Biao Zhang

List of Publications by Year
in descending order

42 papers	513 citations	759233 12 h-index	677142 22 g-index
42 all docs	42 docs citations	42 times ranked	283 citing authors

#	ARTICLE	IF	CITATIONS
1	Projection‐Based Inference in Randomised Clinical Trials. International Statistical Review, 2019, 87, 263-284.	1.9	0
2	Constrained empirical‐likelihood confidence regions in nonignorable covariate‐missing data problems. Statistics in Medicine, 2019, 38, 452-479.	1.6	3
3	Empirical likelihood inference in randomized clinical trials. Statistical Methods in Medical Research, 2018, 27, 3770-3784.	1.5	1
4	Efficient Augmented Inverse Probability Weighted Estimation in Missing Data Problems. Journal of Business and Economic Statistics, 2017, 35, 86-97.	2.9	17
5	Empirical Likelihood in Nonignorable Covariate-Missing Data Problems. International Journal of Biostatistics, 2017, 13, .	0.7	4
6	Using logistic regression for semiparametric comparison of population means and variances. Communications in Statistics - Theory and Methods, 2016, 45, 2485-2503.	1.0	2
7	An alternative empirical likelihood method in missing response problems and causal inference. Statistics in Medicine, 2016, 35, 5009-5028.	1.6	3
8	Doubly robust empirical likelihood inference in covariate-missing data problems. Statistics, 2016, 50, 1173-1194.	0.6	0
9	Empirical Likelihood in Causal Inference. Econometric Reviews, 2016, 35, 201-231.	1.1	5
10	Efficient and doubly robust estimation in covariate-missing data problems. Journal of Statistics and Management Systems, 2015, 18, 213-250.	0.6	1
11	Enriching Surveys with Supplementary Data and its Application to Studying Wage Regression. Scandinavian Journal of Statistics, 2015, 42, 155-179.	1.4	0
12	Empirical Likelihood Confidence Intervals for the Difference of Areas Under Two Correlated ROC Curves. Journal of Statistical Theory and Practice, 2014, 8, 482-508.	0.5	2
13	Semiparametric empirical likelihood confidence intervals for AUC under a density ratio model. Computational Statistics and Data Analysis, 2014, 70, 101-115.	1.2	4
14	Semiparametric ROC surface estimation for continuous diagnostic tests via polytomous logistic regression procedures. Journal of Statistical Computation and Simulation, 2013, 83, 2195-2205.	1.2	2
15	Information borrowing methods for covariate‐adjusted ROC curve. Canadian Journal of Statistics, 2012, 40, 569-587.	0.9	4
16	A Goodness-of-Fit Test for Logistic Regression Models in Stratified Case-Control Studies via Empirical Likelihood. Communications in Statistics - Theory and Methods, 2011, 40, 3988-4000.	1.0	1
17	Optimal estimating functions in incomplete data and length biased sampling data problems. Canadian Journal of Statistics, 2011, 39, 510-518.	0.9	1
18	Best combination of multiple diagnostic tests for screening purposes. Statistics in Medicine, 2010, 29, 2905-2919.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Empirical Likelihood in Missing Data Problems. Journal of the American Statistical Association, 2009, 104, 1492-1503.	3.1	58
20	Semiparametric ROC surfaces for continuous diagnostic tests based on two test measurements. Statistics in Medicine, 2009, 28, 2370-2383.	1.6	3
21	An Improved Goodness-of-Fit Test for Logistic Regression Models Based on Case-Control Data by Random Partition. Communications in Statistics Part B: Simulation and Computation, 2009, 38, 233-243.	1.2	7
22	Comparing correlated ROC curves for continuous diagnostic tests under density ratio models. Computational Statistics and Data Analysis, 2008, 53, 233-245.	1.2	9
23	Efficient and Doubly Robust Imputation for Covariate-Dependent Missing Responses. Journal of the American Statistical Association, 2008, 103, 797-810.	3.1	52
24	Constrained Maximum Likelihood Estimation under Logistic Regression Models Based on Case-Control Data. Journal of Statistical Theory and Practice, 2008, 2, 369-383.	0.5	0
25	Smooth semiparametric receiver operating characteristic curves for continuous diagnostic tests. Statistics in Medicine, 2007, 26, 2565-2586.	1.6	29
26	Empirical-likelihood-based inference in missing response problems and its application in observational studies. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2007, 69, 101.	2.2	101
27	A score test under logistic regression models based on case?control data. Statistica Neerlandica, 2006, 60, 477-496.	1.6	1
28	A semiparametric hypothesis testing procedure for the ROC curve area under a density ratio model. Computational Statistics and Data Analysis, 2006, 50, 1855-1876.	1.2	10
29	Prospective and retrospective analyses under logistic regression models. Journal of Multivariate Analysis, 2006, 97, 211-230.	1.0	10
30	A Partial Empirical Likelihood Based Score Test Under a Semiparametric Finite Mixture Model. Annals of the Institute of Statistical Mathematics, 2006, 58, 707-719.	0.8	0
31	A score test under a semiparametric finite mixture model. Journal of Statistical Computation and Simulation, 2006, 76, 691-703.	1.2	1
32	Density estimation under a two-sample semiparametric model. Journal of Nonparametric Statistics, 2005, 17, 665-683.	0.9	12
33	Assessing goodness-of-fit of categorical regression models based on case-control data. Australian and New Zealand Journal of Statistics, 2004, 46, 407-423.	0.9	2
34	Using logistic regression procedures for estimating receiver operating characteristic curves. Biometrika, 2003, 90, 585-596.	2.4	58
35	An em algorithm for a semiparametric finite mixture model. Journal of Statistical Computation and Simulation, 2002, 72, 791-802.	1.2	12
36	Estimating the treatment effect in the two-sample problem with auxiliary information. Journal of Nonparametric Statistics, 2000, 12, 377-389.	0.9	8

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37	M-estimation Under a Two-Sample Semiparametric Model. Scandinavian Journal of Statistics, 2000, 27, 263-280.	1.4	8
38	Quantile Estimation under a Two-Sample Semi-Parametric Model. Bernoulli, 2000, 6, 491.	1.3	30
39	Quantile Processes in the Presence of Auxiliary Information. Annals of the Institute of Statistical Mathematics, 1997, 49, 35-55.	0.8	13
40	Estimating a distribution function in the presence of auxiliary information. Metrika, 1997, 46, 221-244.	0.8	13
41	On the accuracy of empirical likelihood confidence intervals for M-Functionals. Journal of Nonparametric Statistics, 1996, 6, 311-321.	0.9	8
42	Some asymptotic results for the residual maximum likelihood estimation of the parameters of a spatial process. Communications in Statistics - Theory and Methods, 1994, 23, 1617-1649.	1.0	0