

Jean D Opsomer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11945961/publications.pdf>

Version: 2024-02-01

31
papers

1,211
citations

516710

16
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Fitting a bivariate additive model by local polynomial regression. <i>Annals of Statistics</i> , 1997, 25, 186.	2.6	228
2	Methane Emissions from the Natural Gas Transmission and Storage System in the United States. <i>Environmental Science & Technology</i> , 2015, 49, 9374-9383.	10.0	143
3	Local polynomial regression estimators in survey sampling. <i>Annals of Statistics</i> , 2000, 28, 1026.	2.6	140
4	Asymptotic Properties of Backfitting Estimators. <i>Journal of Multivariate Analysis</i> , 2000, 73, 166-179.	1.0	117
5	Model-Assisted Estimation of Forest Resources With Generalized Additive Models. <i>Journal of the American Statistical Association</i> , 2007, 102, 400-409.	3.1	89
6	Model-Assisted Survey Estimation with Modern Prediction Techniques. <i>Statistical Science</i> , 2017, 32, .	2.8	74
7	A Root- n Consistent Backfitting Estimator for Semiparametric Additive Modeling. <i>Journal of Computational and Graphical Statistics</i> , 1999, 8, 715-732.	1.7	58
8	A Fully Automated Bandwidth Selection Method for Fitting Additive Models. <i>Journal of the American Statistical Association</i> , 1998, 93, 605-619.	3.1	57
9	A Root- n Consistent Backfitting Estimator for Semiparametric Additive Modeling. <i>Journal of Computational and Graphical Statistics</i> , 1999, 8, 715.	1.7	52
10	Smoothing parameter selection methods for nonparametric regression with spatially correlated errors. <i>Canadian Journal of Statistics</i> , 2005, 33, 279-295.	0.9	42
11	Endogenous post-stratification in surveys: Classifying with a sample-fitted model. <i>Annals of Statistics</i> , 2008, 36, .	2.6	35
12	An Evaluation of the U.S. Department of Agriculture Food Security Measure with Generalized Linear Mixed Models. <i>Journal of Nutrition</i> , 2003, 133, 421-427.	2.9	26
13	Model-Based Nonparametric Variance Estimation for Systematic Sampling. <i>Scandinavian Journal of Statistics</i> , 2012, 39, 528-542.	1.4	19
14	A kernel smoothing method of adjusting for unit nonresponse in sample surveys. <i>Canadian Journal of Statistics</i> , 2006, 34, 563-579.	0.9	17
15	Accurate Confidence Interval Estimation of Small Area Parameters Under the Fay-Herriot Model. <i>Scandinavian Journal of Statistics</i> , 2014, 41, 497-515.	1.4	17
16	A Fully Automated Bandwidth Selection Method for Fitting Additive Models. <i>Journal of the American Statistical Association</i> , 1998, 93, 605.	3.1	17
17	Penalized isotonic regression. <i>Journal of Statistical Planning and Inference</i> , 2015, 161, 12-24.	0.6	16
18	Estimating Distribution Functions from Survey Data Using Nonparametric Regression. <i>Journal of Statistical Theory and Practice</i> , 2008, 2, 419-431.	0.5	11

#	ARTICLE	IF	CITATIONS
19	Nonparametric Variance Estimation Under Fine Stratification: An Alternative to Collapsed Strata. Journal of the American Statistical Association, 2016, 111, 822-833.	3.1	9
20	Generating Health Estimates by Zip Code: A Semiparametric Small Area Estimation Approach Using the California Health Interview Survey. American Journal of Public Health, 2015, 105, 2534-2540.	2.7	7
21	Successive Difference Replication Variance Estimation in Two-Phase Sampling. Journal of Survey Statistics and Methodology, 2016, 4, 43-70.	1.2	6
22	Survey estimation of domain means that respect natural orderings. Canadian Journal of Statistics, 2016, 44, 431-444.	0.9	5
23	A goodness-of-fit test for regression models with spatially correlated errors. Test, 2020, 29, 728-749.	1.1	5
24	Constrained spline regression in the presence of AR(p) errors. Journal of Nonparametric Statistics, 2013, 25, 809-827.	0.9	4
25	Hierarchical Bayesian small area estimation for circular data. Canadian Journal of Statistics, 2016, 44, 416-430.	0.9	4
26	A bridging model to reconcile statistics based on data from multiple surveys. Annals of Applied Statistics, 2021, 15, .	1.1	3
27	Local polynomial regression with an ordinal covariate. Journal of Nonparametric Statistics, 2015, 27, 516-531.	0.9	2
28	Checking validity of monotone domain mean estimators. Canadian Journal of Statistics, 2019, 47, 315-331.	0.9	1
29	Variational Approximations for Selecting Hierarchical Models of Circular Data in a Small Area Estimation Application. Statistics in Transition, 2016, 17, 91-104.	0.2	1
30	Foreword to the special issue on "Advances in Survey Statistics". Metron, 2017, 75, 245-247.	1.2	0
31	Improved variance estimation for inequality-constrained domain mean estimators using survey data. Journal of Statistical Planning and Inference, 2021, 215, 47-71.	0.6	0