Tyler H Mccormick

List of Publications by Year
in descending order

39 papers	1,330 citations	516710 16 h-index	414414 32 g-index
41 all docs	41 docs citations	41 times ranked	1370 citing authors

#	Article	IF	Citations
1	Anomaly Detection in Large-Scale Networks With Latent Space Models. Technometrics, 2022, 64, 241-252.	1.9	8
2	Adapting and validating the log quadratic model to derive under-five age- and cause-specific mortality (U5ACSM): a preliminary analysis. Population Health Metrics, 2022, 20, 3.	2.7	1
3	A flexible Bayesian framework to estimate age- and cause-specific child mortality over time from sample registration data. Annals of Applied Statistics, 2022, 16, .	1.1	0
4	Quantifying heterogeneity in SARS-CoV-2 transmission during the lockdown in India. Epidemics, 2021, 36, 100477.	3.0	7
5	Modeling the social media relationships of Irish politicians using a generalized latent space stochastic blockmodel. Annals of Applied Statistics, 2021, 15, .	1.1	3
6	Methods for correcting inference based on outcomes predicted by machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30266-30275.	7.1	28
7	Non-confirming replication of â€œPerformance of InSilicoVA for assigning causes of death to verbal autopsies: multisite validation study using clinical diagnostic gold standards,â€• by Flaxman et al.. BMC Medicine, 2020, 18, 69.	5.5	2
8	Consistency for the tree bootstrap in respondent-driven sampling. Biometrika, 2020, 107, 497-504.	2.4	0
9	Using Aggregated Relational Data to Feasibly Identify Network Structure without Network Data. American Economic Review, 2020, 110, 2454-2484.	8.5	49
10	Bayesian factor models for probabilistic cause of death assessment with verbal autopsies. Annals of Applied Statistics, 2020, 14, 241-256.	1.1	5
11	Multiresolution Network Models. Journal of Computational and Graphical Statistics, 2019, 28, 185-196.	1.7	12
12	Introducing Bayesian Analysis With m&m's^{Â®}: An Active-Learning Exercise for Undergraduates. Journal of Statistics Education, 2019, 27, 60-67.	1.4	11
13	Automated versus physician assignment of cause of death for verbal autopsies: randomized trial of 9374 deaths in 117 villages in India. BMC Medicine, 2019, 17, 116.	5.5	16
14	An Expectation Conditional Maximization Approach for Gaussian Graphical Models. Journal of Computational and Graphical Statistics, 2019, 28, 767-777.	1.7	11
15	Beyond Prediction: A Framework for Inference With Variational Approximations in Mixture Models. Journal of Computational and Graphical Statistics, 2019, 28, 778-789.	1.7	9
16	Modeling recovery curves with application to prostatectomy. Biostatistics, 2019, 20, 549-564.	1.5	4
17	Bayesian Joint Spike-and-Slab Graphical Lasso. Proceedings of Machine Learning Research, 2019, 97, 3877-3885.	0.3	1
18	Inferring social structure from continuousâ€time interaction data. Applied Stochastic Models in Business and Industry, 2018, 34, 87-104.	1.5	0

#	Article	IF	Citations
19	Rejoinder to â€œInferring social structure from continuousâ€time interaction dataâ€. Applied Stochastic Models in Business and Industry, 2018, 34, 110-112.	1.5	0
20	Promises and Pitfalls of Using Digital Traces for Demographic Research. Demography, 2018, 55, 1979-1999.	2.5	66
21	Using Twitter for Demographic and Social Science Research: Tools for Data Collection and Processing. Sociological Methods and Research, 2017, 46, 390-421.	6.8	140
22	Latent space models for multiview network data. Annals of Applied Statistics, 2017, 11, 1217-1244.	1.1	26
23	Estimating uncertainty in respondent-driven sampling using a tree bootstrap method. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14668-14673.	7.1	31
24	Probabilistic Cause-of-Death Assignment Using Verbal Autopsies. Journal of the American Statistical Association, 2016, 111, 1036-1049.	3.1	77
25	#Proana: Pro-Eating Disorder Socialization on Twitter. Journal of Adolescent Health, 2016, 58, 659-664.	2.5	83
26	RACIAL INEQUALITIES IN CONNECTEDNESS TO IMPRISONED INDIVIDUALS IN THE UNITED STATES. Du Bois Review, 2015, 12, 269-282.	0.6	96
27	Estimating population size using the network scale up method. Annals of Applied Statistics, 2015, 9, 1247-1277.	1.1	36
28	Latent Surface Models for Networks Using Aggregated Relational Data. Journal of the American Statistical Association, 2015, 110, 1684-1695.	3.1	28
29	Big data, big results: Knowledge discovery in output from largeâ€scale analytics. Statistical Analysis and Data Mining, 2014, 7, 404-412.	2.8	13
30	Analytics for Power Grid Distribution Reliability in New York City. Interfaces, 2014, 44, 364-383.	1.5	19
31	A Practical Guide to Measuring Social Structure Using Indirectly Observed Network Data. Journal of Statistical Theory and Practice, 2013, 7, 120-132.	0.5	59
32	Latent demographic profile estimation in hard-to-reach groups. Annals of Applied Statistics, 2012, 6, 1795-1813.	1.1	8
33	Dynamic Logistic Regression and Dynamic Model Averaging for Binary Classification. Biometrics, 2012, 68, 23-30.	1.4	55
34	Surveying Hard-to-Reach Groups Through Sampled Respondents in a Social Network. Statistics in Biosciences, 2012, 4, 177-195.	1.2	4
35	Segregation in Social Networks Based on Acquaintanceship and Trust. American Journal of Sociology, 2011, 116, 1234-1283.	0.5	230
36	How Many People Do You Know?: Efficiently Estimating Personal Network Size. Journal of the American Statistical Association, 2010, 105, 59-70.	3.1	168

#	Article	IF	Citations
37	Network-based methods for accessing hard-to-survey populations using standard surveys. , 0, , 485-502.		1
38	A Hierarchical Model for Association Rule Mining of Sequential Events: An Approach to Automated Medical Symptom Prediction. SSRN Electronic Journal, 0, , .	0.4	17
39	Regression of exchangeable relational arrays. Biometrika, 0, , .	2.4	0