

Benoit Liquet

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,911
citations

393982

19
h-index

276539

41
g-index

75
all docs

75
docs citations

75
times ranked

3690
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of Extended Mixed Models Using Latent Classes and Latent Processes: The <code>lcmm</code> Package. <i>Journal of Statistical Software</i> , 2017, 78, .	1.8	430
2	<code>ClustOfVar</code> : An R Package for the Clustering of Variables. <i>Journal of Statistical Software</i> , 2012, 50, .	1.8	163
3	A novel approach for biomarker selection and the integration of repeated measures experiments from two assays. <i>BMC Bioinformatics</i> , 2012, 13, 325.	1.2	129
4	Deciphering the complex: Methodological overview of statistical models to derive OMICS-based biomarkers. <i>Environmental and Molecular Mutagenesis</i> , 2013, 54, 542-557.	0.9	113
5	Handling Missing Values with Regularized Iterative Multiple Correspondence Analysis. <i>Journal of Classification</i> , 2012, 29, 91-116.	1.2	84
6	Community evaluation of glycoproteomics informatics solutions reveals high-performance search strategies for serum glycopeptide analysis. <i>Nature Methods</i> , 2021, 18, 1304-1316.	9.0	74
7	Breast cancer risk, nightwork, and circadian clock gene polymorphisms. <i>Endocrine-Related Cancer</i> , 2014, 21, 629-638.	1.6	71
8	Using Random forest and Gradient boosting trees to improve wave forecast at a specific location. <i>Applied Ocean Research</i> , 2020, 104, 102339.	1.8	69
9	GUESS-ing Polygenic Associations with Multiple Phenotypes Using a GPU-Based Evolutionary Stochastic Search Algorithm. <i>PLoS Genetics</i> , 2013, 9, e1003657.	1.5	58
10	Choice between Semi-parametric Estimators of Markov and Non-Markov Multi-state Models from Coarsened Observations. <i>Scandinavian Journal of Statistics</i> , 2007, 34, 33-52.	0.9	53
11	Group and sparse group partial least square approaches applied in genomics context. <i>Bioinformatics</i> , 2016, 32, 35-42.	1.8	50
12	Forecasting intensifying disturbance effects on coral reefs. <i>Global Change Biology</i> , 2020, 26, 2785-2797.	4.2	46
13	Odor vapor pressure and quality modulate local field potential oscillatory patterns in the olfactory bulb of the anesthetized rat. <i>European Journal of Neuroscience</i> , 2008, 27, 1432-1440.	1.2	39
14	Investigating trial and treatment heterogeneity in an individual patient data meta-analysis of survival data by means of the penalized maximum likelihood approach. <i>Statistics in Medicine</i> , 2008, 27, 1894-1910.	0.8	37
15	Understanding Convergence Concepts: A Visual-Minded and Graphical Simulation-Based Approach. <i>American Statistician</i> , 2009, 63, 173-178.	0.9	27
16	Bayesian Variable Selection Regression of Multivariate Responses for Group Data. <i>Bayesian Analysis</i> , 2017, 12, .	1.6	27
17	Detecting Technical Anomalies in High-Frequency Water-Quality Data Using Artificial Neural Networks. <i>Environmental Science & Technology</i> , 2020, 54, 13719-13730.	4.6	27
18	A multivariate approach to investigate the combined biological effects of multiple exposures. <i>Journal of Epidemiology and Community Health</i> , 2018, 72, 564-571.	2.0	26

#	ARTICLE	IF	CITATIONS
19	Investigating hospital heterogeneity with a multi-state frailty model: application to nosocomial pneumonia disease in intensive care units. BMC Medical Research Methodology, 2012, 12, 79.	1.4	24
20	R2GUESS : A Graphics Processing Unit-Based R Package for Bayesian Variable Selection Regression of Multivariate Responses. Journal of Statistical Software, 2016, 69, .	1.8	21
21	The R Software. Statistics and Computing, 2013, , .	0.1	20
22	Choice of Prognostic Estimators in Joint Models by Estimating Differences of Expected Conditional Kullback-Leibler Risks. Biometrics, 2012, 68, 380-387.	0.8	19
23	Correction of the P-value after multiple coding of an explanatory variable in logistic regression. Statistics in Medicine, 2001, 20, 2815-2826.	0.8	18
24	A graphical tool for selecting the number of slices and the dimension of the model in SIR and SAVE approaches. Computational Statistics, 2012, 27, 103-125.	0.8	18
25	Power and Sample Size Determination in Clinical Trials with Multiple Primary Continuous Correlated Endpoints. Journal of Biopharmaceutical Statistics, 2014, 24, 378-397.	0.4	18
26	Design and rationale of the COVID-19 Critical Care Consortium international, multicentre, observational study. BMJ Open, 2020, 10, e041417.	0.8	17
27	Convergence Concepts: An R Package to Investigate Various Modes of Convergence. R Journal, 2009, 1, 18.	0.7	15
28	Attributable risk estimation for adjusted disability multistate models: Application to nosocomial infections. Biometrical Journal, 2012, 54, 600-616.	0.6	13
29	Pre-diagnostic blood immune markers, incidence and progression of B-cell lymphoma and multiple myeloma: Univariate and functionally informed multivariate analyses. International Journal of Cancer, 2018, 143, 1335-1347.	2.3	13
30	Bootstrap Choice of Estimators in Parametric and Semiparametric Families: An Extension of EIC. Biometrics, 2003, 59, 172-178.	0.8	12
31	Application of the Bootstrap Approach to the Choice of Dimension and the $\hat{\mu}$ Parameter in the SIR _{$\hat{\mu}$} Method. Communications in Statistics Part B: Simulation and Computation, 2008, 37, 1198-1218.	0.6	12
32	A sliced inverse regression approach for data stream. Computational Statistics, 2014, 29, 1129-1152.	0.8	11
33	Type-II generalized family-wise error rate formulas with application to sample size determination. Statistics in Medicine, 2016, 35, 2687-2714.	0.8	10
34	Sparse partial least squares with group and subgroup structure. Statistics in Medicine, 2018, 37, 3338-3356.	0.8	9
35	Asymptotic Distribution of Score Statistics for Spatial Cluster Detection with Censored Data. Biometrics, 2008, 64, 1287-1289.	0.8	8
36	A dynamic view to moment matching of truncated distributions. Statistics and Probability Letters, 2015, 104, 87-93.	0.4	7

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37	Assessment of Flooding Hazards at An Engineered Beach during Extreme Events: Biarritz, SW France. <i>Journal of Coastal Research</i> , 2018, 85, 801-805.	0.1	7
38	Classification algorithm for high-dimensional protein markers in time-course data. <i>Statistics in Medicine</i> , 2020, 39, 4201-4217.	0.8	7
39	Estimation of semi-Markov multi-state models: a comparison of the sojourn times and transition intensities approaches. <i>International Journal of Biostatistics</i> , 2022, 18, 243-262.	0.4	7
40	Mapping of Coral Reefs with Multispectral Satellites: A Review of Recent Papers. <i>Remote Sensing</i> , 2021, 13, 4470.	1.8	7
41	Computation of the λ -value of the maximum of score tests in the generalized linear model; application to multiple coding. <i>Statistics and Probability Letters</i> , 2005, 71, 33-38.	0.4	6
42	A Universal Approximate Cross-Validation Criterion for Regular Risk Functions. <i>International Journal of Biostatistics</i> , 2015, 11, 51-67.	0.4	6
43	Age-related changes in murine myometrial transcript profile are mediated by exposure to the female sex hormones. <i>Aging Cell</i> , 2016, 15, 177-180.	3.0	6
44	CEoptim : Cross-Entropy <i>R</i> Package for Optimization. <i>Journal of Statistical Software</i> , 2017, 76, .	1.8	6
45	Choice of Estimators Based on Different Observations: Modified AIC and LCV Criteria. <i>Scandinavian Journal of Statistics</i> , 2011, 38, 268-287.	0.9	5
46	Integrative Analysis of Immunological Data to Explore Chronic Immune T-Cell Activation in Successfully Treated HIV Patients. <i>PLoS ONE</i> , 2017, 12, e0169164.	1.1	5
47	CPMGLM: an R package for p-value adjustment when looking for an optimal transformation of a single explanatory variable in generalized linear models. <i>BMC Medical Research Methodology</i> , 2019, 19, 79.	1.4	5
48	BIG-SIR: a Sliced Inverse Regression approach for massive data. <i>Statistics and Its Interface</i> , 2016, 9, 509-520.	0.2	5
49	Reconstructing Missing and Anomalous Data Collected from High-Frequency In-Situ Sensors in Fresh Waters. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12803.	1.2	5
50	A Sliced Inverse Regression Approach for a Stratified Population. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 3857-3878.	0.6	4
51	Le logiciel R. , 2011, , .		4
52	Correction of the significance level when attempting multiple transformations of an explanatory variable in generalized linear models. <i>BMC Medical Research Methodology</i> , 2013, 13, 75.	1.4	4
53	Age at menarche and the risk of operative delivery. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 411-418.	0.7	4
54	Robust Estimation Procedure for Autoregressive Models with Heterogeneity. <i>Environmental Modeling and Assessment</i> , 2021, 26, 313-323.	1.2	4

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55	Estimating the Expectation of the Log-Likelihood with Censored Data for Estimator Selection. Lifetime Data Analysis, 2004, 10, 351-367.	0.4	3
56	Pooled marginal slicing approach via SIR $\hat{\mu}$ with discrete covariables. Computational Statistics, 2007, 22, 599-617.	0.8	3
57	Bagging Versions of Sliced Inverse Regression. Communications in Statistics - Theory and Methods, 2010, 39, 1985-1996.	0.6	3
58	PLS for Big Data: A unified parallel algorithm for regularised group PLS. Statistics Surveys, 2019, 13, .	7.3	3
59	Penalized Partial Least Square applied to structured data. Arabian Journal of Mathematics, 2020, 9, 329-344.	0.4	2
60	Penalized partial least squares for pleiotropy. BMC Bioinformatics, 2021, 22, 86.	1.2	2
61	Automatic Creation of Storm Impact Database Based on Video Monitoring and Convolutional Neural Networks. Remote Sensing, 2021, 13, 1933.	1.8	2
62	Bayesian meta-analysis models for cross cancer genomic investigation of pleiotropic effects using group structure. Statistics in Medicine, 2021, 40, 1498-1518.	0.8	2
63	In-situ measurements of energetic depth-limited wave loading. Applied Ocean Research, 2022, 125, 103216.	1.8	2
64	Selection between proportional and stratified hazards models based on expected log-likelihood. Computational Statistics, 2007, 22, 619-634.	0.8	1
65	Influence du type d'arthrose de genou sur l'évolution clinique postopératoire d'une chirurgie du ligament croisé antérieur chez le sportif. Journal De Traumatologie Du Sport, 2011, 28, 141-146.	0.1	1
66	Leveraging pleiotropic association using sparse group variable selection in genomics data. BMC Medical Research Methodology, 2022, 22, 9.	1.4	1
67	Selecting a semi-parametric estimator by the expected log-likelihood. , 2006, , 332-349.		0
68	Techniques pour tracer des courbes et des graphiques. , 2011, , 113-155.		0
69	[HDDA] sparse subspace constrained partial least squares. Journal of Statistical Computation and Simulation, 2019, 89, 1005-1019.	0.7	0
70	Multi-Site and Multi-Year Remote Records of Operative Temperatures with Biomimetic Loggers Reveal Spatio-Temporal Variability in Mountain Lizard Activity and Persistence Proxy Estimates. Remote Sensing, 2020, 12, 2908.	1.8	0