

Vera Tomazella

List of Publications by Year in descending order

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47
papers

327
citations

1040056

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47
all docs

47
docs citations

47
times ranked

204
citing authors

#	ARTICLE	IF	CITATIONS
1	Incorporation of frailties into a cure rate regression model and its diagnostics and application to melanoma data. <i>Statistics in Medicine</i> , 2018, 37, 4421-4440.	1.6	44
2	Birnbaum's Saunders frailty regression models: Diagnostics and application to medical data. <i>Biometrical Journal</i> , 2017, 59, 291-314.	1.0	37
3	A survival model with Birnbaum's Saunders frailty for uncensored and censored cancer data. <i>Brazilian Journal of Probability and Statistics</i> , 2018, 32, .	0.4	21
4	A new class of defective models based on the Marshall's Olkin family of distributions for cure rate modeling. <i>Computational Statistics and Data Analysis</i> , 2017, 107, 48-63.	1.2	19
5	New defective models based on the Kumaraswamy family of distributions with application to cancer data sets. <i>Statistical Methods in Medical Research</i> , 2017, 26, 1737-1755.	1.5	17
6	Defective models induced by gamma frailty term for survival data with cured fraction. <i>Journal of Applied Statistics</i> , 2019, 46, 484-507.	1.3	16
7	Bayesian non-parametric frailty model for dependent competing risks in a repairable systems framework. <i>Reliability Engineering and System Safety</i> , 2020, 204, 107145.	8.9	15
8	Two new defective distributions based on the Marshall's Olkin extension. <i>Lifetime Data Analysis</i> , 2016, 22, 216-240.	0.9	11
9	Long-term frailty modeling using a non-proportional hazards model: Application with a melanoma dataset. <i>Statistical Methods in Medical Research</i> , 2020, 29, 2100-2118.	1.5	10
10	Objective Bayesian analysis for the Lomax distribution. <i>Statistics and Probability Letters</i> , 2020, 159, 108677.	0.7	10
11	Zero-adjusted defective regression models for modeling lifetime data. <i>Journal of Applied Statistics</i> , 2019, 46, 2434-2459.	1.3	9
12	A new cure rate model with flexible competing causes with applications to melanoma and transplantation data. <i>Statistics in Medicine</i> , 2020, 39, 3272-3284.	1.6	9
13	Frailty models power variance function with cure fraction and latent risk factors negative binomial. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 9763-9776.	1.0	8
14	Defective regression models for cure rate modeling with interval-censored data. <i>Biometrical Journal</i> , 2019, 61, 841-859.	1.0	8
15	Bayesian analysis of the inverse generalized gamma distribution using objective priors. <i>Journal of Statistical Computation and Simulation</i> , 2021, 91, 786-816.	1.2	8
16	The generalized time-dependent logistic frailty model: An application to a population-based prospective study of incident cases of lung cancer diagnosed in Northern Ireland. <i>Brazilian Journal of Probability and Statistics</i> , 2015, 29, .	0.4	7
17	Zero-adjusted reparameterized Birnbaum's Saunders regression model. <i>Statistics and Probability Letters</i> , 2019, 149, 142-145.	0.7	7
18	A Repairable System Subjected to Hierarchical Competing Risks: Modeling and Applications. <i>IEEE Access</i> , 2019, 7, 171707-171723.	4.2	7

#	ARTICLE	IF	CITATIONS
19	Inverse Gaussian process model with frailty term in reliability analysis. <i>Quality and Reliability Engineering International</i> , 2021, 37, 763-784.	2.3	7
20	Statistical modeling and reliability analysis of multiple repairable systems with dependent failure times under perfect repair. <i>Reliability Engineering and System Safety</i> , 2022, 222, 108375.	8.9	7
21	The Lehmann type II inverse Weibull distribution in the presence of censored data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 7057-7073.	1.2	5
22	Gamma-Gompertz shared frailty model for analysis of the time of stay in an Anglo-Nubian goat herd. <i>Small Ruminant Research</i> , 2021, 199, 106368.	1.2	5
23	Modeling categorical covariates for lifetime data in the presence of cure fraction by Bayesian partition structures. <i>Journal of Applied Statistics</i> , 2014, 41, 622-634.	1.3	4
24	Negative Binomial Kumaraswamy-G Cure Rate Regression Model. <i>Journal of Risk and Financial Management</i> , 2018, 11, 6.	2.3	4
25	On mean-based bivariate Birnbaum-Saunders distributions: Properties, inference and application. <i>Communications in Statistics - Theory and Methods</i> , 2020, 49, 6032-6056.	1.0	4
26	Incorporation of Frailties Into a Non-Proportional Hazard Regression Model and Its Diagnostics for Reliability Modeling of Downhole Safety Valves. <i>IEEE Access</i> , 2020, 8, 219757-219774.	4.2	4
27	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
28	Bayesian Reference Analysis for the Generalized Normal Linear Regression Model. <i>Symmetry</i> , 2021, 13, 856.	2.2	3
29	Reference Bayesian analysis for the generalized lognormal distribution with application to survival data. <i>Statistics and Its Interface</i> , 2020, 13, 139-149.	0.3	3
30	Accelerated lifetime modelling with frailty in a non-homogeneous Poisson Process for analysis of recurrent events data. <i>Quality Technology and Quantitative Management</i> , 2018, 15, 209-229.	1.9	2
31	Hierarchical Transmuted Log-Logistic Model: A Subjective Bayesian Analysis. <i>Journal of Risk and Financial Management</i> , 2018, 11, 13.	2.3	2
32	Improved objective Bayesian estimator for a PLP model hierarchically represented subject to competing risks under minimal repair regime. <i>PLoS ONE</i> , 2021, 16, e0255944.	2.5	2
33	Bayesian Estimation of the Kumaraswamy InverseWeibull Distribution. <i>Journal of Statistical Theory and Applications</i> , 2017, 16, 248.	0.9	2
34	Objective Bayesian reference analysis for the Poisson process model in presence of recurrent events data. <i>Test</i> , 2011, 20, 204-221.	1.1	1
35	Objective Bayesian Analysis for the Complementary Exponential Geometric Model Applied to Cancer Data. <i>International Journal of Statistics and Probability</i> , 2017, 6, 122.	0.3	1
36	Weighted Lindley frailty model: estimation and application to lung cancer data. <i>Lifetime Data Analysis</i> , 2021, 27, 561-587.	0.9	1

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37	GOMPERTZ REGRESSION MODEL WITH GAMMA FRAILITY: A STUDY ON THE APPLICATION IN LUNG CANCER. <i>Revista Brasileira De Biometria</i> , 2018, 36, 860-879.	0.1	1
38	Objective bayesian analysis for multiple repairable systems. <i>PLoS ONE</i> , 2021, 16, e0258581.	2.5	1
39	Reliability assessment of repairable systems with series-parallel structure subjected to hierarchical competing risks under minimal repair regime. <i>Reliability Engineering and System Safety</i> , 2022, 222, 108364.	8.9	1
40	Weighted Lindley regression model with varying precision: estimation, modeling and its diagnostics. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-21.	1.2	1
41	Does reference prior alleviate the incidental parameter problem?. <i>Brazilian Journal of Probability and Statistics</i> , 2010, 24, .	0.4	0
42	Bayesian estimation of generalized exponential distribution under noninformative priors. <i>AIP Conference Proceedings</i> , 2012, , .	0.4	0
43	Estimation of parameters in Laplace distributions with interval censored data. <i>Brazilian Journal of Probability and Statistics</i> , 2015, 29, .	0.4	0
44	Bayesian Partition for Variable Selection in the Power Series Cure Rate Model. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 311-321.	0.2	0
45	Biparametric zero-modified power series distributions: Bayesian analysis under a reference prior approach. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 10518-10536.	1.0	0
46	Cox-Gompertz model for analysis of the time of stay in an Anglo-Nubian goat herd. <i>Semina:Ciencias Agrarias</i> , 2021, 42, 2937-2958.	0.3	0
47	Nonproportional hazards model with a frailty term for modeling subgroups with evidence of long-term survivors: Application to a lung cancer dataset. <i>Biometrical Journal</i> , 2021, , .	1.0	0