

# Geert Molenberghs

## List of Publications by Year in descending order

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Version: 2024-02-01

290  
papers

10,319  
citations

50566

48  
h-index

53065

89  
g-index

309  
all docs

309  
docs citations

309  
times ranked

9756  
citing authors

#	ARTICLE	IF	CITATIONS
1	The validation of surrogate endpoints in meta-analyses of randomized experiments. <i>Biostatistics</i> , 2000, 1, 49-67.	0.9	504
2	Linear Mixed Models for Longitudinal Data. Springer Series in Statistics, 2000, , .	0.9	451
3	Linear Mixed Models in Practice. Lecture Notes in Statistics, 1997, , .	0.1	400
4	Criteria for the Validation of Surrogate Endpoints in Randomized Experiments. <i>Biometrics</i> , 1998, 54, 1014.	0.8	364
5	Analyzing incomplete longitudinal clinical trial data. <i>Biostatistics</i> , 2004, 5, 445-464.	0.9	343
6	Missing data methods in longitudinal studies: a review. <i>Test</i> , 2009, 18, 1-43.	0.7	340
7	Marginal Modeling of Correlated Ordinal Data Using a Multivariate Plackett Distribution. <i>Journal of the American Statistical Association</i> , 1994, 89, 633-644.	1.8	250
8	Assessing and interpreting treatment effects in longitudinal clinical trials with missing data. <i>Biological Psychiatry</i> , 2003, 53, 754-760.	0.7	212
9	The Use of Score Tests for Inference on Variance Components. <i>Biometrics</i> , 2003, 59, 254-262.	0.8	191
10	Analyzing incomplete longitudinal clinical trial data. <i>Biostatistics</i> , 2004, 5, 445-64.	0.9	187
11	The analysis of longitudinal ordinal data with nonrandom drop-out. <i>Biometrika</i> , 1997, 84, 33-44.	1.3	170
12	Every Missingness not at Random Model Has a Missingness at Random Counterpart with Equal Fit. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2008, 70, 371-388.	1.1	166
13	Likelihood Ratio, Score, and Wald Tests in a Constrained Parameter Space. <i>American Statistician</i> , 2007, 61, 22-27.	0.9	163
14	Sensitivity Analysis for Nonrandom Dropout: A Local Influence Approach. <i>Biometrics</i> , 2001, 57, 7-14.	0.8	161
15	Direct likelihood analysis versus simple forms of imputation for missing data in randomized clinical trials. <i>Clinical Trials</i> , 2005, 2, 379-386.	0.7	134
16	Strategies to fit pattern-mixture models. <i>Biostatistics</i> , 2002, 3, 245-265.	0.9	128
17	Assessing Response Profiles from Incomplete Longitudinal Clinical Trial Data Under Regulatory Considerations. <i>Journal of Biopharmaceutical Statistics</i> , 2003, 13, 179-190.	0.4	124
18	A Family of Generalized Linear Models for Repeated Measures with Normal and Conjugate Random Effects. <i>Statistical Science</i> , 2010, 25, .	1.6	121

#	ARTICLE	IF	CITATIONS
19	Likelihood based frequentist inference when data are missing at random. <i>Statistical Science</i> , 1998, 13, 236.	1.6	118
20	Monotone missing data and pattern-mixture models. <i>Statistica Neerlandica</i> , 1998, 52, 153-161.	0.9	114
21	Choice of the primary analysis in longitudinal clinical trials. <i>Pharmaceutical Statistics</i> , 2004, 3, 161-169.	0.7	110
22	Statistical challenges in the evaluation of surrogate endpoints in randomized trials. <i>Contemporary Clinical Trials</i> , 2002, 23, 607-625.	2.0	108
23	Shared parameter models under random effects misspecification. <i>Biometrika</i> , 2008, 95, 63-74.	1.3	107
24	An extended random-effects approach to modeling repeated, overdispersed count data. <i>Lifetime Data Analysis</i> , 2007, 13, 513-531.	0.4	104
25	An Application of Maximum Likelihood and Generalized Estimating Equations to the Analysis of Ordinal Data from a Longitudinal Study with Cases Missing at Random. <i>Biometrics</i> , 1994, 50, 945.	0.8	102
26	Transformation of non positive semidefinite correlation matrices. <i>Communications in Statistics - Theory and Methods</i> , 1993, 22, 965-984.	0.6	100
27	Statistical evaluation of surrogate endpoints with examples from cancer clinical trials. <i>Biometrical Journal</i> , 2016, 58, 104-132.	0.6	93
28	Internal mixing of rotating stars inferred from dipole gravity modes. <i>Nature Astronomy</i> , 2021, 5, 715-722.	4.2	91
29	Dynamic predictions with time-dependent covariates in survival analysis using joint modeling and landmarking. <i>Biometrical Journal</i> , 2017, 59, 1261-1276.	0.6	88
30	Pseudolikelihood Modeling of Multivariate Outcomes in Developmental Toxicology. <i>Journal of the American Statistical Association</i> , 1999, 94, 734-745.	1.8	87
31	Applying Concepts of Generalizability Theory on Clinical Trial Data to Investigate Sources of Variation and Their Impact on Reliability. <i>Biometrics</i> , 2005, 61, 295-304.	0.8	85
32	Last Observation Carried Forward: A Crystal Ball?. <i>Journal of Biopharmaceutical Statistics</i> , 2009, 19, 872-888.	0.4	84
33	Evaluation of surrogate endpoints in randomized experiments with mixed discrete and continuous outcomes. <i>Statistics in Medicine</i> , 2001, 20, 3023-3038.	0.8	77
34	Random-effects models for multivariate repeated measures. <i>Statistical Methods in Medical Research</i> , 2007, 16, 387-397.	0.7	77
35	The Effective Sample Size and an Alternative Small-Sample Degrees-of-Freedom Method. <i>American Statistician</i> , 2009, 63, 389-399.	0.9	75
36	Sensitivity analysis for incomplete contingency tables: the Slovenian plebiscite case. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2001, 50, 15-29.	0.5	74

#	ARTICLE	IF	CITATIONS
37	The validation of surrogate end points by using data from randomized clinical trials: a case-study in advanced colorectal cancer. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2004, 167, 103-124.	0.6	69
38	Forward Asteroseismic Modeling of Stars with a Convective Core from Gravity-mode Oscillations: Parameter Estimation and Stellar Model Selection. <i>Astrophysical Journal, Supplement Series</i> , 2018, 237, 15.	3.0	69
39	A pairwise likelihood approach to estimation in multilevel probit models. <i>Computational Statistics and Data Analysis</i> , 2004, 44, 649-667.	0.7	67
40	Parametric models for incomplete continuous and categorical longitudinal data. <i>Statistical Methods in Medical Research</i> , 1999, 8, 51-83.	0.7	66
41	A simulation study comparing weighted estimating equations with multiple imputation based estimating equations for longitudinal binary data. <i>Computational Statistics and Data Analysis</i> , 2008, 52, 1533-1548.	0.7	62
42	Marginal modelling of multivariate categorical data. , 1999, 18, 2237-2255.		61
43	Selection models and pattern-mixture models to analyse longitudinal quality of life data subject to drop-out. <i>Statistics in Medicine</i> , 2002, 21, 1023-1041.	0.8	60
44	A Latent-Class Mixture Model for Incomplete Longitudinal Gaussian Data. <i>Biometrics</i> , 2008, 64, 96-105.	0.8	59
45	THE SURFACE NITROGEN ABUNDANCE OF A MASSIVE STAR IN RELATION TO ITS OSCILLATIONS, ROTATION, AND MAGNETIC FIELD. <i>Astrophysical Journal</i> , 2014, 781, 88.	1.6	59
46	Marginal Modeling of Correlated Ordinal Data Using a Multivariate Plackett Distribution. , 0, .		59
47	Applying linear mixed models to estimate reliability in clinical trial data with repeated measurements. <i>Contemporary Clinical Trials</i> , 2004, 25, 13-30.	2.0	57
48	Surrogate Marker Evaluation from an Information Theory Perspective. <i>Biometrics</i> , 2007, 63, 180-186.	0.8	57
49	The nature of sensitivity in monotone missing not at random models. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 830-858.	0.7	53
50	The gradient function as an exploratory goodness-of-fit assessment of the random-effects distribution in mixed models. <i>Biostatistics</i> , 2013, 14, 477-490.	0.9	52
51	Sensitivity analysis for incomplete categorical data. <i>Statistical Modelling</i> , 2001, 1, 31-48.	0.5	51
52	A unifying approach for surrogate marker validation based on Prentice's criteria. <i>Statistics in Medicine</i> , 2006, 25, 205-221.	0.8	51
53	Prentice's Approach and the Meta-Analytic Paradigm: A Reflection on the Role of Statistics in the Evaluation of Surrogate Endpoints. <i>Biometrics</i> , 2004, 60, 724-728.	0.8	49
54	A perspective on surrogate endpoints in controlled clinical trials. <i>Statistical Methods in Medical Research</i> , 2004, 13, 177-206.	0.7	49

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55	Multiple-Imputation-Based Residuals and Diagnostic Plots for Joint Models of Longitudinal and Survival Outcomes. <i>Biometrics</i> , 2010, 66, 20-29.	0.8	47
56	A Multiple-Imputation-Based Approach to Sensitivity Analyses and Effectiveness Assessments in Longitudinal Clinical Trials. <i>Journal of Biopharmaceutical Statistics</i> , 2014, 24, 211-228.	0.4	46
57	Random Effects Models for Longitudinal Data. , 2010, , 37-96.		45
58	The Shape of Correlation Matrices. <i>American Statistician</i> , 1994, 48, 276-279.	0.9	44
59	Validation of Surrogate Endpoints in Multiple Randomized Clinical Trials with Discrete Outcomes. <i>Biometrical Journal</i> , 2002, 44, 921-935.	0.6	44
60	Evidence for a substantial role of sharing of injecting paraphernalia other than syringes/needles to the spread of hepatitis C among injecting drug users. <i>Journal of Viral Hepatitis</i> , 2006, 13, 560-570.	1.0	43
61	Analyzing Incomplete Discrete Longitudinal Clinical Trial Data. <i>Statistical Science</i> , 2006, 21, 52.	1.6	43
62	On the Relationship between the Causal-Inference and Meta-Analytic Paradigms for the Validation of Surrogate Endpoints. <i>Biometrics</i> , 2015, 71, 15-24.	0.8	41
63	An exponential family model for clustered multivariate binary data. <i>Environmetrics</i> , 1999, 10, 279-300.	0.6	40
64	Simplified hierarchical linear models for the evaluation of surrogate endpoints. <i>Journal of Statistical Computation and Simulation</i> , 2003, 73, 643-658.	0.7	40
65	Nonrandom Missingness in Categorical Data: Strengths and Limitations. <i>American Statistician</i> , 1999, 53, 110-118.	0.9	39
66	Modeling actor and partner effects in dyadic data when outcomes are categorical.. <i>Psychological Methods</i> , 2013, 18, 220-236.	2.7	39
67	A Local Influence Approach Applied to Binary Data from a Psychiatric Study. <i>Biometrics</i> , 2003, 59, 410-419.	0.8	38
68	Estimating precision, repeatability, and reproducibility from Gaussian and non- Gaussian data: a mixed models approach. <i>Journal of Applied Statistics</i> , 2010, 37, 1729-1747.	0.6	38
69	Choosing estimands in clinical trials with missing data. <i>Pharmaceutical Statistics</i> , 2017, 16, 29-36.	0.7	38
70	Remote Monitoring of Hypertension Diseases in Pregnancy: A Pilot Study. <i>JMIR MHealth and UHealth</i> , 2017, 5, e25.	1.8	37
71	Doubly Robust and Multiple-Imputation-Based Generalized Estimating Equations. <i>Journal of Biopharmaceutical Statistics</i> , 2011, 21, 202-225.	0.4	34
72	GEE for longitudinal ordinal data: Comparing R-geepack, R-multgee, R-repolr, SAS-GENMOD, SPSS-GENLIN. <i>Computational Statistics and Data Analysis</i> , 2014, 77, 70-83.	0.7	34

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73	Influence analysis to assess sensitivity of the dropout process. Computational Statistics and Data Analysis, 2001, 37, 93-113.	0.7	32
74	Generalized shared-parameter models and missingness at random. Statistical Modelling, 2011, 11, 279-310.	0.5	31
75	Marginalized multilevel hurdle and zero-inflated models for overdispersed and correlated count data with excess zeros. Statistics in Medicine, 2014, 33, 4402-4419.	0.8	30
76	Title is missing!. Plant Ecology, 2002, 163, 123-134.	0.7	29
77	Type I error rates from likelihood-based repeated measures analyses of incomplete longitudinal data. Pharmaceutical Statistics, 2004, 3, 171-186.	0.7	29
78	A Sensitivity Analysis for Shared-Parameter Models for Incomplete Longitudinal Outcomes. Biometrical Journal, 2010, 52, 111-125.	0.6	29
79	The Milk Protein Trial: Influence Analysis of the Dropout Process. Biometrical Journal, 2000, 42, 617-646.	0.6	28
80	Selection Models and Pattern-Mixture Models for Incomplete Data with Covariates. Biometrics, 1999, 55, 978-983.	0.8	27
81	Validation of Surrogate Markers in Multiple Randomized Clinical Trials with Repeated Measurements: Canonical Correlation Approach. Biometrics, 2004, 60, 845-853.	0.8	27
82	The COVID-19 epidemic, its mortality, and the role of non-pharmaceutical interventions. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 204-208.	0.4	27
83	COVID-19 mortality, excess mortality, deaths per million and infection fatality ratio, Belgium, 9 March 2020 to 28 June 2020. Eurosurveillance, 2022, 27, .	3.9	26
84	Choice of units of analysis and modeling strategies in multilevel hierarchical models. Computational Statistics and Data Analysis, 2004, 47, 537-563.	0.7	25
85	A local influence approach to sensitivity analysis of incomplete longitudinal ordinal data. Statistical Modelling, 2001, 1, 125-142.	0.5	24
86	A local influence approach to sensitivity analysis of incomplete longitudinal ordinal data. Statistical Modelling, 2001, 1, 125-142.	0.5	24
87	Validation of a longitudinally measured surrogate marker for a time-to-event endpoint. Journal of Applied Statistics, 2003, 30, 235-247.	0.6	24
88	The Shape of Correlation Matrices. American Statistician, 1994, 48, 276.	0.9	23
89	An Exact Trend Test for Correlated Binary Data. Biometrics, 2001, 57, 941-948.	0.8	23
90	A generalized Poisson-gamma model for spatially overdispersed data. Spatial and Spatio-temporal Epidemiology, 2012, 3, 185-194.	0.9	23

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91	On random sample size, ignorability, ancillarity, completeness, separability, and degeneracy: Sequential trials, random sample sizes, and missing data. <i>Statistical Methods in Medical Research</i> , 2014, 23, 11-41.	0.7	23
92	Sensitivity analysis for incomplete categorical data. <i>Statistical Modelling</i> , 2001, 1, 31-48.	0.5	23
93	Protective estimation of longitudinal categorical data with nonrandom dropout. <i>Communications in Statistics - Theory and Methods</i> , 1997, 26, 65-94.	0.6	22
94	Simple Fitting Algorithms for Incomplete Categorical Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 1997, 59, 401-414.	1.1	22
95	Bias in Estimating Association Parameters for Longitudinal Binary Responses with Dropouts. <i>Biometrics</i> , 2001, 57, 15-21.	0.8	22
96	INVESTIGATING THE CRITERION VALIDITY OF PSYCHIATRIC SYMPTOM SCALES USING SURROGATE MARKER VALIDATION METHODOLOGY. <i>Journal of Biopharmaceutical Statistics</i> , 2002, 12, 161-178.	0.4	22
97	Generalized pairwise comparison methods to analyze (non)prioritized composite endpoints. <i>Statistics in Medicine</i> , 2019, 38, 5641-5656.	0.8	22
98	Validation of Surrogate Markers in Multiple Randomized Clinical Trials with Repeated Measurements. <i>Biometrical Journal</i> , 2003, 45, 931-945.	0.6	21
99	Arbitrariness of models for augmented and coarse data, with emphasis on incomplete data and random effects models. <i>Statistical Modelling</i> , 2010, 10, 391-419.	0.5	21
100	Pseudo-likelihood methodology for partitioned large and complex samples. <i>Statistics and Probability Letters</i> , 2011, 81, 892-901.	0.4	21
101	Marginal correlation from an extended random-effects model for repeated and overdispersed counts. <i>Journal of Applied Statistics</i> , 2011, 38, 215-232.	0.6	21
102	A combined overdispersed and marginalized multilevel model. <i>Computational Statistics and Data Analysis</i> , 2012, 56, 1944-1951.	0.7	20
103	A zero-inflated overdispersed hierarchical Poisson model. <i>Statistical Modelling</i> , 2014, 14, 439-456.	0.5	20
104	Clinical and immunological control of experimental autoimmune encephalomyelitis by tolerogenic dendritic cells loaded with MOG-encoding mRNA. <i>Journal of Neuroinflammation</i> , 2019, 16, 167.	3.1	20
105	Information-theory based surrogate marker evaluation from several randomized clinical trials with continuous true and binary surrogate endpoints. <i>Clinical Trials</i> , 2007, 4, 587-597.	0.7	19
106	Estimating Reliability and Generalizability from Hierarchical Biomedical Data. <i>Journal of Biopharmaceutical Statistics</i> , 2007, 17, 595-627.	0.4	19
107	A note on a hierarchical interpretation for negative variance components. <i>Statistical Modelling</i> , 2011, 11, 389-408.	0.5	19
108	Strategies for handling missing data in longitudinal studies with questionnaires. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 3415-3436.	0.7	19

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109	What Can Go Wrong With the Score Test?. American Statistician, 2007, 61, 289-290.	0.9	18
110	Evaluating time to cancer recurrence as a surrogate marker for survival from an information theory perspective. Statistical Methods in Medical Research, 2008, 17, 497-504.	0.7	18
111	A unified framework for the evaluation of surrogate endpoints in mental-health clinical trials. Statistical Methods in Medical Research, 2010, 19, 205-236.	0.7	18
112	Estimating negative variance components from Gaussian and non-Gaussian data: A mixed models approach. Computational Statistics and Data Analysis, 2011, 55, 1071-1085.	0.7	18
113	A note on the comparison of pseudo-likelihood and generalized estimating equations for marginally specified odds ratio models with exchangeable association structure. Journal of Statistical Computation and Simulation, 1998, 62, 45-71.	0.7	17
114	The meta-analytic framework for the evaluation of surrogate endpoints in clinical trials. Journal of Statistical Planning and Inference, 2008, 138, 432-449.	0.4	17
115	A Flexible Method to Measure Synchrony in Neuronal Firing. Journal of the American Statistical Association, 2008, 103, 149-161.	1.8	17
116	A combined beta and normal random-effects model for repeated, overdispersed binary and binomial data. Journal of Multivariate Analysis, 2012, 111, 94-109.	0.5	17
117	Applied Surrogate Endpoint Evaluation Methods with SAS and R. , 0, , .		17
118	Pseudolikelihood Modeling of Multivariate Outcomes in Developmental Toxicology. , 0, .		17
119	Prediction of survival and opportunistic infections in HIV-infected patients: a comparison of imputation methods of incomplete CD4 counts. Statistics in Medicine, 2002, 21, 1387-1408.	0.8	16
120	Sensitivity Analysis of Continuous Incomplete Longitudinal Outcomes. Statistica Neerlandica, 2003, 57, 112-135.	0.9	16
121	On the Weibull-Gamma frailty model, its infinite moments, and its connection to generalized log-logistic, logistic, Cauchy, and extreme-value distributions. Journal of Statistical Planning and Inference, 2011, 141, 861-868.	0.4	16
122	A joint model for hierarchical continuous and zero-inflated overdispersed count data. Journal of Statistical Computation and Simulation, 2015, 85, 552-571.	0.7	16
123	Mixed models approaches for joint modeling of different types of responses. Journal of Biopharmaceutical Statistics, 2016, 26, 601-618.	0.4	16
124	Behaviour of the likelihood ratio test statistic under a bahadur model for exchangeable binary data. Journal of Statistical Computation and Simulation, 1998, 61, 15-38.	0.7	15
125	Model-Based Estimates of Long-Term Persistence of Induced HPV Antibodies: A Flexible Subject-Specific Approach. Journal of Biopharmaceutical Statistics, 2013, 23, 1228-1248.	0.4	15
126	Iterative Multiple Imputation: A Framework to Determine the Number of Imputed Datasets. American Statistician, 2020, 74, 125-136.	0.9	15



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127	Infectious diseases epidemiology, quantitative methodology, and clinical research in the midst of the COVID-19 pandemic: Perspective from a European country. <i>Contemporary Clinical Trials</i> , 2020, 99, 106189.	0.8	14
128	Can COVID-19 symptoms as reported in a large-scale online survey be used to optimise spatial predictions of COVID-19 incidence risk in Belgium?. <i>Spatial and Spatio-temporal Epidemiology</i> , 2020, 35, 100379.	0.9	14
129	Methods for Analyzing Multivariate Binary Data, with Association between Outcomes of Interest. <i>Biometrics</i> , 1996, 52, 1121.	0.8	13
130	A pattern-mixture odds ratio model for incomplete categorical data. <i>Communications in Statistics - Theory and Methods</i> , 1999, 28, 2843-2869.	0.6	13
131	Formal and Informal Model Selection with Incomplete Data. <i>Statistical Science</i> , 2008, 23, .	1.6	13
132	Modeling overdispersed longitudinal binary data using a combined beta and normal random-effects model. <i>Archives of Public Health</i> , 2012, 70, 7.	1.0	13
133	Surrogate end points: hopes and perils. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2008, 8, 255-259.	0.7	12
134	A Unified Approach to Multi-item Reliability. <i>Biometrics</i> , 2010, 66, 1061-1068.	0.8	12
135	An information-theoretic approach to surrogate-marker evaluation with failure time endpoints. <i>Lifetime Data Analysis</i> , 2011, 17, 195-214.	0.4	12
136	Analysis of an incomplete binary outcome derived from frequently recorded longitudinal continuous data: application to daily pain evaluation. <i>Statistics in Medicine</i> , 2012, 31, 1554-1571.	0.8	12
137	A joint model for longitudinal continuous and time-to-event outcomes with direct marginal interpretation. <i>Biometrical Journal</i> , 2013, 55, 572-588.	0.6	12
138	An Information-Theoretic Approach for the Evaluation of Surrogate Endpoints Based on Causal Inference. <i>Biometrics</i> , 2016, 72, 669-677.	0.8	12
139	Missing data perspectives of the fluvoxamine data set: a review. , 1999, 18, 2449-2464.		11
140	A joint marginalized multilevel model for longitudinal outcomes. <i>Journal of Applied Statistics</i> , 2012, 39, 2413-2430.	0.6	11
141	Reliability measures in item response theory: Manifest versus latent correlation functions. <i>British Journal of Mathematical and Statistical Psychology</i> , 2015, 68, 43-64.	1.0	11
142	Establishing normative data for multi-trial memory tests: the multivariate regression-based approach. <i>Clinical Neuropsychologist</i> , 2017, 31, 1173-1187.	1.5	11
143	Repeated-measures models to evaluate a hepatitis B vaccination programme. <i>Statistics in Medicine</i> , 2001, 20, 951-963.	0.8	10
144	Kernel weighted influence measures. <i>Computational Statistics and Data Analysis</i> , 2005, 48, 467-487.	0.7	10

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145	Flexible surrogate marker evaluation from several randomized clinical trials with continuous endpoints, using R and SAS. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 4152-4163.	0.7	10
146	Incomplete Data in Clinical Studies: Analysis, Sensitivity, and Sensitivity Analysis. <i>Drug Information Journal</i> , 2009, 43, 409-429.	0.5	10
147	Rejoinder on: Missing data methods in longitudinal studies: a review. <i>Test</i> , 2009, 18, 68-75.	0.7	10
148	Semi-parametric marginal models for hierarchical data and their corresponding full models. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 585-597.	0.7	10
149	A characterization of missingness at random in a generalized shared-parameter joint modeling framework for longitudinal and time-to-event data, and sensitivity analysis. <i>Biometrical Journal</i> , 2014, 56, 1001-1015.	0.6	10
150	Is there a correlation between maternal venous hemodynamic dysfunction and proteinuria of preeclampsia?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2014, 181, 246-250.	0.5	10
151	A combined gamma frailty and normal random-effects model for repeated, overdispersed time-to-event data. <i>Statistical Methods in Medical Research</i> , 2015, 24, 434-452.	0.7	10
152	Modeling combined continuous and ordinal outcomes in a clustered setting. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2004, 9, 515-530.	0.7	9
153	A flexible marginal modelling strategy for non-monotone missing data. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2008, 171, 347-373.	0.6	9
154	Ignoring overdispersion in hierarchical loglinear models: Possible problems and solutions. <i>Statistics in Medicine</i> , 2012, 31, 1475-1482.	0.8	9
155	Local influence diagnostics for generalized linear mixed models with overdispersion. <i>Journal of Applied Statistics</i> , 2017, 44, 620-641.	0.6	9
156	Evaluation of six months sputum culture conversion as a surrogate endpoint in a multidrug resistant-tuberculosis trial. <i>PLoS ONE</i> , 2018, 13, e0200539.	1.1	9
157	Univariate Versus Multivariate Surrogates in the Single-Trial Setting. <i>Statistics in Biopharmaceutical Research</i> , 2019, 11, 301-310.	0.6	9
158	Bayesian testing for trend in a power model for clustered binary data. <i>Environmental and Ecological Statistics</i> , 2004, 11, 305-322.	1.9	8
159	Biometry, Biometrics, Biostatistics, Bioinformatics, ... , Bio-X. <i>Biometrics</i> , 2005, 61, 1-9.	0.8	8
160	A HIERARCHICAL BINOMIAL-POISSON MODEL FOR THE ANALYSIS OF A CROSSOVER DESIGN FOR CORRELATED BINARY DATA WHEN THE NUMBER OF TRIALS IS DOSE-DEPENDENT. <i>Journal of Biopharmaceutical Statistics</i> , 2005, 15, 225-239.	0.4	8
161	Using earlier measures in a longitudinal sequence as a potential surrogate for a later one. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 1342-1354.	0.7	8
162	A hierarchical Bayesian approach for the analysis of longitudinal count data with overdispersion: A simulation study. <i>Computational Statistics and Data Analysis</i> , 2013, 57, 233-245.	0.7	8

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163	On the Connections Between Bridge Distributions, Marginalized Multilevel Models, and Generalized Linear Mixed Models. <i>International Journal of Statistics and Probability</i> , 2013, 2, .	0.1	8
164	Local influence diagnostics for hierarchical count data models with overdispersion and excess zeros. <i>Biometrical Journal</i> , 2016, 58, 1390-1408.	0.6	8
165	Exploring the relationship between the causal inference and meta-analytic paradigms for the evaluation of surrogate endpoints. <i>Statistics in Medicine</i> , 2016, 35, 1281-1298.	0.8	8
166	A linear mixed model to estimate COVID-19-induced excess mortality. <i>Biometrics</i> , 2023, 79, 417-425.	0.8	8
167	Litter-based methods in developmental toxicity risk assessment. <i>Environmental and Ecological Statistics</i> , 2000, 7, 57-76.	1.9	7
168	Information Theory-Based Surrogate Marker Evaluation from Several Randomized Clinical Trials with Binary Endpoints, Using SAS. <i>Journal of Biopharmaceutical Statistics</i> , 2008, 18, 326-341.	0.4	7
169	Marginal Correlation in Longitudinal Binary Data Based on Generalized Linear Mixed Models. <i>Communications in Statistics - Theory and Methods</i> , 2010, 39, 3540-3557.	0.6	7
170	Comparison of risks of cardiovascular events in the elderly using standard survival analysis and multiple-events and recurrent-events methods. <i>BMC Medical Research Methodology</i> , 2015, 15, 15.	1.4	7
171	Different methods for handling incomplete longitudinal binary outcome due to missing at random dropout. <i>Statistical Methodology</i> , 2015, 24, 12-27.	0.5	7
172	A flexible joint modeling framework for longitudinal and time-to-event data with overdispersion. <i>Statistical Methods in Medical Research</i> , 2016, 25, 1661-1676.	0.7	7
173	Multiple Imputation. , 0, , 105-117.		7
174	Multivariate Clustered Data Analysis in Developmental Toxicity Studies. <i>Statistica Neerlandica</i> , 2001, 55, 319-345.	0.9	6
175	A comparison of various software tools for dealing with missing data via imputation. <i>Journal of Statistical Computation and Simulation</i> , 2011, 81, 1653-1675.	0.7	6
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