Yves TillÃ©

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7614459/publications.pdf

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60	1,108	567281 15	434195 31
papers	citations	h-index	g-index

62	62	62	563
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient balanced sampling: The cube method. Biometrika, 2004, 91, 893-912.	2.4	183
2	Unequal probability sampling without replacement through a splitting method. Biometrika, 1998, 85, 89-101.	2.4	99
3	Doubly balanced spatial sampling with spreading and restitution of auxiliary totals. Environmetrics, 2013, 24, 120-131.	1.4	85
4	A Direct Bootstrap Method for Complex Sampling Designs From a Finite Population. Journal of the American Statistical Association, 2011, 106, 534-543.	3.1	67
5	Variance approximation under balanced sampling. Journal of Statistical Planning and Inference, 2005, 128, 569-591.	0.6	52
6	Variance Estimation of the Gini Index: Revisiting a Result Several Times Published. Journal of the Royal Statistical Society Series A: Statistics in Society, 2013, 176, 521-540.	1.1	47
7	Measuring the spatial balance of a sample: A new measure based on Moranâ€™s<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml53" display="inline" overflow="scroll" altimg="si53.gif"><mml:mi>I</mml:mi></mml:math>index. Spatial Statistics, 2018, 23, 182-192.	1.9	40
8	Probability Sampling Designs: Principles for Choice of Design and Balancing. Statistical Science, 2017, 32, .	2.8	34
9	A fast algorithm for balanced sampling. Computational Statistics, 2006, 21, 53-62.	1.5	32
10	Optimal sampling and estimation strategies under the linear model. Biometrika, 2008, 95, 521-537.	2.4	29
11	Sampling with Unequal Probabilities. Handbook of Statistics, 2009, 29, 39-54.	0.6	29
12	New tests for departures from random behavior in spatial memory experiments. Learning and Behavior, 1996, 24, 327-340.	3.4	28
13	An elimination procedure for unequal probability sampling without replacement. Biometrika, 1996, 83, 238-241.	2.4	25
14	Penalized calibration in survey sampling: Design-based estimation assisted by mixed models. Journal of Statistical Planning and Inference, 2010, 140, 3199-3212.	0.6	17
15	Towards optimal regression estimation in sample surveys. Australian and New Zealand Journal of Statistics, 2003, 45, 319-329.	0.9	16
16	Statistical inference for the quintile share ratio. Journal of Statistical Planning and Inference, 2011, 141, 2976-2985.	0.6	16
17	Estimation in Surveys Using Conditional Inclusion Probabilities: Simple Random Sampling. International Statistical Review, 1998, 66, 303-322.	1.9	15
18	Ordered spatial sampling by means of the traveling salesman problem. Computational Statistics, 2016, 31, 1359-1372.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Selection of several unequal probability samples from the same population. Journal of Statistical Planning and Inference, 2000, 86, 215-227.	0.6	14
20	Optimal allocation in balanced sampling. Statistics and Probability Letters, 2005, 74, 31-37.	0.7	14
21	Simple random sampling with over-replacement. Journal of Statistical Planning and Inference, 2011, 141, 597-601.	0.6	14
22	Histogram-Based Interpolation of the Lorenz Curve and Gini Index for Grouped Data. American Statistician, 2012, 66, 225-231.	1.6	14
23	Inference by linearization for Zengaâ€™s new inequality index: a comparison with the Gini index. Metrika, 2012, 75, 1093-1110.	0.8	14
24	Designâ€based Estimators Calibrated on Estimated Totals from Multiple Surveys. International Statistical Review, 2017, 85, 250-269.	1.9	14
25	Deville and SÃrndalâ€™s calibration: revisiting a 25-years-old successful optimization problem. Test, 2019, 28, 1033-1065.	1.1	14
26	Fast balanced sampling for highly stratified population. Computational Statistics and Data Analysis, 2014, 74, 81-94.	1.2	13
27	A new resampling method for sampling designs without replacement: the doubled half bootstrap. Computational Statistics, 2014, 29, 1345-1363.	1.5	11
28	Coordination, combination and extension of balanced samples. Biometrika, 2004, 91, 913-927.	2.4	9
29	Calibrated random imputation for qualitative data. Journal of Statistical Planning and Inference, 2005, 128, 411-425.	0.6	9
30	Incorporating spatial and operational constraints in the sampling designs for forest inventories. Environmetrics, 2015, 26, 557-570.	1.4	9
31	Complex national sampling design for long-term monitoring of protected dry grasslands in Switzerland. Environmental and Ecological Statistics, 2014, 21, 453-476.	3.5	8
32	Systematic sampling is a minimum support design. Computational Statistics and Data Analysis, 2007, 51, 5591-5602.	1.2	7
33	Sampling Procedures for Coordinating Stratified Samples: Methods Based on Microstrata. International Statistical Review, 2008, 76, 368-386.	1.9	7
34	General framework for the rotation of units in repeated survey sampling. Statistica Neerlandica, 2009, 63, 269-293.	1.6	7
35	Corrado Gini, a pioneer in balanced sampling and inequality theory. Metron, 2011, 69, 45-65.	1.2	7
36	Using past experience to optimize audit sampling design. Review of Quantitative Finance and Accounting, 2017, 49, 435-462.	1.6	7

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37	Spatial Spread Sampling Using Weakly Associated Vectors. Journal of Agricultural, Biological, and Environmental Statistics, 2020, 25, 431-451.	1.4	7
38	Size constrained unequal probability sampling with a non-integer sum of inclusion probabilities. Electronic Journal of Statistics, 2012, 6, .	0.7	5
39	Quasi-systematic sampling from a continuous population. Computational Statistics and Data Analysis, 2017, 105, 11-23.	1.2	5
40	Computational aspects of order sampling schemes. Computational Statistics and Data Analysis, 2007, 51, 3703-3717.	1.2	4
41	Small area estimation by splitting the sampling weights. Electronic Journal of Statistics, 2013, 7, .	0.7	4
42	Balancedk-nearest neighbour imputation. Statistics, 2016, 50, 1310-1331.	0.6	4
43	A general result for selecting balanced unequal probability samples from a stream. Information Processing Letters, 2019, 152, 105840.	0.6	4
44	Linearisation for Variance Estimation by Means of Sampling Indicators: Application to Nonâ€response. International Statistical Review, 2019, 87, 347-367.	1.9	4
45	Balanced Sampling. , 2011, , 81-82.		4
46	A variant of the Cox algorithm for the imputation of non-response of qualitative data. Computational Statistics and Data Analysis, 2004, 45, 709-719.	1.2	3
47	The legacy of Corrado Gini in survey sampling and inequality theory. Metron, 2016, 74, 167-176.	1.2	3
48	Gender wage inequalities in Switzerland: the public versus the private sector. Statistical Methods and Applications, 2017, 26, 293-316.	1.2	3
49	Bias-robustness and efficiency of model-based inference in survey sampling. Statistica Sinica, 2012, 22, .	0.3	3
50	Selection of balanced portfolios to track the main properties of a large market. Quantitative Finance, 2015, 15, 359-370.	1.7	2
51	Revisiting variance decomposition when independent samples intersect. Statistics and Probability Letters, 2017, 130, 71-75.	0.7	2
52	Rejoinder on: Deville and SÃrndalâ€™s calibration: revisiting a 25-year-old successful optimization problem. Test, 2019, 28, 1087-1091.	1.1	2
53	Linearization and Variance Estimation of the Bonferroni Inequality Index. Journal of the Royal Statistical Society Series A: Statistics in Society, 2021, 184, 1008-1029.	1.1	2
54	Enhanced cube implementation for highly stratified population. Japanese Journal of Statistics and Data Science, 2021, 4, 783-795.	1.2	2

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55	Estimation in Surveys Using Conditional Inclusion Probabilities: Simple Random Sampling. International Statistical Review, 1998, 66, 303.	1.9	1
56	Balancing a sample almost perfectly. Statistics and Probability Letters, 2022, 180, 109229.	0.7	1
57	Sampling Designs on Finite Populations with Spreading Control Parameters. Statistica Sinica, 2018, , .	0.3	0
58	Spatiotemporal sampling with spatial spreading and rotation of units in time. Spatial Statistics, 2022, 47, 100613.	1.9	0
59	Some Solutions Inspired by Survey Sampling Theory to Build Effective Clinical Trials. International Statistical Review, 2022, 90, 481-498.	1.9	0
60	Some Thoughts on Official Statistics and its Future (with discussion). Journal of Official Statistics, 2022, 38, 557-598.	0.4	0