9 | 2 |
| 587 | Statistical Inference of Component Lifetimes With Location-Scale Distributions From Censored System Failure Data With Known Signature. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 613-626 | 4.6 | 14 |
| 586 | Residual life estimation based on bivariate non-stationary gamma degradation process. <i>Journal of Statistical Computation and Simulation</i> , 2015 , 85, 405-421 | 0.9 | 33 |
| 585 | Inference for the Birnbaum-Baunders Lifetime Regression Model with Applications. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 2073-2100 | 0.6 | 6 |

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| 584 | Goodness-of-fit tests for one-shot device accelerated life testing data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 1-12 | 0.6 | |
| 583 | Improved Ordering Results for Fail-Safe Systems with Exponential Components. <i>Communications in Statistics - Theory and Methods</i> , 2015 , 44, 2010-2023 | 0.5 | 13 |
| 582 | A skew logistic distribution as an alternative to the model of van Staden and King. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 1-16 | 0.6 | 1 |
| 581 | An Efficient Method of Parameter and Quantile Estimation for the Three-Parameter Weibull Distribution Based on Statistics Invariant to Unknown Location Parameter. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 295-318 | 0.6 | 6 |
| 580 | Reliability Inference on Composite Dynamic Systems Based on Burr Type-XII Distribution. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 144-153 | 4.6 | 10 |
| 579 | An Empirical Analysis of Some Nonparametric Goodness-of-Fit Tests for Censored Data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2015 , 44, 1101-1115 | 0.6 | 8 |
| 578 | Logistic vector random fields with logistic direct and cross covariances. <i>Journal of Statistical Planning and Inference</i> , 2015 , 161, 109-118 | 0.8 | 4 |
| 577 | Stochastic comparison of aggregate claim amounts between two heterogeneous portfolios and its applications. <i>Insurance: Mathematics and Economics</i> , 2015 , 61, 235-241 | 1.5 | 17 |
| 576 | Stochastic Comparisons of Series and Parallel Systems With Generalized Exponential Components. <i>IEEE Transactions on Reliability</i> , 2015 , 64, 333-348 | 4.6 | 48 |
| 575 | An EM algorithm for the estimation of parameters of a flexible cure rate model with generalized gamma lifetime and model discrimination using likelihood- and information-based methods. <i>Computational Statistics</i> , 2015 , 30, 151-189 | 1 | 30 |
| 574 | Inference for the bivariate Birnbaum-Baunders lifetime regression model and associated inference. <i>Metrika</i> , 2015 , 78, 853-872 | 0.8 | 3 |
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| 572 | EM algorithm for one-shot device testing with competing risks under exponential distribution. <i>Reliability Engineering and System Safety</i> , 2015 , 137, 129-140 | 6.3 | 21 |
| 571 | Multivariate Skew-Normal Generalized Hyperbolic distribution and its properties. <i>Journal of Multivariate Analysis</i> , 2014 , 128, 73-85 | 1.4 | 21 |
| 570 | On the Lorenz ordering of order statistics from exponential populations and some applications. <i>Journal of Multivariate Analysis</i> , 2014 , 127, 88-97 | 1.4 | 6 |
| 569 | On extremes of bivariate residual lifetimes from generalized Marshall-Olkin and time transformed exponential models. <i>Metrika</i> , 2014 , 77, 1041-1056 | 0.8 | 3 |
| 568 | (L)-statistics from multivariate unified skew-elliptical distributions. <i>Metrika</i> , 2014 , 77, 559-583 | 0.8 | 5 |
| 567 | On usual multivariate stochastic ordering of order statistics from heterogeneous beta variables. <i>Journal of Multivariate Analysis</i> , 2014 , 127, 147-150 | 1.4 | 12 |

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| 566 | A stochastic inequality for the largest order statistics from heterogeneous gamma variables. <i>Journal of Multivariate Analysis</i> , 2014 , 129, 145-150 | 1.4 | 15 |
| 565 | Bayesian inference based on a jointly type-II censored sample from two exponential populations. <i>Journal of Statistical Computation and Simulation</i> , 2014 , 84, 2427-2440 | 0.9 | 19 |
| 564 | Type II bivariate PLYA-Aeppli distribution. <i>Statistics and Probability Letters</i> , 2014 , 88, 40-49 | 0.6 | 8 |
| 563 | On a Bivariate PLYA-Aeppli Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2014 , 43, 5026-5038 | 0.5 | 9 |
| 562 | A method for estimating parameters and quantiles of the three-parameter inverse Gaussian distribution based on statistics invariant to unknown location. <i>Journal of Statistical Computation and Simulation</i> , 2014 , 84, 2361-2377 | 0.9 | 1 |
| 561 | A Consistent Method of Estimation For The Three-Parameter Gamma Distribution. <i>Communications in Statistics - Theory and Methods</i> , 2014 , 43, 3905-3926 | 0.5 | 9 |
| 560 | Stochastic Orderings and Ageing Properties of Residual Life Lengths of Live Components in (n-k+1)-Out-Of-n Systems. <i>Journal of Applied Probability</i> , 2014 , 51, 58-68 | 0.8 | 10 |
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| 558 | Further Results on Order Statistics Generated by Two Simulation Methods. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2014 , 43, 2732-2743 | 0.6 | |
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| 556 | Accelerated Life Testing 2014 , 481-505 | | |
| 555 | An improved method of estimation for the parameters of the Birnbaum-Baunders distribution. <i>Journal of Statistical Computation and Simulation</i> , 2014 , 84, 2285-2294 | 0.9 | 10 |
| 554 | Likelihood estimation for a general class of inverse exponentiated distributions based on complete and progressively censored data. <i>Journal of Statistical Computation and Simulation</i> , 2014 , 84, 96-106 | 0.9 | 23 |
| 553 | Some binary start-up demonstration tests and associated inferential methods. <i>Annals of the Institute of Statistical Mathematics</i> , 2014 , 66, 759-787 | 1 | 9 |
| 552 | Generalized mixtures of Weibull components. <i>Test</i> , 2014 , 23, 515-535 | 1.1 | 9 |
| 551 | The Art of Progressive Censoring 2014 , | | 182 |
| 550 | On the likelihood estimation of the parameters of Gompertz distribution based on complete and progressively Type-II censored samples. <i>Journal of Statistical Computation and Simulation</i> , 2014 , 84, 1803-1812 | 0.9 | 17 |
| 549 | A robust extension of the bivariate Birnbaum-Baunders distribution and associated inference. <i>Journal of Multivariate Analysis</i> , 2014 , 124, 418-435 | 1.4 | 15 |

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| 547 | On the method of pivoting the CDF for exact confidence intervals with illustration for exponential mean under life-test with time constraints. <i>Statistics and Probability Letters</i> , 2014 , 89, 124-130 | 0.6 | 32 |
| 546 | Exact meta-analysis of several independent progressively type-II censored data. <i>Applied Mathematical Modelling</i> , 2014 , 38, 949-960 | 4.5 | 11 |
| 545 | A COMBpoisson type generalization of the binomial distribution and its properties and applications. <i>Statistics and Probability Letters</i> , 2014 , 87, 158-166 | 0.6 | 15 |
| 544 | The bivariate Sinh-Elliptical distribution with applications to Birnbaum-Baunders distribution and associated regression and measurement error models. <i>Computational Statistics and Data Analysis</i> , 2014 , 80, 1-16 | 1.6 | 10 |
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| 36 | State space splitting of a finite markov process and some discussions on related counting processes. <i>Communications in Statistics - Theory and Methods</i> ,1-32 | 0.5 | |
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