

Raymond J Carroll

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5012706/publications.pdf>

Version: 2024-02-01

256
papers

16,806
citations

17440

63
h-index

23533

111
g-index

273
all docs

273
docs citations

273
times ranked

11957
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement Error in Nonlinear Models. , 0, , .		1,614
2	Transformation and Weighting in Regression. , 1988, , .		932
3	Structure of Dietary Measurement Error: Results of the OPEN Biomarker Study. American Journal of Epidemiology, 2003, 158, 14-21.	3.4	704
4	A New Statistical Method for Estimating the Usual Intake of Episodically Consumed Foods with Application to Their Distribution. Journal of the American Dietetic Association, 2006, 106, 1575-1587.	1.1	516
5	A Note on the Efficiency of Sandwich Covariance Matrix Estimation. Journal of the American Statistical Association, 2001, 96, 1387-1396.	3.1	469
6	Mohs Surgery Is the Treatment of Choice for Recurrent (Previously Treated) Basal Cell Carcinoma. The Journal of Dermatologic Surgery and Oncology, 1989, 15, 424-431.	0.8	414
7	Optimal Rates of Convergence for Deconvolving a Density. Journal of the American Statistical Association, 1988, 83, 1184-1186.	3.1	383
8	A comparison of a food frequency questionnaire with a 24-hour recall for use in an epidemiological cohort study: results from the biomarker-based Observing Protein and Energy Nutrition (OPEN) study. International Journal of Epidemiology, 2003, 32, 1054-1062.	1.9	353
9	Bias in dietary-report instruments and its implications for nutritional epidemiology. Public Health Nutrition, 2002, 5, 915-923.	2.2	330
10	Wavelet-based functional mixed models. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2006, 68, 179-199.	2.2	275
11	Estimation in a semiparametric partially linear errors-in-variables model. Annals of Statistics, 1999, 27, 1519.	2.6	266
12	Nonparametric Function Estimation for Clustered Data When the Predictor is Measured without/with Error. Journal of the American Statistical Association, 2000, 95, 520-534.	3.1	248
13	Empirical Evidence of Correlated Biases in Dietary Assessment Instruments and Its Implications. American Journal of Epidemiology, 2001, 153, 394-403.	3.4	248
14	Stochastic Approximation in Monte Carlo Computation. Journal of the American Statistical Association, 2007, 102, 305-320.	3.1	247
15	Semiparametric Regression for Clustered Data Using Generalized Estimating Equations. Journal of the American Statistical Association, 2001, 96, 1045-1056.	3.1	233
16	Approximate Quasi-likelihood Estimation in Models with Surrogate Predictors. Journal of the American Statistical Association, 1990, 85, 652-663.	3.1	230
17	Modeling Data with Excess Zeros and Measurement Error: Application to Evaluating Relationships between Episodically Consumed Foods and Health Outcomes. Biometrics, 2009, 65, 1003-1010.	1.4	229
18	Conditional scores and optimal scores for generalized linear measurement-error models. Biometrika, 1987, 74, 703-716.	2.4	227

#	ARTICLE	IF	CITATIONS
19	Robust Estimation in Heteroscedastic Linear Models. <i>Annals of Statistics</i> , 1982, 10, 429.	2.6	214
20	Adapting for Heteroscedasticity in Linear Models. <i>Annals of Statistics</i> , 1982, 10, 1224.	2.6	198
21	ON DESIGN CONSIDERATIONS AND RANDOMIZATION-BASED INFERENCE FOR COMMUNITY INTERVENTION TRIALS. <i>Statistics in Medicine</i> , 1996, 15, 1069-1092.	1.6	193
22	Semiparametric maximum likelihood estimation exploiting gene-environment independence in case-control studies. <i>Biometrika</i> , 2005, 92, 399-418.	2.4	185
23	Performance of a food-frequency questionnaire in the US NIH AARP (National Institutes of Health) Study. <i>Journal of the American Dietetic Association</i> , 2007, 107, 183-195.	2.2	179
24	Theory & Methods: Spatially Adaptive Penalties for Spline Fitting. <i>Australian and New Zealand Journal of Statistics</i> , 2000, 42, 205-223.	0.9	173
25	Taking Advantage of the Strengths of 2 Different Dietary Assessment Instruments to Improve Intake Estimates for Nutritional Epidemiology. <i>American Journal of Epidemiology</i> , 2012, 175, 340-347.	3.4	171
26	A Note on Computing Robust Regression Estimates via Iteratively Reweighted Least Squares. <i>American Statistician</i> , 1988, 42, 152-154.	1.6	169
27	Nonparametric estimation and testing of fixed effects panel data models. <i>Journal of Econometrics</i> , 2008, 144, 257-275.	6.5	166
28	Semiparametric regression during 2003-2007. <i>Electronic Journal of Statistics</i> , 2009, 3, 1193-1256.	0.7	157
29	Bayesian Smoothing and Regression Splines for Measurement Error Problems. <i>Journal of the American Statistical Association</i> , 2002, 97, 160-169.	3.1	145
30	Asymptotics for the SIMEX Estimator in Nonlinear Measurement Error Models. <i>Journal of the American Statistical Association</i> , 1996, 91, 242-250.	3.1	143
31	Efficient Semiparametric Marginal Estimation for Longitudinal/Clustered Data. <i>Journal of the American Statistical Association</i> , 2005, 100, 147-157.	3.1	142
32	A comparison of two dietary instruments for evaluating the fat-breast cancer relationship. <i>International Journal of Epidemiology</i> , 2006, 35, 1011-1021.	1.9	140
33	DNA Microarray Experiments: Biological and Technological Aspects. <i>Biometrics</i> , 2002, 58, 701-717.	1.4	137
34	Rapid publication-ready MS-Word tables for one-way ANOVA. <i>SpringerPlus</i> , 2014, 3, 474.	1.2	133
35	Bias Analysis and SIMEX Approach in Generalized Linear Mixed Measurement Error Models. <i>Journal of the American Statistical Association</i> , 1998, 93, 249-261.	3.1	129
36	Conditionally Unbiased Bounded-Influence Estimation in General Regression Models, with Applications to Generalized Linear Models. <i>Journal of the American Statistical Association</i> , 1989, 84, 460-466.	3.1	126

#	ARTICLE	IF	CITATIONS
37	Optimal Rates of Convergence for Deconvolving a Density. <i>Journal of the American Statistical Association</i> , 1988, 83, 1184.	3.1	112
38	Choice of the primary analysis in longitudinal clinical trials. <i>Pharmaceutical Statistics</i> , 2004, 3, 161-169.	1.3	110
39	Estimation and variable selection for generalized additive partial linear models. <i>Annals of Statistics</i> , 2011, 39, .	2.6	105
40	Local Estimating Equations. <i>Journal of the American Statistical Association</i> , 1998, 93, 214-227.	3.1	101
41	Estimation in Partially Linear Models With Missing Covariates. <i>Journal of the American Statistical Association</i> , 2004, 99, 357-367.	3.1	101
42	Parameter Estimation of Partial Differential Equation Models. <i>Journal of the American Statistical Association</i> , 2013, 108, 1009-1020.	3.1	101
43	Joint modelling of paired sparse functional data using principal components. <i>Biometrika</i> , 2008, 95, 601-619.	2.4	99
44	Quantile Regression With Measurement Error. <i>Journal of the American Statistical Association</i> , 2009, 104, 1129-1143.	3.1	96
45	A new multivariate measurement error model with zero-inflated dietary data, and its application to dietary assessment. <i>Annals of Applied Statistics</i> , 2011, 5, 1456-1487.	1.1	96
46	Bayesian Hierarchical Spatially Correlated Functional Data Analysis with Application to Colon Carcinogenesis. <i>Biometrics</i> , 2008, 64, 64-73.	1.4	95
47	Flexible Parametric Measurement Error Models. <i>Biometrics</i> , 1999, 55, 44-54.	1.4	92
48	Wavelet-Based Nonparametric Modeling of Hierarchical Functions in Colon Carcinogenesis. <i>Journal of the American Statistical Association</i> , 2003, 98, 573-583.	3.1	90
49	Semiparametric estimation in general repeated measures problems. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2006, 68, 69-88.	2.2	90
50	STRATOS guidance document on measurement error and misclassification of variables in observational epidemiology: Part 1â€”Basic theory and simple methods of adjustment. <i>Statistics in Medicine</i> , 2020, 39, 2197-2231.	1.6	90
51	A Semiparametric Mixture Approach to Case-Control Studies with Errors in Covariables. <i>Journal of the American Statistical Association</i> , 1996, 91, 722-732.	3.1	87
52	Constrained Maximum Likelihood Estimation for Model Calibration Using Summary-Level Information From External Big Data Sources. <i>Journal of the American Statistical Association</i> , 2016, 111, 107-117.	3.1	87
53	Efficient regression calibration for logistic regression in main study/internal validation study designs with an imperfect reference instrument. <i>Statistics in Medicine</i> , 2001, 20, 139-160.	1.6	86
54	Fast methods for spatially correlated multilevel functional data. <i>Biostatistics</i> , 2010, 11, 177-194.	1.5	81

#	ARTICLE	IF	CITATIONS
55	Measurement of Active and Sedentary Behavior in Context of Large Epidemiologic Studies. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 266-276.	0.4	80
56	Semiparametric estimation of fixed-effects panel data varying coefficient models. <i>Advances in Econometrics</i> , 2009, , 101-129.	0.3	78
57	More Efficient Local Polynomial Estimation in Nonparametric Regression With Autocorrelated Errors. <i>Journal of the American Statistical Association</i> , 2003, 98, 980-992.	3.1	77
58	Analysis of case-control studies of genetic and environmental factors with missing genetic information and haplotype-phase ambiguity. <i>Genetic Epidemiology</i> , 2005, 29, 108-127.	1.3	76
59	Thyroid Disease Associated With Exposure to the Nevada Nuclear Weapons Test Site Radiation. <i>Epidemiology</i> , 2006, 17, 604-614.	2.7	76
60	Marginal Longitudinal Nonparametric Regression. <i>Journal of the American Statistical Association</i> , 2002, 97, 482-493.	3.1	75
61	Semiparametric Regression Modeling with Mixtures of Berkson and Classical Error, with Application to Fallout from the Nevada Test Site. <i>Biometrics</i> , 2002, 58, 13-20.	1.4	74
62	Selecting the Number of Principal Components in Functional Data. <i>Journal of the American Statistical Association</i> , 2013, 108, 1284-1294.	3.1	73
63	Spatially Adaptive Bayesian Penalized Splines With Heteroscedastic Errors. <i>Journal of Computational and Graphical Statistics</i> , 2007, 16, 265-288.	1.7	72
64	Nonparametric Function Estimation for Clustered Data When the Predictor is Measured without/with Error. <i>Journal of the American Statistical Association</i> , 2000, 95, 520.	3.1	71
65	Approximate Quasi-likelihood Estimation in Models With Surrogate Predictors. <i>Journal of the American Statistical Association</i> , 1990, 85, 652.	3.1	68
66	Polyphenol-rich sorghum brans alter colon microbiota and impact species diversity and species richness after multiple bouts of dextran sodium sulfate-induced colitis. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	2.7	66
67	A comparison of regression calibration, moment reconstruction and imputation for adjusting for covariate measurement error in regression. <i>Statistics in Medicine</i> , 2008, 27, 5195-5216.	1.6	65
68	Variances Are Not Always Nuisance Parameters. <i>Biometrics</i> , 2003, 59, 211-220.	1.4	62
69	A Two-Sample Test for Equality of Means in High Dimension. <i>Journal of the American Statistical Association</i> , 2015, 110, 837-849.	3.1	62
70	Designing studies to estimate the penetrance of an identified autosomal dominant mutation: Cohort, case-control, and genotyped-proband designs. <i>Genetic Epidemiology</i> , 1999, 16, 15-39.	1.3	61
71	Multiple imputation in quantile regression. <i>Biometrika</i> , 2012, 99, 423-438.	2.4	61
72	Rapid publication-ready MS-Word tables for two-way ANOVA. <i>SpringerPlus</i> , 2015, 4, 33.	1.2	60

#	ARTICLE	IF	CITATIONS
73	The Effect of Estimating Weights in Weighted Least Squares. <i>Journal of the American Statistical Association</i> , 1988, 83, 1045-1054.	3.1	59
74	A simultaneous confidence band for sparse longitudinal regression. <i>Statistica Sinica</i> , 2012, 22, 95-122.	0.3	59
75	Best Practices for Dietary Supplement Assessment and Estimation of Total Usual Nutrient Intakes in Population-Level Research and Monitoring. <i>Journal of Nutrition</i> , 2019, 149, 181-197.	2.9	58
76	Shrinkage Estimators for Robust and Efficient Inference in Haplotype-Based Case-Control Studies. <i>Journal of the American Statistical Association</i> , 2009, 104, 220-233.	3.1	56
77	Spatially Adaptive Bayesian Penalized Regression Splines (P-splines). <i>Journal of Computational and Graphical Statistics</i> , 2005, 14, 378-394.	1.7	54
78	Fish Oil Decreases Oxidative DNA Damage by Enhancing Apoptosis in Rat Colon. <i>Nutrition and Cancer</i> , 2005, 52, 166-175.	2.0	53
79	A New Method for Dealing with Measurement Error in Explanatory Variables of Regression Models. <i>Biometrics</i> , 2004, 60, 172-181.	1.4	52
80	Nonlinear and Nonparametric Regression and Instrumental Variables. <i>Journal of the American Statistical Association</i> , 2004, 99, 736-750.	3.1	48
81	Increased risk of early-stage breast cancer related to consumption of sweet foods among women less than age 45 in the United States. <i>Cancer Causes and Control</i> , 2002, 13, 937-946.	1.8	45
82	Comparison of the 60- and 100-Item NCI-Block Questionnaires With Validation Data. <i>Nutrition and Cancer</i> , 1999, 34, 70-75.	2.0	44
83	Low order approximations in deconvolution and regression with errors in variables. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2004, 66, 31-46.	2.2	44
84	Impact of Uncertainties in Exposure Assessment on Estimates of Thyroid Cancer Risk among Ukrainian Children and Adolescents Exposed from the Chernobyl Accident. <i>PLoS ONE</i> , 2014, 9, e85723.	2.5	44
85	Prediction and Tolerance Intervals With Transformation and/or Weighting. <i>Technometrics</i> , 1991, 33, 197-210.	1.9	43
86	Thyroid Cancer Following Scalp Irradiation: A Reanalysis Accounting for Uncertainty in Dosimetry. <i>Biometrics</i> , 2001, 57, 689-697.	1.4	43
87	STRATOS guidance document on measurement error and misclassification of variables in observational epidemiology: Part 2 "More complex methods of adjustment and advanced topics. <i>Statistics in Medicine</i> , 2020, 39, 2232-2263.	1.6	43
88	The Simulation Extrapolation Method for Fitting Generalized Linear Models with Additive Measurement Error. <i>The Stata Journal</i> , 2003, 3, 373-385.	2.2	42
89	Nonparametric Prediction in Measurement Error Models. <i>Journal of the American Statistical Association</i> , 2009, 104, 993-1003.	3.1	41
90	A functional generalized method of moments approach for longitudinal studies with missing responses and covariate measurement error. <i>Biometrika</i> , 2012, 99, 151-165.	2.4	41

#	ARTICLE	IF	CITATIONS
91	Measurement Error Regression with Unknown Link: Dimension Reduction and Data Visualization. <i>Journal of the American Statistical Association</i> , 1992, 87, 1040-1050.	3.1	40
92	On estimation in binary autologistic spatial models. <i>Journal of Statistical Computation and Simulation</i> , 2006, 76, 167-179.	1.2	40
93	Non-Parametric Regression Estimation from Data Contaminated by a Mixture of Berkson and Classical Errors. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2007, 69, 859-878.	2.2	40
94	SIMEX and standard error estimation in semiparametric measurement error models. <i>Electronic Journal of Statistics</i> , 2009, 3, 318-348.	0.7	38
95	Functional and Structural Methods With Mixed Measurement Error and Misclassification in Covariates. <i>Journal of the American Statistical Association</i> , 2015, 110, 681-696.	3.1	37
96	Parsimonious Model Averaging With a Diverging Number of Parameters. <i>Journal of the American Statistical Association</i> , 2020, 115, 972-984.	3.1	37
97	Locally Efficient Estimators for Semiparametric Models With Measurement Error. <i>Journal of the American Statistical Association</i> , 2006, 101, 1465-1474.	3.1	36
98	Shared Uncertainty in Measurement Error Problems, with Application to Nevada Test Site Fallout Data. <i>Biometrics</i> , 2007, 63, 1226-1236.	1.4	36
99	Conditional and Unconditional Categorical Regression Models with Missing Covariates. <i>Biometrics</i> , 2000, 56, 384-388.	1.4	34
100	Spatial measurement error and correction by spatial SIMEX in linear regression models when using predicted air pollution exposures. <i>Biostatistics</i> , 2016, 17, 377-389.	1.5	34
101	Identification and estimation of nonlinear models using two samples with nonclassical measurement errors. <i>Journal of Nonparametric Statistics</i> , 2010, 22, 379-399.	0.9	33
102	A Reanalysis of Thyroid Neoplasms in the Israeli Tinea Capitis Study Accounting for Dose Uncertainties. <i>Radiation Research</i> , 2004, 161, 359-368.	1.5	32
103	Bias Analysis and SIMEX Approach in Generalized Linear Mixed Measurement Error Models. <i>Journal of the American Statistical Association</i> , 1998, 93, 249.	3.1	32
104	Categorical Regression Analysis of Acute Exposure to Tetrachloroethylene ¹ . <i>Risk Analysis</i> , 1997, 17, 321-332.	2.7	31
105	Testing and Estimating Shape-Constrained Nonparametric Density and Regression in the Presence of Measurement Error. <i>Journal of the American Statistical Association</i> , 2011, 106, 191-202.	3.1	31
106	Seemingly Unrelated Measurement Error Models, with Application to Nutritional Epidemiology. <i>Biometrics</i> , 2006, 62, 75-84.	1.4	30
107	Local Estimating Equations. <i>Journal of the American Statistical Association</i> , 1998, 93, 214.	3.1	30
108	Interval Censoring and Marginal Analysis in Ordinal Regression. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 1996, 1, 354.	1.4	29

#	ARTICLE	IF	CITATIONS
109	Type I error rates from likelihood-based repeated measures analyses of incomplete longitudinal data. <i>Pharmaceutical Statistics</i> , 2004, 3, 171-186.	1.3	29
110	Variance Function Partially Linear Single-Index Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2015, 77, 171-194.	2.2	29
111	Impact of Novel Sorghum Bran Diets on DSS-Induced Colitis. <i>Nutrients</i> , 2017, 9, 330.	4.1	29
112	Optimization Using Stochastic Approximation and Monte Carlo Simulation (with Application to) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 6.	1.4	28
113	A Note on Asymmetry and Robustness in Linear Regression. <i>American Statistician</i> , 1988, 42, 285-287.	1.6	28
114	Calibration and seasonal adjustment for matched caseâ€“control studies of vitamin D and cancer. <i>Statistics in Medicine</i> , 2016, 35, 2133-2148.	1.6	28
115	Transformations to Additivity in Measurement Error Models. <i>Biometrics</i> , 1997, 53, 262.	1.4	27
116	Testing in Semiparametric Models with Interaction, with Applications to Geneâ€“Environment Interactions. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 75-96.	2.2	27
117	Fitting a Bivariate Measurement Error Model for Episodically Consumed Dietary Components. <i>International Journal of Biostatistics</i> , 2011, 7, 1-32.	0.7	27
118	Aberrant Crypt Foci and Semiparametric Modeling of Correlated Binary Data. <i>Biometrics</i> , 2008, 64, 490-500.	1.4	26
119	Robust Estimation for Homoscedastic Regression in the Secondary Analysis of Caseâ€“Control Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2013, 75, 185-206.	2.2	25
120	Additive Function-on-Function Regression. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 234-244.	1.7	24
121	A new class of measurement-error models, with applications to dietary data. <i>Canadian Journal of Statistics</i> , 1998, 26, 467-477.	0.9	23
122	SIMEX Variance Component Tests in Generalized Linear Mixed Measurement Error Models. <i>Biometrics</i> , 1999, 55, 613-619.	1.4	23
123	Multilevel Cross-Dependent Binary Longitudinal Data. <i>Biometrics</i> , 2013, 69, 903-913.	1.4	23
124	Significance tests for functional data with complex dependence structure. <i>Journal of Statistical Planning and Inference</i> , 2015, 156, 1-13.	0.6	23
125	Retrospective analysis of haplotype-based case-control studies under a flexible model for gene-environment association. <i>Biostatistics</i> , 2008, 9, 81-99.	1.5	22
126	<i>In Vivo</i> Regulation of Colonic Cell Proliferation, Differentiation, Apoptosis, and P27Kip1 by Dietary Fish Oil and Butyrate in Rats. <i>Cancer Prevention Research</i> , 2015, 8, 1076-1083.	1.5	22

#	ARTICLE	IF	CITATIONS
127	Nonparametric estimation of correlation functions in longitudinal and spatial data, with application to colon carcinogenesis experiments. <i>Annals of Statistics</i> , 2007, 35, 1608.	2.6	21
128	Haplotype-Based Regression Analysis and Inference of Case-Control Studies with Unphased Genotypes and Measurement Errors in Environmental Exposures. <i>Biometrics</i> , 2008, 64, 673-684.	1.4	21
129	Nonparametric additive regression for repeatedly measured data. <i>Biometrika</i> , 2009, 96, 383-398.	2.4	21
130	Statistical issues related to dietary intake as the response variable in intervention trials. <i>Statistics in Medicine</i> , 2016, 35, 4493-4508.	1.6	21
131	Data integration with high dimensionality. <i>Biometrika</i> , 2017, 104, 251-272.	2.4	21
132	Prediction and Tolerance Intervals with Transformation and/or Weighting. <i>Technometrics</i> , 1991, 33, 197.	1.9	21
133	A Semiparametric Mixture Approach to Case-Control Studies With Errors in Covariables. <i>Journal of the American Statistical Association</i> , 1996, 91, 722.	3.1	21
134	Efficient Estimation of Population-Level Summaries in General Semiparametric Regression Models. <i>Journal of the American Statistical Association</i> , 2007, 102, 123-139.	3.1	20
135	Variance Estimation in the Analysis of Microarray Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 425-445.	2.2	20
136	Bayesian Semiparametric Density Deconvolution in the Presence of Conditionally Heteroscedastic Measurement Errors. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 1101-1125.	1.7	20
137	Two Wrongs Make a Right: Addressing Underreporting in Binary Data from Multiple Sources. <i>Political Analysis</i> , 2017, 25, 223-240.	3.3	20
138	Measurement Error Regression with Unknown Link: Dimension Reduction and Data Visualization. <i>Journal of the American Statistical Association</i> , 1992, 87, 1040.	3.1	20
139	Covariate Measurement Error Adjustment for Matched Case-Control Studies. <i>Biometrics</i> , 2001, 57, 62-73.	1.4	19
140	Analysis of Case-Control Association Studies: SNPs, Imputation and Haplotypes. <i>Statistical Science</i> , 2009, 24, 489-502.	2.8	19
141	Spatial Regression with Covariate Measurement Error: A Semiparametric Approach. <i>Biometrics</i> , 2016, 72, 678-686.	1.4	19
142	Sparse semiparametric canonical correlation analysis for data of mixed types. <i>Biometrika</i> , 2020, 107, 609-625.	2.4	19
143	The Simulation Extrapolation Method for Fitting Generalized Linear Models with Additive Measurement Error. <i>The Stata Journal</i> , 2003, 3, 373-385.	2.2	19
144	ESTIMATION AND VARIABLE SELECTION FOR GENERALIZED ADDITIVE PARTIAL LINEAR MODELS. , 2011, 39, 1827-1851.		17

#	ARTICLE	IF	CITATIONS
145	Morphodensitometric analysis of protein kinase C \hat{I}^2 II expression in rat colon: modulation by diet and relation to in situ cell proliferation and apoptosis. <i>Carcinogenesis</i> , 2000, 21, 1513-1519.	2.8	17
146	Semiparametric Bayesian Analysis of Matched Case-Control Studies With Missing Exposure. <i>Journal of the American Statistical Association</i> , 2005, 100, 591-601.	3.1	17
147	Nonparametric variance estimation in the analysis of microarray data: a measurement error approach. <i>Biometrika</i> , 2008, 95, 437-449.	2.4	17
148	A robust and efficient approach to causal inference based on sparse sufficient dimension reduction. <i>Annals of Statistics</i> , 2019, 47, 1505-1535.	2.6	17
149	Random Effects in Censored Ordinal Regression: Latent Structure and Bayesian Approach. <i>Biometrics</i> , 2000, 56, 376-383.	1.4	16
150	Semiparametric Bayesian Analysis of Nutritional Epidemiology Data in the Presence of Measurement Error. <i>Biometrics</i> , 2010, 66, 444-454.	1.4	16
151	Application of a New Statistical Model for Measurement Error to the Evaluation of Dietary Self-report Instruments. <i>Epidemiology</i> , 2015, 26, 925-933.	2.7	16
152	Methods to assess an exercise intervention trial based on 3-level functional data. <i>Biostatistics</i> , 2015, 16, 754-771.	1.5	16
153	Testing for Gene-Environment Interaction under Exposure Misspecification. <i>Biometrics</i> , 2018, 74, 653-662.	1.4	16
154	Methods for Estimation of Radiation Risk in Epidemiological Studies Accounting for Classical and Berkson Errors in Doses. <i>International Journal of Biostatistics</i> , 2011, 7, 1-30.	0.7	15
155	Estimation and inference in generalized additive coefficient models for nonlinear interactions with high-dimensional covariates. <i>Annals of Statistics</i> , 2015, 43, 2102-2131.	2.6	15
156	A Powerful Bayesian Test for Equality of Means in High Dimensions. <i>Journal of the American Statistical Association</i> , 2018, 113, 1733-1741.	3.1	15
157	Parametric and Nonparametric Methods for Understanding the Relationship Between Carcinogen-Induced DNA Adduct Levels in Distal and Proximal Regions of the Colon. <i>Journal of the American Statistical Association</i> , 2001, 96, 816-826.	3.1	14
158	THE HANFORD THYROID DISEASE STUDY: AN ALTERNATIVE VIEW OF THE FINDINGS. <i>Health Physics</i> , 2007, 92, 99-111.	0.5	14
159	Genotype-based association mapping of complex diseases: gene-environment interactions with multiple genetic markers and measurement error in environmental exposures. <i>Genetic Epidemiology</i> , 2010, 34, 792-802.	1.3	14
160	Hierarchical functional data with mixed continuous and binary measurements. <i>Biometrics</i> , 2014, 70, 802-811.	1.4	14
161	On the Selection of Ordinary Differential Equation Models with Application to Predator-Prey Dynamical Models. <i>Biometrics</i> , 2015, 71, 131-138.	1.4	14
162	Reply to E Archer and SN Blair. <i>Advances in Nutrition</i> , 2015, 6, 489-489.	6.4	14

#	ARTICLE	IF	CITATIONS
163	The impact of stratification by implausible energy reporting status on estimates of diet-health relationships. <i>Biometrical Journal</i> , 2016, 58, 1538-1551.	1.0	14
164	Inference in a survival cure model with mismeasured covariates using a simulation-extrapolation approach. <i>Biometrika</i> , 2017, 104, asw054.	2.4	14
165	A Bivariate Measurement Error Model for Semicontinuous and Continuous Variables: Application to Nutritional Epidemiology. <i>Biometrics</i> , 2016, 72, 106-115.	1.4	13
166	Review Times in Statistical Journals: Tilting at Windmills?. <i>Biometrics</i> , 2001, 57, 1-6.	1.4	12
167	Efficient Semiparametric Marginal Estimation for the Partially Linear Additive Model for Longitudinal/Clustered Data. <i>Statistics in Biosciences</i> , 2009, 1, 10-31.	1.2	12
168	Semiparametric Estimation in the Secondary Analysis of Case-Control Studies. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2016, 78, 127-151.	2.2	12
169	An Evaluation of Accelerometer-derived Metrics to Assess Daily Behavioral Patterns. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 54-63.	0.4	12
170	Semiparametric Regression Splines in Matched Case-Control Studies. <i>Biometrics</i> , 2003, 59, 1158-1169.	1.4	11
171	A statistical model for measurement error that incorporates variation over time in the target measure, with application to nutritional epidemiology. <i>Statistics in Medicine</i> , 2015, 34, 3590-3605.	1.6	11
172	Linear Model Selection When Covariates Contain Errors. <i>Journal of the American Statistical Association</i> , 2017, 112, 1553-1561.	3.1	10
173	Bayesian Semiparametric Multivariate Density Deconvolution. <i>Journal of the American Statistical Association</i> , 2018, 113, 401-416.	3.1	10
174	A narrative review of nutrient based indexes to assess diet quality and the proposed total nutrient index that reflects total dietary exposures. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 1722-1732.	10.3	10
175	Analysis of repeated measures data in nutrition research. <i>Frontiers in Bioscience - Landmark</i> , 2019, 24, 1377-1389.	3.0	10
176	Testing for Spatial Correlation in Nonstationary Binary Data, with Application to Aberrant Crypt Foci in Colon Carcinogenesis. <i>Biometrics</i> , 2003, 59, 752-761.	1.4	9
177	Unexpected properties of bandwidth choice when smoothing discrete data for constructing a functional data classifier. <i>Annals of Statistics</i> , 2013, 41, 2739-2767.	2.6	9
178	Bayesian semiparametric regression in the presence of conditionally heteroscedastic measurement and regression errors. <i>Biometrics</i> , 2014, 70, 823-834.	1.4	9
179	Semiparametric Bayesian analysis of gene-environment interactions with error in measurement of environmental covariates and missing genetic data. <i>Statistics and Its Interface</i> , 2011, 4, 305-315.	0.3	9
180	Multiple indicators, multiple causes measurement error models. <i>Statistics in Medicine</i> , 2014, 33, 4469-4481.	1.6	8

#	ARTICLE	IF	CITATIONS
181	Measurement error models with interactions. <i>Biostatistics</i> , 2016, 17, 277-290.	1.5	8
182	Bayesian regression analysis of data with random effects covariates from nonlinear longitudinal measurements. <i>Journal of Multivariate Analysis</i> , 2016, 143, 94-106.	1.0	8
183	MALMEM: Model Averaging in Linear Measurement Error Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2019, 81, 763-779.	2.2	8
184	PCAN: Probabilistic Correlation Analysis of Two Non-Normal Data Sets. <i>Biometrics</i> , 2016, 72, 1358-1368.	1.4	7
185	PLEMT: A Novel Pseudolikelihood-Based EM Test for Homogeneity in Generalized Exponential Tilt Mixture Models. <i>Journal of the American Statistical Association</i> , 2017, 112, 1393-1404.	3.1	7
186	Instrumental variable approach to estimating the scalarâ€œfunction regression model with measurement error with application to energy expenditure assessment in childhood obesity. <i>Statistics in Medicine</i> , 2019, 38, 3764-3781.	1.6	7
187	Measurement Error Correction and Sensitivity Analysis in Longitudinal Dietary Intervention Studies Using an External Validation Study. <i>Biometrics</i> , 2019, 75, 927-937.	1.4	7
188	Development and Testing of an Integrated Score for Physical Behaviors. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1759-1766.	0.4	7
189	Score tests for familial correlation in genotyped-proband designs. , 2000, 18, 293-306.		6
190	Sparse Regression by Projection and Sparse Discriminant Analysis. <i>Journal of Computational and Graphical Statistics</i> , 2015, 24, 416-438.	1.7	6
191	Estimating Varying Coefficients for Partial Differential Equation Models. <i>Biometrics</i> , 2017, 73, 949-959.	1.4	6
192	A joint modeling and estimation method for multivariate longitudinal data with mixed types of responses to analyze physical activity data generated by accelerometers. <i>Statistics in Medicine</i> , 2017, 36, 4028-4040.	1.6	6
193	On the impact of model selection on predictor identification and parameter inference. <i>Computational Statistics</i> , 2017, 32, 667-690.	1.5	6
194	Genetic and immunological contributors to virus-induced paralysis. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 18, 100395.	2.5	6
195	Combining Datasets to Predict the Effects of Regulation of Environmental Lead Exposure in Housing Stock. <i>Biometrics</i> , 2001, 57, 203-210.	1.4	5
196	The Effect of Estimating Weights in Weighted Least Squares. <i>Journal of the American Statistical Association</i> , 1988, 83, 1045.	3.1	5
197	Identification and estimation of nonlinear models using two samples with nonclassical measurement errors. <i>Journal of Nonparametric Statistics</i> , 2010, 22, 419-423.	0.9	4
198	Density Estimation in Several Populations With Uncertain Population Membership. <i>Journal of the American Statistical Association</i> , 2011, 106, 1180-1192.	3.1	4

#	ARTICLE	IF	CITATIONS
199	Deconvolution When Classifying Noisy Data Involving Transformations. Journal of the American Statistical Association, 2012, 107, 1166-1177.	3.1	4
200	Using shared genetic controls in studies of gene-environment interactions. Biometrika, 2013, 100, 319-338.	2.4	4
201	Estimation and inference of error-prone covariate effect in the presence of confounding variables. Electronic Journal of Statistics, 2017, 11, 480-501.	0.7	4
202	A Review of Statistical Analyses on Physical Activity Data Collected from Accelerometers. Statistics in Biosciences, 2019, 11, 465-476.	1.2	4
203	Integration of Survival and Binary Data for Variable Selection and Prediction: A Bayesian Approach. Journal of the Royal Statistical Society Series C: Applied Statistics, 2019, 68, 1577-1595.	1.0	4
204	A fast score test for generalized mixture models. Biometrics, 2020, 76, 811-820.	1.4	4
205	Bayesian Copula Density Deconvolution for Zero-Inflated Data in Nutritional Epidemiology. Journal of the American Statistical Association, 2021, 116, 1075-1087.	3.1	4
206	Dietary Intakes of Amino Acids and Other Nutrients by Adult Humans. Advances in Experimental Medicine and Biology, 2021, 1332, 211-227.	1.6	4
207	Clustering in General Measurement Error Models. Statistica Sinica, 2018, 28, 2337-2351.	0.3	4
208	The Total Nutrient Index is a Useful Measure for Assessing Total Micronutrient Exposures Among US Adults. Journal of Nutrition, 2022, 152, 863-871.	2.9	4
209	Longitudinal functional principal component modelling via Stochastic Approximation Monte Carlo. Canadian Journal of Statistics, 2010, 38, 256-270.	0.9	3
210	Hierarchical Bayesian methods for integration of various types of genomics data. , 2012, , .		3
211	A Semiparametric Single-Index Risk Score Across Populations. Journal of the American Statistical Association, 2017, 112, 1648-1662.	3.1	3
212	Functional Multiple Indicators, Multiple Causes Measurement Error Models. Biometrics, 2018, 74, 127-134.	1.4	3
213	ON DESIGN CONSIDERATIONS AND RANDOMIZATION-BASED INFERENCE FOR COMMUNITY INTERVENTION TRIALS. Statistics in Medicine, 1996, 15, 1069-1092.	1.6	3
214	A Note on Penalized Regression Spline Estimation in the Secondary Analysis of Case-Control Data. Statistics in Biosciences, 2013, 5, 250-260.	1.2	2
215	Moment Reconstruction and Moment-Adjusted Imputation When Exposure Is Generated by a Complex, Nonlinear Random Effects Modeling Process. Biometrics, 2016, 72, 1369-1377.	1.4	2
216	Methods to assess measurement error in questionnaires of sedentary behavior. Journal of Applied Statistics, 2016, 43, 1706-1721.	1.3	2

#	ARTICLE	IF	CITATIONS
217	Exact sampling of the unobserved covariates in Bayesian spline models for measurement error problems. <i>Statistics and Computing</i> , 2016, 26, 827-840.	1.5	2
218	Semiparametric analysis of complex polygenic gene-environment interactions in case-control studies. <i>Biometrika</i> , 2017, 104, 801-812.	2.4	2
219	Three-part joint modeling methods for complex functional data mixed with zero-inflated proportions and zero-inflated continuous outcomes with skewness. <i>Statistics in Medicine</i> , 2018, 37, 611-626.	1.6	2
220	Correcting for measurement error in fractional polynomial models using Bayesian modelling and regression calibration, with an application to alcohol and mortality. <i>Biometrical Journal</i> , 2019, 61, 558-573.	1.0	2
221	A semiparametric efficient estimator in case-control studies for gene-environment independent models. <i>Journal of Multivariate Analysis</i> , 2019, 173, 38-50.	1.0	2
222	A Hybrid Omnibus Test for Generalized Semiparametric Single-Index Models With High-Dimensional Covariate Sets. <i>Biometrics</i> , 2019, 75, 757-767.	1.4	2
223	Re-evaluating composite scores: Adaptive Lasso variable selection for non-linear models. <i>Stat</i> , 2019, 8, e251.	0.4	2
224	Estimating disease onset from change points of markers measured with error. <i>Biostatistics</i> , 2021, 22, 819-835.	1.5	2
225	SiAM: A hybrid of single index models and additive models. <i>Electronic Journal of Statistics</i> , 2017, 11, 2397-2423.	0.7	2
226	A semiparametric risk score for physical activity. <i>Statistics in Medicine</i> , 2021, , .	1.6	2
227	Serum Cytokines Predict Neurological Damage in Genetically Diverse Mouse Models. <i>Cells</i> , 2022, 11, 2044.	4.1	2
228	Estimating the reliability of an exposure variable in the presence of confounders. <i>Statistics in Medicine</i> , 1995, 14, 1437-1446.	1.6	1
229	Discussion on "Statistical Issues Arising in the Women's Health Initiative". <i>Biometrics</i> , 2005, 61, 911-912.	1.4	1
230	Comments on: Nonparametric inference with generalized likelihood ratio tests. <i>Test</i> , 2007, 16, 456-458.	1.1	1
231	Why do we observe misclassification errors smaller than the Bayes error?. <i>Journal of Statistical Computation and Simulation</i> , 2009, 79, 717-722.	1.2	1
232	The direct integral method for confidence intervals for the ratio of two location parameters. <i>Biometrics</i> , 2015, 71, 704-713.	1.4	1
233	Exposure Enriched Case-Control (EECC) Design for the Assessment of Gene-Environment Interaction. <i>Genetic Epidemiology</i> , 2016, 40, 570-578.	1.3	1
234	Frequentist standard errors of Bayes estimators. <i>Computational Statistics</i> , 2017, 32, 867-888.	1.5	1

#	ARTICLE	IF	CITATIONS
235	Categorizing a continuous predictor subject to measurement error. <i>Electronic Journal of Statistics</i> , 2018, 12, 4032-4056.	0.7	1
236	Modeling and Prediction of Multiple Correlated Functional Outcomes. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2019, 24, 112-129.	1.4	1
237	Robust methods to correct for measurement error when evaluating a surrogate marker. <i>Biometrics</i> , 2022, 78, 9-23.	1.4	1
238	Semiparametric Estimation of the Distribution of Episodically Consumed Foods Measured With Error. <i>Journal of the American Statistical Association</i> , 2022, 117, 469-481.	3.1	1
239	Feature screening with large-scale and high-dimensional survival data. <i>Biometrics</i> , 2022, 78, 894-907.	1.4	1
240	ON DESIGN CONSIDERATIONS AND RANDOMIZATION-BASED INFERENCE FOR COMMUNITY INTERVENTION TRIALS. , 1996, 15, 1069.		1
241	An Asymptotic Theory for Weighted Least-Squares with Weights Estimated by Replication. <i>Biometrika</i> , 1988, 75, 35.	2.4	1
242	Fish oil and pectin may suppress colon carcinogenesis via inhibition of the MAPK and TGF β pathways. <i>FASEB Journal</i> , 2008, 22, 885.8.	0.5	1
243	Sorghum bran varieties differentially influence endogenous antioxidant enzymes to protect against oxidative stress during colon carcinogenesis. <i>FASEB Journal</i> , 2008, 22, .	0.5	1
244	Personal reflections on the COPSS Presidents'™ Award. , 2014, , 571-579.		1
245	Nonparametric, tuning-free estimation of S-shaped functions. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 0, , .	2.2	1
246	Application of survival analysis methodology to the quantitative analysis of LC-MS proteomics data. , 2011, , .		0
247	Longitudinal functional additive model with continuous proportional outcomes for physical activity data. <i>Stat</i> , 2016, 5, 242-250.	0.4	0
248	Dimension reduction and estimation in the secondary analysis of case-control studies. <i>Electronic Journal of Statistics</i> , 2018, 12, 1782-1821.	0.7	0
249	Fish oil and pectin enhance apoptosis in irradiated rat colonocytes via suppression of PGE synthase and Wnt pathway. <i>FASEB Journal</i> , 2006, 20, A993.	0.5	0
250	A fish oil/pectin diet beneficially altered gene profiles during radiation-enhanced colon carcinogenesis. <i>FASEB Journal</i> , 2008, 22, 885.9.	0.5	0
251	Dietary lipid source alters quercetin effects on antioxidant enzyme/phase I and II gene expression in rat colon. <i>FASEB Journal</i> , 2009, 23, 897.5.	0.5	0
252	A fish oil/pectin diet suppresses radiation-enhanced colon carcinogenesis via down-regulation of the β -catenin signaling pathway. <i>FASEB Journal</i> , 2009, 23, 897.6.	0.5	0

#	ARTICLE	IF	CITATIONS
253	Chemoprotective fish oil/pectin diets temporally alter gene expression profiles in exfoliated colonocytes. <i>FASEB Journal</i> , 2009, 23, 222.2.	0.5	0
254	Combining self-report dietary assessment instruments to reduce the effects of measurement error. <i>FASEB Journal</i> , 2012, 26, 129.1.	0.5	0
255	Suppression of early colon cancer lesions by apigenin and naringenin is in part due to their downregulation of p21, TLR4, and MCT1 expression. <i>FASEB Journal</i> , 2012, 26, 1023.2.	0.5	0
256	A Robust Approach for Electronic Health Record-Based Case-Control Studies with Contaminated Case Pools. <i>Biometrics</i> , 2023, 79, 2023-2035.	1.4	0