

Filipe J Marques

List of Publications by Year in descending order

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48
papers

304
citations

933447

10
h-index

940533

16
g-index

50
all docs

50
docs citations

50
times ranked

83
citing authors

#	ARTICLE	IF	CITATIONS
1	A general near-exact distribution theory for the most common likelihood ratio test statistics used in Multivariate Analysis. <i>Test</i> , 2011, 20, 180-203.	1.1	42
2	Near-Exact Distributions for Certain Likelihood Ratio Test Statistics. <i>Journal of Statistical Theory and Practice</i> , 2010, 4, 711-725.	0.5	22
3	Near-exact distributions for the likelihood ratio test statistic to test equality of several variance-covariance matrices in elliptically contoured distributions. <i>Computational Statistics</i> , 2012, 27, 627-659.	1.5	22
4	The distribution of the product of powers of independent uniform random variables – A simple but useful tool to address and better understand the structure of some distributions. <i>Journal of Multivariate Analysis</i> , 2013, 113, 19-36.	1.0	22
5	The advantage of decomposing elaborate hypotheses on covariance matrices into conditionally independent hypotheses in building near-exact distributions for the test statistics. <i>Linear Algebra and Its Applications</i> , 2009, 430, 2592-2606.	0.9	21
6	Near-exact distributions for the sphericity likelihood ratio test statistic. <i>Journal of Statistical Planning and Inference</i> , 2008, 138, 726-741.	0.6	18
7	Near-exact distributions for the independence and sphericity likelihood ratio test statistics. <i>Journal of Multivariate Analysis</i> , 2010, 101, 583-593.	1.0	18
8	Obtaining the exact and near-exact distributions of the likelihood ratio statistic to test circular symmetry through the use of characteristic functions. <i>Computational Statistics</i> , 2013, 28, 2091-2115.	1.5	15
9	Products of ratios of gamma functions – An application to the distribution of the test statistic for testing the equality of covariance matrices. <i>Journal of Computational and Applied Mathematics</i> , 2019, 354, 86-95.	2.0	11
10	The exact and near-exact distributions of the main likelihood ratio test statistics used in the complex multivariate normal setting. <i>Test</i> , 2015, 24, 386-416.	1.1	10
11	On the distribution of linear combinations of independent Gumbel random variables. <i>Statistics and Computing</i> , 2015, 25, 683-701.	1.5	10
12	Jackknife Euclidean Likelihood-Based Inference for Spearman's Rho. <i>North American Actuarial Journal</i> , 2012, 16, 487-492.	1.4	8
13	Near-exact distributions for the likelihood ratio test statistic of the multi-sample block-matrix sphericity test. <i>Applied Mathematics and Computation</i> , 2012, 219, 2861-2874.	2.2	8
14	The Multi-Sample Block-Scalar Sphericity Test: Exact and Near-Exact Distributions for Its Likelihood Ratio Test Statistic. <i>Communications in Statistics - Theory and Methods</i> , 2013, 42, 1153-1175.	1.0	8
15	Testing the equality of several linear regression models. <i>Computational Statistics</i> , 2017, 32, 1453-1480.	1.5	6
16	Near-Exact Distributions for Likelihood Ratio Statistics Used in the Simultaneous Test of Conditions on Mean Vectors and Patterns of Covariance Matrices. <i>Mathematical Problems in Engineering</i> , 2016, 2016, 1-25.	1.1	5
17	Improved near-exact distributions for the product of independent Generalized Gamma random variables. <i>Computational Statistics and Data Analysis</i> , 2016, 102, 55-66.	1.2	5
18	The block sphericity test – exact and near-exact distributions for the likelihood ratio statistic. <i>Mathematical Methods in the Applied Sciences</i> , 2012, 35, 373-383.	2.3	4

#	ARTICLE	IF	CITATIONS
19	Introducing Nonparametric Predictive Inference Methods for Reproducibility of Likelihood Ratio Tests. <i>Journal of Statistical Theory and Practice</i> , 2019, 13, 1.	0.5	4
20	The Multi-sample Block-matrix Sphericity Test. , 2011, , .		3
21	On the Exact, Asymptotic and Near-exact Distributions for the Likelihood Ratio Statistics to Test Equality of Several Exponential Distributions. , 2011, , .		3
22	Near-exact distributions for the block equicorrelation and equivariance likelihood ratio test statistic. , 2013, , .		3
23	The multisample block-diagonal equicorrelation and equivariance test. , 2013, , .		3
24	Approximations for the Likelihood Ratio Statistic for Hypothesis Testing Between Two Beta Distributions. <i>Journal of Statistical Theory and Practice</i> , 2019, 13, 1.	0.5	3
25	Series representations for densities functions of a family of distributionsâ€™ Application to sums of independent random variables. <i>Mathematical Methods in the Applied Sciences</i> , 2019, 42, 5718-5735.	2.3	3
26	The Exact and Near-Exact Distributions of the Likelihood Ratio Statistic for the Block Sphericity Test. , 2010, , .		2
27	The multi-sample independence test. , 2012, , .		2
28	A note on the Jackson exponentiality test. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
29	The simultaneous test of equality and circularity of several covariance matrices. <i>Journal of Statistical Theory and Practice</i> , 2018, 12, 861-885.	0.5	2
30	On the distribution of the likelihood ratio test of independence for random sample size n a computational approach. <i>Journal of Computational and Applied Mathematics</i> , 2022, 404, 113394.	2.0	2
31	The Block-Matrix Sphericity Test: Exact and Near-Exact Distributions for the Test Statistic. , 2013, , 169-177.		2
32	Asymptotic Results for Multinomial Models. <i>Symmetry</i> , 2021, 13, 2173.	2.2	2
33	The multi-sample block-scalar sphericity test under the complex multivariate normal case. , 2013, , .		1
34	The exact distribution of the likelihood ratio test statistic used to test simultaneously the equality of means and circularity of the covariance matrix. , 2013, , .		1
35	A note on the distribution of the linear combination of independent Gamma random variables. , 2014, , .		1
36	The sphericity versus equivariance-equicorrelation test. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	1

#	ARTICLE	IF	CITATIONS
37	Near-Exact Distributions for the Likelihood Ratio Test Statistic for Testing Multisample Independence – The Real and Complex Cases. <i>Journal of Statistical Theory and Practice</i> , 2015, 9, 37-58.	0.5	1
38	Near-exact distributions for positive linear combinations of independent non-central Gamma random variables. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	1
39	Nonparametric Predictive Inference for Test Reproducibility by Sampling Future Data Orderings. <i>Journal of Statistical Theory and Practice</i> , 2020, 14, 1.	0.5	1
40	An Enriched $\hat{\mu} \pm \hat{\sigma} \cdot \frac{1}{4}$ Model as Fading Candidate. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-9.1.1		1
41	The ratio of independent generalized gamma random variables with applications. <i>Computational and Mathematical Methods</i> , 2021, 3, e1061.	0.8	1
42	Tail Conditional Expectations Based on Kumaraswamy Dispersion Models. <i>Mathematics</i> , 2021, 9, 1478.	2.2	1
43	A bivariate geometric distribution via conditional specification: properties and applications. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-21.	1.2	1
44	Accounting for Sampling Weights in the Analysis of Spatial Distributions of Disease Using Health Survey Data, with an Application to Mapping Child Health in Malawi and Mozambique. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6319.	2.6	1
45	Preface for the Special Issue on Distribution Theory, Estimation, and Inference. <i>Journal of Statistical Theory and Practice</i> , 2015, 9, 1-1.	0.5	0
46	Preface of the “4th symposium on distribution theory, estimation and inference”. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
47	On sharp and highly manageable asymptotic approximations for instances of the Meijer G function. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
48	Preface of the “5th Symposium on Distribution Theory, Estimation and Inference”. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	0