Benjamin Reiser

List of Publications by Year
in descending order

74 papers	4,105 citations	172457 29 h-index	118850 62 g-index
78 all docs	78 docs citations	78 times ranked	5925 citing authors

#	Article	IF	Citations
1	Estimation of the Youden Index and its Associated Cutoff Point. Biometrical Journal, 2005, 47, 458-472.	1.0	1,754
2	Estimation of the area under the ROC curve. Statistics in Medicine, 2002, 21, 3093-3106.	1.6	338
3	Construction of confidence regions in the ROC space after the estimation of the optimal Youden index–based cut–off point. Biometrics, 2014, 70, 212-223.	1.4	110
4	Youden Index and the optimal threshold for markers with mass at zero. Statistics in Medicine, 2008, 27, 297-315.	1.6	95
5	Statistical Inference for Pr(Y < X): The Normal Case. Technometrics, 1986, 28, 253.	1.9	90
6	Statistical Inference for the Area under the Receiver Operating Characteristic Curve in the Presence of Random Measurement Error. American Journal of Epidemiology, 2001, 154, 174-179.	3.4	89
7	Comparing the Areas Under Two Correlated ROC Curves: Parametric and Non-Parametric Approaches. Biometrical Journal, 2006, 48, 745-757.	1.0	87
8	Measuring the effectiveness of diagnostic markers in the presence of measurement error through the use of ROC curves. Statistics in Medicine, 2000, 19, 2115-2129.	1.6	79
9	Statistical Inference for Pr(Y<X): The Normal Case. Technometrics, 1986, 28, 253-257.	1.9	74
10	GRAIN FILLING PERIOD AND GRAIN YIELD RELATIONSHIPS IN SPRING WHEAT. Canadian Journal of Plant Science, 1975, 55, 673-678.	0.9	70
11	Alternative Estimation Procedures for Pr(X < Y) in Categorized Data. Biometrics, 1986, 42, 895.	1.4	58
12	ROC curve analysis for biomarkers based on pooled assessments. Statistics in Medicine, 2003, 22, 2515-2527.	1.6	55
13	Incorporating zero values in the economic valuation of environmental program benefits. , 1999, 10, 87-101.		54
14	Dependent masking and system life data analysis: Bayesian inference for two-component systems. Lifetime Data Analysis, 1995, 1, 87-100.	0.9	53
15	Survival with competing risks and masked causes of failures. Biometrika, 1998, 85, 151-164.	2.4	53
16	A probabilistic method for the evaluation of coupling between transmission lines. IEEE Transactions on Electromagnetic Compatibility, 1993, 35, 387-393.	2.2	51
17	Confidence Intervals for the Generalized ROC Criterion. Biometrics, 1997, 53, 644.	1.4	51
18	Bayesian inference for the power law process. Annals of the Institute of Statistical Mathematics, 1992, 44, 623-639.	0.8	50

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19	Adjusting the generalized ROC curve for covariates. Statistics in Medicine, 2004, 23, 3319-3331.	1.6	50
20	Confidence Intervals for the Overlapping Coefficient: the Normal Equal Variance Case. Journal of the Royal Statistical Society: Series D (the Statistician), 1999, 48, 413-418.	0.2	48
21	Title is missing!. European Journal of Cardiovascular Prevention and Rehabilitation, 2001, 8, 219-225.	1.5	47
22	mROC: a computer program for combining tumour markers in predicting disease states. Computer Methods and Programs in Biomedicine, 2001, 66, 199-207.	4.7	47
23	Confidence intervals for the 50 per cent response dose. Statistics in Medicine, 2003, 22, 1977-1988.	1.6	42
24	TBARS and Cardiovascular Disease in a Population-Based Sample. European Journal of Cardiovascular Prevention and Rehabilitation, 2001, 8, 219-225.	2.8	40
25	Parametric modeling for survival with competing risks and masked failure causes. Lifetime Data Analysis, 2002, 8, 177-203.	0.9	38
26	High prevalence of childhood asthma in Northern Israel is linked to air pollution by particulate matter: evidence from GIS analysis and Bayesian Model Averaging. International Journal of Environmental Health Research, 2012, 22, 249-269.	2.7	36
27	Criticality of predictors in multiple regression. British Journal of Mathematical and Statistical Psychology, 2001, 54, 201-225.	1.4	35
28	Inference for the Dependent Competing Risks Model with Masked Causes of Failure. Lifetime Data Analysis, 2006, 12, 21-33.	0.9	35
29	Cognitive Knowledge Decline after Advanced Trauma Life Support Courses. Arteriosclerosis, Thrombosis, and Vascular Biology, 1998, 44, 513-516.	2.4	33
30	CONFIDENCE INTERVALS FOR THE MAHALANOBIS DISTANCE. Communications in Statistics Part B: Simulation and Computation, 2001, 30, 37-45.	1.2	31
31	Estimation of the ROC Curve under Verification Bias. Biometrical Journal, 2009, 51, 475-490.	1.0	30
32	An Exponential Subfamily which Admits UMPU Tests Based on a Single Test Statistic. Annals of Statistics, 1982, 10, 979.	2.6	29
33	Title is missing!. Environmental and Resource Economics, 1998, 12, 457-478.	3.2	28
34	ROC analysis for markers with mass at zero. Statistics in Medicine, 2006, 25, 623-638.	1.6	28
35	A comparison of three point estimators for $P(Y < X)$ in the normal case. Computational Statistics and Data Analysis, 1987, 5, 59-66.	1.2	24
36	Construction of confidence intervals for the maximum of the Youden index and the corresponding cutoff point of a continuous biomarker. Biometrical Journal, 2019, 61, 138-156.	1.0	24

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37	Inference About Defects in the Presence of Masking. Technometrics, 1996, 38, 247-255.	1.9	21
38	Estimation of distribution functions in measurement error models. Journal of Statistical Planning and Inference, 2013, 143, 479-493.	0.6	20
39	Estimating component-defect probability from masked system success/failure data. IEEE Transactions on Reliability, 1996, 45, 238-243.	4.6	19
40	Construction of joint confidence regions for the optimal true class fractions of Receiver Operating Characteristic (ROC) surfaces and manifolds. Statistical Methods in Medical Research, 2017, 26, 1429-1442.	1.5	17
41	Misclassification in Logistic Regression with Discrete Covariates. Biometrical Journal, 2003, 45, 541-553.	1.0	14
42	On asymptotic ancillarity and inference for Yule and regular nonergodic processes. Biometrika, 1979, 66, 279-283.	2.4	13
43	Inference about Defects in the Presence of Masking. Technometrics, 1996, 38, 247.	1.9	13
44	Interrelations of arthropods and microorganisms in damp bulk stored wheat—A multivariate study. Researches on Population Ecology, 1979, 21, 40-67.	0.9	12
45	The accumulated experience of the Israeli advanced trauma life support program. Journal of the American College of Surgeons, 1997, 185, 8-12.	0.5	12
46	Confidence intervals for differences between volumes under receiver operating characteristic surfaces (VUS) and generalized Youden indices (GYIs). Statistical Methods in Medical Research, 2018, 27, 675-688.	1.5	12
47	Estimating $Pr(X < Y)$ in Categorized Data using "ROC" Analysis. Biometrics, 1988, 44, 615.	1.4	11
48	Confidence Bounds for $Pr(a'x > b'y)$. Statistics, 1994, 25, 107-111.	0.6	10
49	A comment on Buehler optimal confidence bounds for series systems reliability. Statistics and Probability Letters, 1991, 11, 65-67.	0.7	7
50	Ch. 18. Statistical analysis for masked data. Handbook of Statistics, 2001, , 499-522.	0.6	7
51	Nonparametric covariate adjustment for receiver operating characteristic curves. Canadian Journal of Statistics, 2010, 38, 27-46.	0.9	7
52	Sample size choice for reliability verification in strength-stress models. Canadian Journal of Statistics, 1989, 17, 253-259.	0.9	6
53	Does Gibrat's law for cities hold when location counts?. Annals of Regional Science, 2012, 48, 151-178.	2.1	6
54	Dynamic Treatment Allocation Adjusting for Prognostic Factors for More Than Two Treatments. Biometrics, 1995, 51, 1338.	1.4	5

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55	Adjusting ROC curves for covariates in the presence of verification bias. Journal of Statistical Planning and Inference, 2012, 142, 1-11.	0.6	5
56	Editorial for the special issue of â€œStatistical Methods in Medical Researchâ€•on â€œAdvanced ROC analysisâ€• Statistical Methods in Medical Research, 2018, 27, 649-650.	1.5	5
57	A remark on Ichikawa's upper bound of probability of failure. Reliability Engineering, 1985, 13, 181-183.	0.3	4
58	There is no such thing as a free lunch: A comment on a new method for reliability demonstration. Reliability Engineering, 1985, 13, 175-180.	0.3	3
59	A general scheme for sequential treatment allocation with balancing for prognostic factors in clinical trials. Communications in Statistics Part B: Simulation and Computation, 1991, 20, 243-253.	1.2	3
60	Inference on the overlap coefficient: The binormal approach and alternatives. Statistical Methods in Medical Research, 2021, 30, 2672-2684.	1.5	3
61	Inference in receiver operating characteristic surface analysis via a trinormal modelâ€‒based testing approach. Stat, 2019, 8, e249.	0.4	2
62	Statistical inference for the difference between two maximized Youden indices obtained from correlated biomarkers. Biometrical Journal, 2021, 63, 1241-1253.	1.0	2
63	Incorporating zero values in the economic valuation of environmental program benefits. Environmetrics, 1999, 10, 87-101.	1.4	2
64	Structural inference for linear regression with autocorrelated errors. Statistische Hefte, 1975, 16, 85-104.	0.4	1
65	Likelihood Inference for Life Test Data. IEEE Transactions on Reliability, 1979, R-28, 38-43.	4.6	1
66	Choice of sample size for testing the $P(X>Y)$. Communications in Statistics - Theory and Methods, 1992, 21, 559-569.	1.0	1
67	Incorporating Prior Beliefs in Treatment Allocation for Clinical Trials. Biometrical Journal, 1993, 35, 143-149.	1.0	1
68	Incorporating Zero Responses in the Analysis of CVM Valuations. SSRN Electronic Journal, 1998, , .	0.4	1
69	On confidence intervals for nonmonotone parametric functions and an application to the squared mean of the normal distribution. Statistical Papers, 1999, 40, 89-98.	1.2	1
70	Upper bounds for coverage probabilities of confidence intervals for nonmonotone parametric functions. Journal of Statistical Planning and Inference, 2000, 89, 109-118.	0.6	1
71	Another look at statistical inference for stochastic processes. Advances in Applied Probability, 1979, 11, 301-301.	0.7	0
72	Discussion of â€˜failure probability evaluation for normally distributed load-strength model with unknown parametersâ€™ by K. Yang, vol. 51 (1996) 115â€“118. Reliability Engineering and System Safety, 1997, 56, 95.	8.9	0

#	ARTICLE	IF	CITATIONS
73	Statistical inference for masked data. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 4425-4432.	1.1	0
74	On â€˜Efficient statistical tests to compare Youden index: accounting for contingency correlationâ€™. Statistics in Medicine, 2016, 35, 635-636.	1.6	0