

Geoffrey J Mclachlan

List of Publications by Year in descending order

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Version: 2024-02-01

217
papers

20,876
citations

71102

41
h-index

11308

136
g-index

243
all docs

243
docs citations

243
times ranked

19145
citing authors

#	ARTICLE	IF	CITATIONS
1	Top 10 algorithms in data mining. Knowledge and Information Systems, 2008, 14, 1-37.	3.2	4,153
2	Selection bias in gene extraction on the basis of microarray gene-expression data. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6562-6566.	7.1	1,276
3	Robust mixture modelling using the t distribution. Statistics and Computing, 2000, 10, 339-348.	1.5	682
4	Critical assessment of automated flow cytometry data analysis techniques. Nature Methods, 2013, 10, 228-238.	19.0	509
5	A mixture model-based approach to the clustering of microarray expression data. Bioinformatics, 2002, 18, 413-422.	4.1	496
6	Finite Mixture Models. Annual Review of Statistics and Its Application, 2019, 6, 355-378.	7.0	394
7	Automated high-dimensional flow cytometric data analysis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8519-8524.	7.1	355
8	Conservation and divergence in Toll-like receptor 4-regulated gene expression in primary human versus mouse macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E944-53.	7.1	332
9	Modelling high-dimensional data by mixtures of factor analyzers. Computational Statistics and Data Analysis, 2003, 41, 379-388.	1.2	238
10	Finite mixtures of multivariate skew t-distributions: some recent and new results. Statistics and Computing, 2014, 24, 181-202.	1.5	177
11	Multi-level zero-inflated Poisson regression modelling of correlated count data with excess zeros. Statistical Methods in Medical Research, 2006, 15, 47-61.	1.5	169
12	On mixtures of skew normal and skew t -distributions. Advances in Data Analysis and Classification, 2013, 7, 241-266.	1.4	157
13	A simple implementation of a normal mixture approach to differential gene expression in multiclass microarrays. Bioinformatics, 2006, 22, 1608-1615.	4.1	153
14	A Mixture model with random-effects components for clustering correlated gene-expression profiles. Bioinformatics, 2006, 22, 1745-1752.	4.1	143
15	Distribution of transferrin saturation in an Australian population: Relevance to the early diagnosis of hemochromatosis. Gastroenterology, 1998, 114, 543-549.	1.3	138
16	Allograft Aortic Valve Replacement: Long-Term Comparative Clinical Analysis of the Viable Cryopreserved and Antibiotic 4°C Stored Valves. Journal of Cardiac Surgery, 1991, 6, 534-543.	0.7	127
17	Aortic valve infection. Journal of Thoracic and Cardiovascular Surgery, 1992, 104, 511-520.	0.8	121
18	Mixtures of Factor Analyzers with Common Factor Loadings: Applications to the Clustering and Visualization of High-Dimensional Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1298-1309.	13.9	111

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19	On the number of components in a Gaussian mixture model. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2014, 4, 341-355.	6.8	110
20	Relationship of platelet aggregation to bleeding after cardiopulmonary bypass. Annals of Thoracic Surgery, 1994, 57, 981-986.	1.3	104
21	Fitting Mixture Models to Grouped and Truncated Data via the EM Algorithm. Biometrics, 1988, 44, 571.	1.4	102
22	High-Breakdown Linear Discriminant Analysis. Journal of the American Statistical Association, 1997, 92, 136-143.	3.1	100
23	Finite mixtures of canonical fundamental skew t -distributions. Statistics and Computing, 2016, 26, 573-589.	1.5	99
24	Model-based clustering and classification with non-normal mixture distributions. Statistical Methods and Applications, 2013, 22, 427-454.	1.2	91
25	The efficiency of a linear discriminant function based on unclassified initial samples. Biometrika, 1978, 65, 658-665.	2.4	71
26	The mixture method of clustering applied to three-way data. Journal of Classification, 1985, 2, 109-125.	2.2	71
27	Robust cluster analysis via mixtures of multivariate t -distributions. Lecture Notes in Computer Science, 1998, , 658-666.	1.3	71
28	An Asymptotic Unbiased Technique for Estimating the Error Rates in Discriminant Analysis. Biometrics, 1974, 30, 239.	1.4	66
29	Mixtures of Factor Analyzers. Wiley Series in Probability and Statistics, 2005, , 238-256.	0.0	65
30	A benchmark for evaluation of algorithms for identification of cellular correlates of clinical outcomes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 16-21.	1.5	65
31	Resolving the latent structure of schizophrenia endophenotypes using expectation-maximization-based finite mixture modeling.. Journal of Abnormal Psychology, 2007, 116, 16-29.	1.9	63
32	Mixtures of common t -factor analyzers for clustering high-dimensional microarray data. Bioinformatics, 2011, 27, 1269-1276.	4.1	62
33	Characteristic traffic load effects from a mixture of loading events on short to medium span bridges. Structural Safety, 2008, 30, 394-404.	5.3	61
34	Deep Gaussian mixture models. Statistics and Computing, 2019, 29, 43-51.	1.5	60
35	The EM Algorithm. , 2012, , 139-172.		57
36	Fitting Mixtures of Kent Distributions to Aid in Joint Set Identification. Journal of the American Statistical Association, 2001, 96, 56-63.	3.1	54

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37	A score test for overdispersion in zero-inflated poisson mixed regression model. <i>Statistics in Medicine</i> , 2007, 26, 1608-1622.	1.6	54
38	The bias of the apparent error rate in discriminant analysis. <i>Biometrika</i> , 1976, 63, 239-244.	2.4	53
39	Extending mixtures of factor models using the restricted multivariate skew-normal distribution. <i>Journal of Multivariate Analysis</i> , 2016, 143, 398-413.	1.0	51
40	EMMIXuskew: AnRPackage for Fitting Mixtures of Multivariate SkewtDistributions via the EM Algorithm. <i>Journal of Statistical Software</i> , 2013, 55, .	3.7	44
41	Updating a discriminant function on the basis of unclassified data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1982, 11, 753-767.	1.2	41
42	Joint Modeling and Registration of Cell Populations in Cohorts of High-Dimensional Flow Cytometric Data. <i>PLoS ONE</i> , 2014, 9, e100334.	2.5	41
43	Maximum Likelihood Estimation of Mixture Densities for Binned and Truncated Multivariate Data. <i>Machine Learning</i> , 2002, 47, 7-34.	5.4	39
44	Using the EM Algorithm to Train Neural Networks: Misconceptions and a New Algorithm for Multiclass Classification. <i>IEEE Transactions on Neural Networks</i> , 2004, 15, 738-749.	4.2	39
45	Laplace mixture of linear experts. <i>Computational Statistics and Data Analysis</i> , 2016, 93, 177-191.	1.2	38
46	An analysis of valve re-replacement after aortic valve replacement with biologic devices. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1997, 113, 311-318.	0.8	37
47	On a resampling approach for tests on the number of clusters with mixture model-based clustering of tissue samples. <i>Journal of Multivariate Analysis</i> , 2004, 90, 90-105.	1.0	37
48	Modelling the distribution of ischaemic stroke-specific survival time using an EM-based mixture approach with random effects adjustment. <i>Statistics in Medicine</i> , 2004, 23, 2729-2744.	1.6	34
49	Mixture models for clustering multilevel growth trajectories. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 43-51.	1.2	34
50	Autoantibody profiling to identify biomarkers of key pathogenic pathways in mucinous ovarian cancer. <i>European Journal of Cancer</i> , 2010, 46, 170-179.	2.8	33
51	An EM-based semi-parametric mixture model approach to the regression analysis of competing-risks data. <i>Statistics in Medicine</i> , 2003, 22, 1097-1111.	1.6	32
52	Multivariate Skew t Mixture Models: Applications to Fluorescence-Activated Cell Sorting Data. , 2009, , .		31
53	A robust factor analysis model using the restricted skew- t distribution. <i>Test</i> , 2015, 24, 510-531.	1.1	31
54	Comment on "On nomenclature, and the relative merits of two formulations of skew distributions" by A. Azzalini, R. Browne, M. Genton, and P. McNicholas. <i>Statistics and Probability Letters</i> , 2016, 116, 1-5.	0.7	31

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55	EMMIXcskew : An <i>R</i> Package for the Fitting of a Mixture of Canonical Fundamental Skew $\text{<math xmlns:mml="http://www.w3.org/1998/Math/MathML" xlns="http://www.w3.org/1998/Math/MathML"> \text{<mml:mrow> \text{<mml:mi> t \text{</mml:mi> \text{</mml:mrow> \text{</mml:math>}$ -Distributions. <i>Journal of Statistical Software</i> , 2018, 83, .	3.7	31
56	High-Breakdown Linear Discriminant Analysis. <i>Journal of the American Statistical Association</i> , 1997, 92, 136.	3.1	29
57	AN ASYMPTOTIC EXPANSION OF THE EXPECTATION OF THE ESTIMATED ERROR RATE IN DISCRIMINANT ANALYSIS1. <i>The Australian Journal of Statistics</i> , 1973, 15, 210-214.	0.2	28
58	A score test for zero-inflation in correlated count data. <i>Statistics in Medicine</i> , 2006, 25, 1660-1671.	1.6	28
59	Approximation by finite mixtures of continuous density functions that vanish at infinity. <i>Cogent Mathematics & Statistics</i> , 2020, 7, 1750861.	0.9	28
60	Title is missing!. <i>Statistics and Computing</i> , 2003, 13, 45-55.	1.5	27
61	Speeding up the EM algorithm for mixture model-based segmentation of magnetic resonance images. <i>Pattern Recognition</i> , 2004, 37, 1573-1589.	8.1	27
62	Integrative mixture of experts to combine clinical factors and gene markers. <i>Bioinformatics</i> , 2010, 26, 1192-1198.	4.1	27
63	Assessing the performance of an allocation rule. <i>Computers and Mathematics With Applications</i> , 1986, 12, 261-272.	2.7	26
64	The asymptotic distributions of the conditional error rate and risk in discriminant analysis. <i>Biometrika</i> , 1974, 61, 131-135.	2.4	25
65	Some Efficiency Results for the Estimation of the Mixing Proportion in a Mixture of Two Normal Distributions. <i>Biometrics</i> , 1981, 37, 23.	1.4	25
66	Extension of mixture-of-experts networks for binary classification of hierarchical data. <i>Artificial Intelligence in Medicine</i> , 2007, 41, 57-67.	6.5	25
67	A note on the choice of a weighting function to give an efficient method for estimating the probability of misclassification. <i>Pattern Recognition</i> , 1977, 9, 147-149.	8.1	24
68	An analysis of risk factors for death and mode-specific death after aortic valve replacement with allograft, xenograft, and mechanical valves. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1993, 106, 895-911.	0.8	24
69	RSCTCâ€™2010 Discovery Challenge: Mining DNA Microarray Data for Medical Diagnosis and Treatment. <i>Lecture Notes in Computer Science</i> , 2010, , 4-19.	1.3	24
70	Modeling of interâ€™sample variation in flow cytometric data with the joint clustering and matching procedure. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2016, 89, 30-43.	1.5	23
71	Robust mixtures of factor analysis models using the restricted multivariate skew- <i>t</i> distribution. <i>Statistical Modelling</i> , 2018, 18, 50-72.	1.1	22
72	The efficiency of Efron's â€™Bootstrapâ€™ Approach Applied to Error Rate Estimation in Discriminant Analysis. <i>Journal of Statistical Computation and Simulation</i> , 1980, 11, 273-279.	1.2	21

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73	An incremental EM-based learning approach for on-line prediction of hospital resource utilization. <i>Artificial Intelligence in Medicine</i> , 2006, 36, 257-267.	6.5	21
74	A Universal Approximation Theorem for Mixture-of-Experts Models. <i>Neural Computation</i> , 2016, 28, 2585-2593.	2.2	21
75	A globally convergent algorithm for lasso-penalized mixture of linear regression models. <i>Computational Statistics and Data Analysis</i> , 2018, 119, 19-38.	1.2	19
76	Mixture models for partially unclassified data: A case study of renal venous renin in hypertension. <i>Statistics in Medicine</i> , 1989, 8, 1291-1300.	1.6	18
77	Clustering of time-course gene expression profiles using normal mixture models with autoregressive random effects. <i>BMC Bioinformatics</i> , 2012, 13, 300.	2.6	18
78	Some asymptotic results on the effect of autocorrelation on the error rates of the sample linear discriminant function. <i>Pattern Recognition</i> , 1983, 16, 119-121.	8.1	17
79	A very fast algorithm for matrix factorization. <i>Statistics and Probability Letters</i> , 2011, 81, 773-782.	0.7	17
80	On approximations via convolution-defined mixture models. <i>Communications in Statistics - Theory and Methods</i> , 2019, 48, 3945-3955.	1.0	17
81	The biases associated with maximum likelihood methods of estimation of the multivariate logistic risk function. <i>Communications in Statistics - Theory and Methods</i> , 1978, 7, 877-890.	1.0	16
82	Maximum likelihood clustering via normal mixture models. <i>Signal Processing: Image Communication</i> , 1996, 8, 105-111.	3.2	16
83	On the classification of microarray gene-expression data. <i>Briefings in Bioinformatics</i> , 2013, 14, 402-410.	6.5	16
84	Mini-batch learning of exponential family finite mixture models. <i>Statistics and Computing</i> , 2020, 30, 731-748.	1.5	16
85	MODEL-BASED CLUSTERING IN GENE EXPRESSION MICROARRAYS: AN APPLICATION TO BREAST CANCER DATA. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2003, 13, 579-592.	0.8	15
86	Using mixture models to detect differentially expressed genes. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 859.	1.0	15
87	On selection biases with prediction rules formed from gene expression data. <i>Journal of Statistical Planning and Inference</i> , 2008, 138, 374-386.	0.6	15
88	Maximum likelihood estimation of Gaussian mixture models without matrix operations. <i>Advances in Data Analysis and Classification</i> , 2015, 9, 371-394.	1.4	15
89	Inference on differences between classes using cluster-specific contrasts of mixed effects. <i>Biostatistics</i> , 2015, 16, 98-112.	1.5	14
90	Commentary on Steinley and Brusco (2011): Recommendations and cautions.. <i>Psychological Methods</i> , 2011, 16, 80-81.	3.5	13

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91	Clustering. <i>Methods in Molecular Biology</i> , 2017, 1526, 345-362.	0.9	13
92	A Block EM Algorithm for Multivariate Skew Normal and Skew t -Mixture Models. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 5581-5591.	11.3	13
93	Ensemble Approach for the Classification of Imbalanced Data. <i>Lecture Notes in Computer Science</i> , 2009, , 291-300.	1.3	13
94	AN ASYMPTOTIC EXPANSION FOR THE VARIANCE OF THE ERRORS OF MISCLASSIFICATION OF THE LINEAR DISCRIMINANT FUNCTION ¹ . <i>The Australian Journal of Statistics</i> , 1972, 14, 68-72.	0.2	12
95	Further results on the effect of intraclass correlation among training samples in discriminant analysis. <i>Pattern Recognition</i> , 1976, 8, 273-275.	8.1	12
96	A comparison of the mixture and classification approaches to cluster analysis. <i>Communications in Statistics - Theory and Methods</i> , 1980, 9, 923-933.	1.0	12
97	Parametric Estimation in a Genetic Mixture Model with Application to Nuclear Family Data. <i>Biometrics</i> , 1994, 50, 128.	1.4	12
98	Maternity Length of Stay Modelling by Gamma Mixture Regression with Random Effects. <i>Biometrical Journal</i> , 2007, 49, 750-764.	1.0	12
99	Comments on: Augmenting the bootstrap to analyze high dimensional genomic data. <i>Test</i> , 2008, 17, 43-46.	1.1	12
100	Unsupervised pattern recognition of mixed data structures with numerical and categorical features using a mixture regression modelling framework. <i>Pattern Recognition</i> , 2019, 88, 261-271.	8.1	12
101	Multilevel survival modelling of recurrent urinary tract infections. <i>Computer Methods and Programs in Biomedicine</i> , 2007, 87, 225-229.	4.7	11
102	Laplace mixture autoregressive models. <i>Statistics and Probability Letters</i> , 2016, 110, 18-24.	0.7	11
103	Asymptotic error rates of the W and Z statistics when the training observations are dependent. <i>Pattern Recognition</i> , 1986, 19, 467-471.	8.1	10
104	Modelling mass-size particle data by finite mixtures. <i>Communications in Statistics - Theory and Methods</i> , 1989, 18, 2629-2646.	1.0	10
105	False Discovery Rate Control in Magnetic Resonance Imaging Studies via Markov Random Fields. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1735-1748.	8.9	10
106	Mixtures of spatial spline regressions for clustering and classification. <i>Computational Statistics and Data Analysis</i> , 2016, 93, 76-85.	1.2	10
107	Spatial clustering of time series via mixture of autoregressions models and Markov random fields. <i>Statistica Neerlandica</i> , 2016, 70, 414-439.	1.6	10
108	A bivariate joint frailty model with mixture framework for survival analysis of recurrent events with dependent censoring and cure fraction. <i>Biometrics</i> , 2020, 76, 753-766.	1.4	10

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109	On modifications to the long-term survival mixture model in the presence of competing risks. <i>Journal of Statistical Computation and Simulation</i> , 1998, 61, 77-96.	1.2	9
110	Clustering. <i>Methods in Molecular Biology</i> , 2008, 453, 423-439.	0.9	9
111	A score test for assessing the cured proportion in the long-term survivor mixture model. <i>Statistics in Medicine</i> , 2009, 28, 3454-3466.	1.6	9
112	Maximum Pseudolikelihood Estimation for Model-Based Clustering of Time Series Data. <i>Neural Computation</i> , 2017, 29, 990-1020.	2.2	9
113	SOME EXPECTED VALUES FOR THE ERROR RATES OF THE SAMPLE QUADRATIC DISCRIMINANT FUNCTION ¹ . <i>The Australian Journal of Statistics</i> , 1975, 17, 161-165.	0.2	8
114	Constrained sample discrimination with the studentized classification statistic w. <i>Communications in Statistics - Theory and Methods</i> , 1977, 6, 575-583.	1.0	8
115	Segmentation and intensity estimation of microarray images using a gamma-t mixture model. <i>Bioinformatics</i> , 2007, 23, 458-465.	4.1	8
116	Mixture Models in Statistics. , 2015, , 624-628.		8
117	Maximum likelihood estimation of triangular and polygonal distributions. <i>Computational Statistics and Data Analysis</i> , 2016, 102, 23-36.	1.2	8
118	Mixture cure models with time-varying and multilevel frailties for recurrent event data. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1368-1385.	1.5	8
119	On the bias and variance of some proportion estimators. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1982, 11, 715-726.	1.2	7
120	Multivariate Normal Mixtures. <i>Wiley Series in Probability and Statistics</i> , 2005, , 81-116.	0.0	7
121	Corruption-Resistant Privacy Preserving Distributed EM Algorithm for Model-Based Clustering. , 2017, , .		7
122	Whole-volume clustering of time series data from zebrafish brain calcium images via mixture modeling. <i>Statistical Analysis and Data Mining</i> , 2018, 11, 5-16.	2.8	7
123	Randomized mixture models for probability density approximation and estimation. <i>Information Sciences</i> , 2018, 467, 135-148.	6.9	7
124	An overview of skew distributions in model-based clustering. <i>Journal of Multivariate Analysis</i> , 2022, 188, 104853.	1.0	7
125	Asymptotic relative efficiency of the linear discriminant function under partial nonrandom classification of the training data. <i>Journal of Statistical Computation and Simulation</i> , 1995, 52, 415-426.	1.2	6
126	Two-component Poisson mixture regression modelling of count data with bivariate random effects. <i>Mathematical and Computer Modelling</i> , 2007, 46, 1468-1476.	2.0	6

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127	A Simple Parallel EM Algorithm for Statistical Learning via Mixture Models. , 2016, , .		6
128	Partial identification in the statistical matching problem. Computational Statistics and Data Analysis, 2016, 104, 79-90.	1.2	6
129	Multilevel model with random effects for clustered survival data with multiple failure outcomes. Statistics in Medicine, 2019, 38, 1036-1055.	1.6	6
130	An apparent paradox: a classifier based on a partially classified sample may have smaller expected error rate than that if the sample were completely classified. Statistics and Computing, 2020, 30, 1779-1790.	1.5	6
131	Mixtures of factor analyzers with scale mixtures of fundamental skew normal distributions. Advances in Data Analysis and Classification, 2021, 15, 481-512.	1.4	6
132	Cluster analysis in a randomized complete block design. Communications in Statistics - Theory and Methods, 1985, 14, 451-463.	1.0	5
133	Further results on discrimination with autocorrelated observations. Pattern Recognition, 1988, 21, 69-72.	8.1	5
134	Bivariate mixture modeling of transferrin saturation and serum ferritin concentration in Asians, African Americans, Hispanics, and whites in the Hemochromatosis and Iron Overload Screening (HEIRS) Study. Translational Research, 2008, 151, 97-109.	5.0	5
135	Extensions of the EM Algorithm. , 0, , 159-218.		5
136	On a general method for matrix factorisation applied to supervised classification. , 2009, , .		5
137	TOP-10 DATA MINING CASE STUDIES. International Journal of Information Technology and Decision Making, 2012, 11, 389-400.	3.9	5
138	Penalized Principal Component Analysis of Microarray Data. Lecture Notes in Computer Science, 2010, , 82-96.	1.3	5
139	Bias associated with the discriminant analysis approach to the estimation of mixing proportions. Pattern Recognition, 1989, 22, 763-766.	8.1	4
140	Patient-specific analysis of sequential haematological data by multiple linear regression and mixture distribution modelling. , 2000, 19, 83-98.		4
141	ML Fitting of Mixture Models. Wiley Series in Probability and Statistics, 2005, , 40-80.	0.0	4
142	MIXTURE MODELS FOR DETECTING DIFFERENTIALLY EXPRESSED GENES IN MICROARRAYS. International Journal of Neural Systems, 2006, 16, 353-362.	5.2	4
143	Wallace's Approach to Unsupervised Learning: The Snob Program. Computer Journal, 2008, 51, 571-578.	2.4	4
144	PPeM: Privacy-preserving EM learning for mixture models. Concurrency Computation Practice and Experience, 2019, 31, e5208.	2.2	4

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145	Robust clustering based on finite mixture of multivariate fragmental distributions. <i>Statistical Modelling</i> , 2023, 23, 247-272.	1.1	4
146	The errors of allocation and their estimators in the two-population discrimination problem. <i>Bulletin of the Australian Mathematical Society</i> , 1973, 9, 149-150.	0.5	3
147	An algorithm for the likelihood ratio test of one versus two components in a normal mixture model fitted to grouped and truncated data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 1995, 24, 965-985.	1.2	3
148	Assessing the Number of Components in Mixture Models. <i>Wiley Series in Probability and Statistics</i> , 2005, , 175-220.	0.0	3
149	Use of Mixture Models in Multiple Hypothesis Testing with Applications in Bioinformatics. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2010, , 177-184.	0.2	3
150	Assessing the adequacy of Weibull survival models: a simulated envelope approach. <i>Journal of Applied Statistics</i> , 2011, 38, 2089-2097.	1.3	3
151	Asymptotic inference for hidden process regression models. , 2014, , .		3
152	Mixture of Time-Dependent Growth Models with an Application to Blue Swimmer Crab Length-Frequency Data. <i>Biometrics</i> , 2016, 72, 1255-1265.	1.4	3
153	Application of Mixture Models to Large Datasets. , 2016, , 57-74.		3
154	Progress on a conjecture regarding the triangular distribution. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 11261-11271.	1.0	3
155	Application of Multiple Imputation for Missing Values in Three-Way Three-Mode Multi-Environment Trial Data. <i>PLoS ONE</i> , 2015, 10, e0144370.	2.5	3
156	Constrained mixture models in competing risks problems. <i>Environmetrics</i> , 1999, 10, 753-767.	1.4	2
157	Identifying fiber bundles with regularised к-means clustering applied to the grid-based data. , 2010, , .		2
158	Testing for Group Structure in High-Dimensional Data. <i>Journal of Biopharmaceutical Statistics</i> , 2011, 21, 1113-1125.	0.8	2
159	CLASSIFICATION OF HIGH-DIMENSIONAL MICROARRAY DATA WITH A TWO-STEP PROCEDURE VIA A WILCOXON CRITERION AND MULTILAYER PERCEPTRON. <i>International Journal of Computational Intelligence and Applications</i> , 2011, 10, 1-14.	0.8	2
160	Clustering of Gene Expression Data Via Normal Mixture Models. <i>Methods in Molecular Biology</i> , 2013, 972, 103-119.	0.9	2
161	Linear mixed models with marginally symmetric nonparametric random effects. <i>Computational Statistics and Data Analysis</i> , 2016, 103, 151-169.	1.2	2
162	Skew-normal generalized spatial panel data model. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2021, 50, 3286-3314.	1.2	2

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163	On formulations of skew factor models: Skew factors and/or skew errors. <i>Statistics and Probability Letters</i> , 2021, 168, 108935.	0.7	2
164	Statistical Evaluation of Labeled Comparative Profiling Proteomics Experiments Using Permutation Test. <i>Methods in Molecular Biology</i> , 2017, 1549, 109-117.	0.9	2
165	Clustering of High-Dimensional and Correlated Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2010, , 3-11.	0.2	2
166	Private Distributed Three-Party Learning of Gaussian Mixture Models. <i>Communications in Computer and Information Science</i> , 2017, , 75-87.	0.5	2
167	Joint frailty modeling of time-to-event data to elicit the evolution pathway of events: a generalized linear mixed model approach. <i>Biostatistics</i> , 2022, 24, 108-123.	1.5	2
168	Statistical Analysis on Microarray Data: Selection of Gene Prognosis Signatures. , 2009, , 55-76.		2
169	Approximation of probability density functions via location-scale finite mixtures in Lebesgue spaces. <i>Communications in Statistics - Theory and Methods</i> , 0, , 1-12.	1.0	2
170	Basic Theory of the EM Algorithm. , 0, , 77-103.		1
171	A comparative study of two matrix factorization methods applied to the classification of gene expression data. , 2010, , .		1
172	Spatial False Discovery Rate Control for Magnetic Resonance Imaging Studies. , 2013, , .		1
173	Computation: Expectation-Maximization Algorithm. , 2015, , 469-474.		1
174	A Block Minorizationâ€“Maximization Algorithm for Heteroscedastic Regression. <i>IEEE Signal Processing Letters</i> , 2016, 23, 1131-1135.	3.6	1
175	Stream-suitable optimization algorithms for some soft-margin support vector machine variants. <i>Japanese Journal of Statistics and Data Science</i> , 2018, 1, 81-108.	1.2	1
176	Chunked-and-averaged estimators for vector parameters. <i>Statistics and Probability Letters</i> , 2018, 137, 336-342.	0.7	1
177	Skew-normal Bayesian spatial heterogeneity panel data models. <i>Journal of Applied Statistics</i> , 2020, 47, 804-826.	1.3	1
178	Estimation of Classification Rules Fromâ€“Partially Classified Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2021, , 149-157.	0.2	1
179	On the Identification of Correlated Differential Features for Supervised Classification of High-Dimensional Data. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2017, , 43-57.	0.2	1
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