

# Geert Verbeke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1643795/publications.pdf>

Version: 2024-02-01

251  
papers

10,425  
citations

44069

48  
h-index

39675

94  
g-index

265  
all docs

265  
docs citations

265  
times ranked

11515  
citing authors

#	ARTICLE	IF	CITATIONS
1	A linear mixed model to estimate COVID-19-induced excess mortality. <i>Biometrics</i> , 2023, 79, 417-425.	1.4	8
2	Model selection for Bayesian linear mixed models with longitudinal data: Sensitivity to the choice of priors. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 1591-1615.	1.2	10
3	Optimal weighted estimation versus Cochran-Mantel-Haenszel. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 3645-3659.	1.2	1
4	Bayesian model selection for multilevel mediation models. <i>Statistica Neerlandica</i> , 2022, 76, 219-235.	1.6	2
5	Implementing the meta-analytic approach for the evaluation of surrogate endpoints in SAS and R: a word of caution. <i>Journal of Biopharmaceutical Statistics</i> , 2022, 32, 705-716.	0.8	0
6	Latent Ornstein-Uhlenbeck models for Bayesian analysis of multivariate longitudinal categorical responses. <i>Biometrics</i> , 2021, 77, 689-701.	1.4	4
7	Prophylactic ureteral catheterization in the intraoperative diagnosis of iatrogenic ureteral injury. <i>Acta Chirurgica Belgica</i> , 2021, 121, 261-266.	0.4	8
8	Serial correlation structures in latent linear mixed models for analysis of multivariate longitudinal ordinal responses. <i>Statistics in Medicine</i> , 2021, 40, 578-592.	1.6	1
9	Modeling local dependence in latent vector autoregressive models. <i>Biostatistics</i> , 2021, 22, 148-163.	1.5	3
10	Bayesian analysis of differential effects in multi-group regression methods. <i>Statistical Modelling</i> , 2021, 21, 244-263.	1.1	1
11	Longitudinal Joint Modelling of Ordinal and Overdispersed Count Outcomes: A Bridge Distribution for the Ordinal Random Intercept. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-13.	1.3	2
12	Improved longitudinal data analysis for cross-over design settings, with a piecewise linear mixed-effects model. <i>Communications in Statistics Case Studies Data Analysis and Applications</i> , 2021, 7, 413-431.	0.3	0
13	The evolution of histological changes suggestive of antibody-mediated injury, in the presence and absence of donor-specific anti-HLA antibodies. <i>Transplant International</i> , 2021, 34, 1824-1836.	1.6	11
14	Vertex Exchange Method for non-parametric estimation of mixing distributions in logistic mixed models. <i>Statistical Modelling</i> , 2021, 21, 359-377.	1.1	0
15	Iterative Multiple Imputation: A Framework to Determine the Number of Imputed Datasets. <i>American Statistician</i> , 2020, 74, 125-136.	1.6	15
16	Doubly robust pseudo-likelihood for incomplete hierarchical binary data. <i>Statistical Modelling</i> , 2020, 20, 42-57.	1.1	0
17	An interpretation of radial basis function networks as zero-mean Gaussian process emulators in cluster space. <i>Journal of Computational and Applied Mathematics</i> , 2020, 363, 249-255.	2.0	4
18	Bayesian model selection in linear mixed models for longitudinal data. <i>Journal of Applied Statistics</i> , 2020, 47, 890-913.	1.3	13

#	ARTICLE	IF	CITATIONS
19	Random effect exponentiated-exponential geometric model for clustered/longitudinal zero-inflated count data. <i>Journal of Applied Statistics</i> , 2020, 47, 2272-2288.	1.3	2
20	Eplet Mismatch Load and De Novo Occurrence of Donor-Specific Anti-HLA Antibodies, Rejection, and Graft Failure after Kidney Transplantation: An Observational Cohort Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2193-2204.	6.1	98
21	Predicting the chance on live birth per cycle at each step of the IVF journey: external validation and update of the van Loendersloot multivariable prognostic model. <i>BMJ Open</i> , 2020, 10, e037289.	1.9	5
22	A modified Tucker's congruence coefficient for factor matching. <i>Methodology</i> , 2020, 16, 59-74.	1.1	4
23	Extending Gaussian process emulation using cluster analysis and artificial neural networks to fit big training sets. <i>Journal of Simulation</i> , 2019, 13, 195-208.	1.5	1
24	A reflection on the possibility of finding a good surrogate. <i>Journal of Biopharmaceutical Statistics</i> , 2019, 29, 468-477.	0.8	1
25	Fast two-stage estimator for clustered count data with overdispersion. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 2678-2693.	1.2	3
26	Occurrence of Diabetic Nephropathy After Renal Transplantation Despite Intensive Glycemic Control: An Observational Cohort Study. <i>Diabetes Care</i> , 2019, 42, 625-634.	8.6	19
27	A Weibull-count approach for handling under- and overdispersed longitudinal/clustered data structures. <i>Statistical Modelling</i> , 2019, 19, 569-589.	1.1	5
28	A closed-form estimator for meta-analysis and surrogate markers evaluation. <i>Journal of Biopharmaceutical Statistics</i> , 2019, 29, 318-332.	0.8	6
29	A Tutorial on the Practical Use and Implication of Complete Sufficient Statistics. <i>International Statistical Review</i> , 2018, 86, 403-414.	1.9	2
30	On using multiple imputation for exploratory factor analysis of incomplete data. <i>Behavior Research Methods</i> , 2018, , 1.	4.0	4
31	On using multiple imputation for exploratory factor analysis of incomplete data. <i>Behavior Research Methods</i> , 2018, 50, 501-517.	4.0	33
32	Mixed Models with Emphasis on Large Data Sets. <i>Quantitative Methods in the Humanities and Social Sciences</i> , 2018, , 11-28.	0.1	1
33	Local influence diagnostics for hierarchical finite mixture random effects models. <i>Biometrical Journal</i> , 2018, 60, 369-380.	1.0	0
34	Detecting influential observations in a model-based cluster analysis. <i>Statistical Methods in Medical Research</i> , 2018, 27, 521-540.	1.5	1
35	Targeted HIV Screening in Eight Emergency Departments: The DICI-VIH Cluster-Randomized Two-Period Crossover Trial. <i>Annals of Emergency Medicine</i> , 2018, 72, 41-53.e9.	0.6	21
36	A generalization of inverse distance weighting and an equivalence relationship to noise-free Gaussian process interpolation via Riesz representation theorem. <i>Linear and Multilinear Algebra</i> , 2018, 66, 1054-1066.	1.0	4

#	ARTICLE	IF	CITATIONS
37	Fast, closed-form, and efficient estimators for hierarchical models with AR(1) covariance and unequal cluster sizes. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 1492-1505.	1.2	6
38	Time Course of Upper Limb Function in Children with Unilateral Cerebral Palsy: A Five-Year Follow-Up Study. <i>Neural Plasticity</i> , 2018, 2018, 1-9.	2.2	14
39	Response to comments on "Marginalized multilevel hurdle and zero-inflated models for overdispersed and correlated count data with excess zeros" <i>Statistics in Medicine</i> , 2018, 37, 1942-1946.	1.6	0
40	Analyses of the short- and long-term graft survival after kidney transplantation in Europe between 1986 and 2015. <i>Kidney International</i> , 2018, 94, 964-973.	5.2	198
41	Clusters with random size: maximum likelihood versus weighted estimation. <i>Statistica Sinica</i> , 2018, , .	0.3	3
42	Fast and highly efficient pseudo-likelihood methodology for large and complex ordinal data. <i>Statistical Methods in Medical Research</i> , 2017, 26, 2758-2779.	1.5	6
43	A goodness-of-fit test for the random-effects distribution in mixed models. <i>Statistical Methods in Medical Research</i> , 2017, 26, 970-983.	1.5	19
44	A comparative study on estimation methods to deal with the endogeneity in linear random-intercept models with an extension. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 171-186.	1.2	0
45	Negative variance components for non-negative hierarchical data with correlation, over-, and/or underdispersion. <i>Journal of Applied Statistics</i> , 2017, 44, 1047-1063.	1.3	6
46	Local influence diagnostics for generalized linear mixed models with overdispersion. <i>Journal of Applied Statistics</i> , 2017, 44, 620-641.	1.3	9
47	A sensitivity analysis of probabilistic sensitivity analysis in terms of the density function for the input variables. <i>Journal of Statistical Computation and Simulation</i> , 2017, 87, 1429-1445.	1.2	0
48	The analysis of multivariate longitudinal data: A review. <i>Statistical Methods in Medical Research</i> , 2017, 26, 112-112.	1.5	4
49	Modeling Through Latent Variables. <i>Annual Review of Statistics and Its Application</i> , 2017, 4, 267-282.	7.0	6
50	Fast precision estimation in high-dimensional multivariate joint models. <i>Biometrical Journal</i> , 2017, 59, 1221-1231.	1.0	4
51	Mechanism for missing data incorporated in joint modelling of ordinal responses. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2017, 66, 1049-1064.	1.0	0
52	A shared parameter model of longitudinal measurements and survival time with heterogeneous random-effects distribution. <i>Journal of Applied Statistics</i> , 2017, 44, 2813-2836.	1.3	12
53	Diagnosing Misspecification of the Random-Effects Distribution in Mixed Models. <i>Biometrics</i> , 2017, 73, 63-71.	1.4	28
54	Psychometric properties and comparison of different techniques for factor analysis on the Big Five Inventory from a Flemish sample. <i>Personality and Individual Differences</i> , 2017, 117, 122-129.	2.9	10

#	ARTICLE	IF	CITATIONS
55	Application of the Vertex Exchange Method to estimate a semi-parametric mixture model for the MIC density of <i>Escherichia coli</i> isolates tested for susceptibility against ampicillin. <i>Biostatistics</i> , 2016, 17, kxv030.	1.5	5
56	Completeness of assisted bathing in nursing homes related to dementia and bathing method: results from a secondary analysis of cluster-randomised trial data. <i>International Journal of Older People Nursing</i> , 2016, 11, 121-129.	1.3	12
57	Finite information limit variance-covariance structures: Is the entire dataset needed for analysis?. , 2016, , .		0
58	Pre-slaughter sound levels and pre-slaughter handling from loading at the farm till slaughter influence pork quality. <i>Meat Science</i> , 2016, 116, 86-90.	5.5	8
59	A Mixed Model to Disentangle Variance and Serial Autocorrelation in Affective Instability Using Ecological Momentary Assessment Data. <i>Multivariate Behavioral Research</i> , 2016, 51, 446-465.	3.1	10
60	Unbalanced cluster sizes and rates of convergence in mixed-effects models for clustered data. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 2123-2139.	1.2	6
61	Estimating the reliability of repeatedly measured endpoints based on linear mixed-effects models. A tutorial. <i>Pharmaceutical Statistics</i> , 2016, 15, 486-493.	1.3	10
62	Local influence diagnostics for hierarchical count data models with overdispersion and excess zeros. <i>Biometrical Journal</i> , 2016, 58, 1390-1408.	1.0	8
63	Local influence diagnostics for incomplete overdispersed longitudinal counts. <i>Journal of Applied Statistics</i> , 2016, 43, 1722-1737.	1.3	4
64	Mixed models approaches for joint modeling of different types of responses. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 601-618.	0.8	16
65	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.	1.5	7
66	Properties of Estimators in Exponential Family Settings with Observationbased Stopping Rules. <i>Journal of Biometrics &amp; Biostatistics</i> , 2015, 07, .	4.0	3
67	A joint model for hierarchical continuous and zero-inflated overdispersed count data. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 552-571.	1.2	16
68	Reliability measures in item response theory: Manifest versus latent correlation functions. <i>British Journal of Mathematical and Statistical Psychology</i> , 2015, 68, 43-64.	1.4	11
69	Lung lesions increase the risk of reduced meat quality of slaughter pigs. <i>Meat Science</i> , 2015, 108, 106-108.	5.5	14
70	Sound levels above 85dB pre-slaughter influence pork quality. <i>Meat Science</i> , 2015, 100, 269-274.	5.5	10
71	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.	1.5	10
72	Estimation After a Group Sequential Trial. <i>Statistics in Biosciences</i> , 2015, 7, 187-205.	1.2	6

#	ARTICLE	IF	CITATIONS
73	Pre-slaughter handling and pork quality. <i>Meat Science</i> , 2015, 100, 118-123.	5.5	26
74	A zero-inflated overdispersed hierarchical Poisson model. <i>Statistical Modelling</i> , 2014, 14, 439-456.	1.1	20
75	A model for overdispersed hierarchical ordinal data. <i>Statistical Modelling</i> , 2014, 14, 399-415.	1.1	5
76	Do early paternal exposures to lifestyle factors such as smoking increase the risk of chronic diseases in the offspring?. <i>European Journal of Human Genetics</i> , 2014, 22, 1341-1342.	2.8	10
77	Estimation of the wild-type minimum inhibitory concentration value distribution. <i>Statistics in Medicine</i> , 2014, 33, 289-303.	1.6	13
78	Marginalized multilevel hurdle and zero-inflated models for overdispersed and correlated count data with excess zeros. <i>Statistics in Medicine</i> , 2014, 33, 4402-4419.	1.6	30
79	The association between sow and piglet behavior. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2014, 9, 107-113.	1.2	23
80	Characterization of the peripheral blood transcriptome in a repeated measures design using a panel of healthy individuals. <i>Genomics</i> , 2014, 103, 31-39.	2.9	13
81	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.	1.0	10
82	Effects of time-invariant covariates on the estimation of longitudinal trends for transition mixed models. <i>Statistics in Medicine</i> , 2014, 33, 4743-4755.	1.6	0
83	Marginal Correlation from Logit- and Probit-Beta-Normal Models for Hierarchical Binary Data. <i>Communications in Statistics - Theory and Methods</i> , 2014, 43, 4164-4178.	1.0	2
84	The global burden of listeriosis: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1073-1082.	9.1	499
85	The analysis of multivariate longitudinal data: A review. <i>Statistical Methods in Medical Research</i> , 2014, 23, 42-59.	1.5	199
86	Multi-model inference using mixed effects from a linear regression based genetic algorithm. <i>BMC Bioinformatics</i> , 2014, 15, 88.	2.6	0
87	A new semi-parametric mixture model for interval censored data, with applications in the field of antimicrobial resistance. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 30-42.	1.2	14
88	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.	1.5	23
89	Missing Data. , 2014, , 1283-1335.		4
90	Sick leave due to back pain in a cohort of young workers. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 887-899.	2.3	4

#	ARTICLE	IF	CITATIONS
91	Randomized Trial of Modified Constraint-Induced Movement Therapy With and Without an Intensive Therapy Program in Children With Unilateral Cerebral Palsy. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 799-807.	2.9	38
92	Interactions between climatological variables and sheltering behavior of pastoral beef cattle during sunny weather in a temperate climate. <i>Journal of Animal Science</i> , 2013, 91, 943-949.	0.5	15
93	Testing multiple variance components in linear mixed-effects models. <i>Biostatistics</i> , 2013, 14, 144-159.	1.5	46
94	Double serial correlation for multilevel growth curve models. <i>Quality and Quantity</i> , 2013, 47, 1413-1427.	3.7	2
95	Effect of different dietary total Lys:energy ratios and dietary energy concentrations in phase feeding from weaning to slaughter on performance and carcass measures of crossbred pigs selected for leanness. <i>Livestock Science</i> , 2013, 155, 332-342.	1.6	1
96	Convergent Validity of the Cognitive Performance Scale of the interRAI Acute Care and the Mini-Mental State Examination. <i>American Journal of Geriatric Psychiatry</i> , 2013, 21, 636-645.	1.2	28
97	Clinical Changes in Older Adults During Hospitalization: Responsiveness of the interRAI Acute Care Instrument. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 799-804.	2.6	9
98	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.	1.5	52
99	Identifying differentially expressed genes in the absence of replication. <i>International Journal of Bioinformatics Research and Applications</i> , 2013, 9, 71.	0.2	1
100	On the Connections Between Bridge Distributions, Marginalized Multilevel Models, and Generalized Linear Mixed Models. <i>International Journal of Statistics and Probability</i> , 2013, 2, .	0.3	8
101	Comparison of Growth Performance, Body Composition, Body Conformation and Meat Quality Between Three Genetic Pig Lines. <i>Open Agriculture Journal</i> , 2013, 7, 96-106.	0.8	1
102	beadarrayFilter: An R Package to Filter Beads. <i>R Journal</i> , 2013, 5, 171.	1.8	1
103	Generalized Linear Mixed Models – Overview. , 2013, , 127-140.		1
104	Piecewise transition models with random effects for unequally spaced longitudinal measurements. <i>Statistical Modelling</i> , 2012, 12, 503-525.	1.1	2
105	A Meta-Analytical Framework to Include Historical Data in Allometric Scaling. <i>Statistics in Biopharmaceutical Research</i> , 2012, 4, 205-215.	0.8	2
106	Testing variance components in balanced linear growth curve models. <i>Journal of Applied Statistics</i> , 2012, 39, 563-572.	1.3	8
107	Gene Filtering in the Analysis of Illumina Microarray Experiments. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2012, 11, .	0.6	3
108	Chromosome Instability Is Common in Human Cleavage-Stage Embryos. <i>Obstetrical and Gynecological Survey</i> , 2012, 67, 787-788.	0.4	1

#	ARTICLE	IF	CITATIONS
109	Sexual dimorphism in multiple aspects of 3D facial symmetry and asymmetry defined by spatially dense geometric morphometrics. <i>Journal of Anatomy</i> , 2012, 221, 97-114.	1.5	84
110	Interrater reliability of the interRAI Acute Care (interRAI AC). <i>Archives of Gerontology and Geriatrics</i> , 2012, 55, 165-172.	3.0	28
111	Microarray analysis of copy number variation in single cells. <i>Nature Protocols</i> , 2012, 7, 281-310.	12.0	34
112	Report of the Editorsâ€™2011. <i>Biometrics</i> , 2012, 68, vii-x.	1.4	0
113	Modeling overdispersed longitudinal binary data using a combined beta and normal random-effects model. <i>Archives of Public Health</i> , 2012, 70, 7.	2.4	13
114	A mixed effects least squares support vector machine model for classification of longitudinal data. <i>Computational Statistics and Data Analysis</i> , 2012, 56, 611-628.	1.2	27
115	Arm and hand function in children with unilateral cerebral palsy: A one-year follow-up study. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 257-265.	1.6	39
116	Oncology patientsâ€™ perceptions of the good nurse: an explorative study on the psychometric properties of the Flemish adaptation of the Careâ€™Q instrument. <i>Journal of Clinical Nursing</i> , 2012, 21, 1387-1400.	3.0	5
117	Improving survival, growth rate, and animal welfare in piglets by avoiding teeth shortening and tail docking. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2012, 7, 88-93.	1.2	9
118	A combined beta and normal random-effects model for repeated, overdispersed binary and binomial data. <i>Journal of Multivariate Analysis</i> , 2012, 111, 94-109.	1.0	17
119	Convergent Validity of the Cognitive Performance Scale of the interRAI Acute Care and the Mini-Mental State Examination. <i>American Journal of Geriatric Psychiatry</i> , 2012, , 1.	1.2	3
120	Generalized shared-parameter models and missingness at random. <i>Statistical Modelling</i> , 2011, 11, 279-310.	1.1	31
121	Report of the Editors-2010. <i>Biometrics</i> , 2011, 67, vii-ix.	1.4	0
122	A diagnostic modelling framework to construct indices of biotic integrity: A case study of fish in the Zeeschelde estuary (Belgium). <i>Estuarine, Coastal and Shelf Science</i> , 2011, 94, 222-233.	2.1	7
123	Pseudo-likelihood methodology for partitioned large and complex samples. <i>Statistics and Probability Letters</i> , 2011, 81, 892-901.	0.7	21
124	Cross-validated stepwise regression for identification of novel non-nucleoside reverse transcriptase inhibitor resistance associated mutations. <i>BMC Bioinformatics</i> , 2011, 12, 386.	2.6	15
125	Estimating negative variance components from Gaussian and non-Gaussian data: A mixed models approach. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 1071-1085.	1.2	18
126	On the Weibull-Gamma frailty model, its infinite moments, and its connection to generalized log-logistic, logistic, Cauchy, and extreme-value distributions. <i>Journal of Statistical Planning and Inference</i> , 2011, 141, 861-868.	0.6	16



#	ARTICLE	IF	CITATIONS
127	Marginal correlation from an extended random-effects model for repeated and overdispersed counts. <i>Journal of Applied Statistics</i> , 2011, 38, 215-232.	1.3	21
128	A note on a hierarchical interpretation for negative variance components. <i>Statistical Modelling</i> , 2011, 11, 389-408.	1.1	19
129	Patients' Experiences with Patient-Centred Care are Associated with Documented outcome of Care Indicators for Diabetes: Findings from the Leuven Diabetes Project. <i>International Journal of Care Pathways</i> , 2011, 15, 65-75.	0.5	4
130	The use of semiparametric mixed models to analyze PamChip <sup>®</sup> peptide array data: an application to an oncology experiment. <i>Bioinformatics</i> , 2011, 27, 2859-2865.	4.1	9
131	Behavior of piglets after castration with or without carbon dioxide anesthesia1. <i>Journal of Animal Science</i> , 2011, 89, 3310-3317.	0.5	20
132	A Sensitivity Analysis for Shared $\delta$ Parameter Models for Incomplete Longitudinal Outcomes. <i>Biometrical Journal</i> , 2010, 52, 111-125.	1.0	29
133	Monitoring Modifiable Cardiovascular Risk in Type 2 Diabetes Care in General Practice. <i>Medical Care</i> , 2010, 48, 589-595.	2.4	3
134	A Family of Generalized Linear Models for Repeated Measures with Normal and Conjugate Random Effects. <i>Statistical Science</i> , 2010, 25, .	2.8	121
135	Discovering Transgenic Elite Events: Using $\delta$ Information from Early Screening Trials for Improving Experimental Design. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2010, 15, 403-415.	1.4	1
136	Effectiveness of the introduction of a Chronic Care Model-based program for type 2 diabetes in Belgium. <i>BMC Health Services Research</i> , 2010, 10, 207.	2.2	31
137	Joint modeling of progression $\delta$ free survival and death in advanced cancer clinical trials. <i>Statistics in Medicine</i> , 2010, 29, 1724-1734.	1.6	14
138	Multiple $\delta$ Imputation $\delta$ Based Residuals and Diagnostic Plots for Joint Models of Longitudinal and Survival Outcomes. <i>Biometrics</i> , 2010, 66, 20-29.	1.4	47
139	Nonignorable Models for Intermittently Missing Categorical Longitudinal Responses. <i>Biometrics</i> , 2010, 66, 834-844.	1.4	13
140	Report of the Editors $\delta$ 2009. <i>Biometrics</i> , 2010, 66, vii.	1.4	0
141	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.	1.1	21
142	A comparison of methods for estimating the random effects distribution of a linear mixed model. <i>Statistical Methods in Medical Research</i> , 2010, 19, 575-600.	1.5	18
143	Flexible estimation of serial correlation in nonlinear mixed models. <i>Journal of Applied Statistics</i> , 2010, 37, 833-846.	1.3	0
144	Effect of unloading, lairage, pig handling, stunning and season on pH of pork. <i>Meat Science</i> , 2010, 86, 931-937.	5.5	70

#	ARTICLE	IF	CITATIONS
145	Start improving the quality of care for people with type 2 diabetes through a general practice support program: A cluster randomized trial. <i>Diabetes Research and Clinical Practice</i> , 2010, 88, 56-64.	2.8	37
146	Random Effects Models for Longitudinal Data. , 2010, , 37-96.		45
147	Evidence for Co-Evolution between Human MicroRNAs and Alu-Repeats. <i>PLoS ONE</i> , 2009, 4, e4456.	2.5	87
148	LONGITUDINAL AND INCOMPLETE CLINICAL STUDIES. <i>Journal of the Japanese Society of Computational Statistics</i> , 2009, 22, 1-32.	0.2	1
149	A Nonlinear Mixed-Effects Model for Estimating Calibration Intervals for Unknown Concentrations in Two-Color Microarray Data with Spike-Ins. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2009, 8, 1-25.	0.6	1
150	Physical characteristics of the back are not predictive of low back pain in healthy workers: A prospective study. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 2.	1.9	22
151	Interdisciplinary diabetes care teams operating on the interface between primary and specialty care are associated with improved outcomes of care: findings from the Leuven Diabetes Project. <i>BMC Health Services Research</i> , 2009, 9, 179.	2.2	52
152	Reproductive benefits of high social status in male macaques ( <i>Macaca</i> ). <i>Animal Behaviour</i> , 2009, 78, 643-649.	1.9	40
153	Marginalizing pattern-mixture models for categorical data subject to monotone missingness. <i>Metrika</i> , 2009, 69, 305-336.	0.8	1
154	A Semi-Parametric Shared Parameter Model to Handle Nonmonotone Nonignorable Missingness. <i>Biometrics</i> , 2009, 65, 81-87.	1.4	62
155	Fully Exponential Laplace Approximations for the Joint Modelling of Survival and Longitudinal Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 637-654.	2.2	86
156	A Multifaceted Sensitivity Analysis of the Slovenian Public Opinion Survey Data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2009, 58, 171-196.	1.0	5
157	Nonlinear Models for Longitudinal Data. <i>American Statistician</i> , 2009, 63, 378-388.	1.6	24
158	The Effective Sample Size and an Alternative Small-Sample Degrees-of-Freedom Method. <i>American Statistician</i> , 2009, 63, 389-399.	1.6	75
159	Chromosome instability is common in human cleavage-stage embryos. <i>Nature Medicine</i> , 2009, 15, 577-583.	30.7	710
160	Discussion of Likelihood Inference for Models with Unobservables: Another View. <i>Statistical Science</i> , 2009, 24, .	2.8	2
161	A cluster randomized trial to improve adherence to evidence-based guidelines on diabetes and reduce clinical inertia in primary care physicians in Belgium: study protocol [NTR 1369]. <i>Implementation Science</i> , 2008, 3, 42.	6.9	14
162	A Latent-Class Mixture Model for Incomplete Longitudinal Gaussian Data. <i>Biometrics</i> , 2008, 64, 96-105.	1.4	59

#	ARTICLE	IF	CITATIONS
163	A Two-Part Joint Model for the Analysis of Survival and Longitudinal Binary Data with Excess Zeros. <i>Biometrics</i> , 2008, 64, 611-619.	1.4	47
164	Ethics policies on euthanasia in nursing homes: A survey in Flanders, Belgium. <i>Social Science and Medicine</i> , 2008, 66, 376-386.	3.8	19
165	Shared parameter models under random effects misspecification. <i>Biometrika</i> , 2008, 95, 63-74.	2.4	107
166	Predicting renal graft failure using multivariate longitudinal profiles. <i>Biostatistics</i> , 2008, 9, 419-431.	1.5	52
167	Formal and Informal Model Selection with Incomplete Data. <i>Statistical Science</i> , 2008, 23, .	2.8	13
168	Incomplete hierarchical data. <i>Statistical Methods in Medical Research</i> , 2007, 16, 457-492.	1.5	15
169	Ethics policies on euthanasia in hospitals—A survey in Flanders (Belgium). <i>Health Policy</i> , 2007, 84, 170-180.	3.0	18
170	Random-effects models for multivariate repeated measures. <i>Statistical Methods in Medical Research</i> , 2007, 16, 387-397.	1.5	77
171	What Can Go Wrong With the Score Test?. <i>American Statistician</i> , 2007, 61, 289-290.	1.6	18
172	Likelihood Ratio, Score, and Wald Tests in a Constrained Parameter Space. <i>American Statistician</i> , 2007, 61, 22-27.	1.6	163
173	Conditional mixed models with crossed random effects. <i>British Journal of Mathematical and Statistical Psychology</i> , 2007, 60, 351-365.	1.4	30
174	An extended random-effects approach to modeling repeated, overdispersed count data. <i>Lifetime Data Analysis</i> , 2007, 13, 513-531.	0.9	104
175	Validation of a behavioral observation tool to assess pig welfare. <i>Physiology and Behavior</i> , 2006, 89, 438-447.	2.1	90
176	A comparison of procedures to correct for base-line differences in the analysis of continuous longitudinal data: a case-study. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2006, 55, 93-101.	1.0	9
177	High dimensional multivariate mixed models for binary questionnaire data. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2006, 55, 449-460.	1.0	19
178	Pairwise Fitting of Mixed Models for the Joint Modeling of Multivariate Longitudinal Profiles. <i>Biometrics</i> , 2006, 62, 424-431.	1.4	177
179	The nature of sensitivity in monotone missing not at random models. <i>Computational Statistics and Data Analysis</i> , 2006, 50, 830-858.	1.2	53
180	The role of physical workload and pain related fear in the development of low back pain in young workers: evidence from the BelCoBack Study; results after one year of follow up. <i>Occupational and Environmental Medicine</i> , 2006, 63, 45-52.	2.8	82

#	ARTICLE	IF	CITATIONS
181	Statistical inference in generalized linear mixed models: A review. British Journal of Mathematical and Statistical Psychology, 2006, 59, 225-255.	1.4	105
182	Is Anaemia a Risk Factor for Delirium in an Acute Geriatric Population?. Gerontology, 2006, 52, 382-385.	2.8	50
183	Analyzing Incomplete Discrete Longitudinal Clinical Trial Data. Statistical Science, 2006, 21, 52.	2.8	43
184	The effect of miss-specified baseline characteristics on inference for longitudinal trends in linear mixed models. Biostatistics, 2006, 8, 772-783.	1.5	9
185	Kernel weighted influence measures. Computational Statistics and Data Analysis, 2005, 48, 467-487.	1.2	10
186	Multiple Imputation for Model Checking: Completed-Data Plots with Missing and Latent Data. Biometrics, 2005, 61, 74-85.	1.4	96
187	On the relationship between all-cause, cardiovascular, cancer and residual mortality rates with age. European Journal of Cardiovascular Prevention and Rehabilitation, 2005, 12, 175-181.	2.8	6
188	On the relationship between all-cause, cardiovascular, cancer and residual mortality rates with age. European Journal of Cardiovascular Prevention and Rehabilitation, 2005, 12, 175-181.	2.8	5
189	Missing Data. , 2005, , 767-827.		0
190	Missing Data. , 2005, , 767-827.		0
191	Early and Repetitive Stimulation of the Arm Can Substantially Improve the Long-Term Outcome After Stroke: A 5-Year Follow-up Study of a Randomized Trial. Stroke, 2004, 35, 924-929.	2.0	151
192	Prospective Study on Late Consequences of Subclinical Non-Compliance with Immunosuppressive Therapy in Renal Transplant Patients. American Journal of Transplantation, 2004, 4, 1509-1513.	4.7	199
193	Joint modelling of multivariate longitudinal profiles: pitfalls of the random-effects approach. Statistics in Medicine, 2004, 23, 3093-3104.	1.6	91
194	Sensitivity Analysis for Pattern Mixture Models. Journal of Biopharmaceutical Statistics, 2004, 14, 125-143.	0.8	16
195	Risk factors for first-ever low back pain among workers in their first employment. Occupational Medicine, 2004, 54, 513-519.	1.4	78
196			

#	ARTICLE	IF	CITATIONS
199	Sensitivity Analysis of Continuous Incomplete Longitudinal Outcomes. <i>Statistica Neerlandica</i> , 2003, 57, 112-135.	1.6	16
200	Screening for prostate cancer by using random-effects models. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2003, 166, 51-62.	1.1	26
201	Applying Linear Mixed-Effects Models to the Problem of Measurement Error in Epidemiologic Studies. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2003, 32, 437-459.	1.2	3
202	Strategies to fit pattern-mixture models. <i>Biostatistics</i> , 2002, 3, 245-265.	1.5	128
203	Impaired tolerance for glucose in women with recurrent vaginal candidiasis. <i>American Journal of Obstetrics and Gynecology</i> , 2002, 187, 989-993.	1.3	59
204	Group Sequential Methods for an Ordinal Logistic Random-Effects Model Under Misspecification. <i>Biometrics</i> , 2002, 58, 569-575.	1.4	5
205	Conditional Linear Mixed Models. <i>American Statistician</i> , 2001, 55, 25-34.	1.6	56
206	A review on linear mixed models for longitudinal data, possibly subject to dropout. <i>Statistical Modelling</i> , 2001, 1, 235-269.	1.1	86
207	Parametric modelling of growth curve data: An overview. <i>Test</i> , 2001, 10, 1-73.	1.1	141
208	Influence analysis to assess sensitivity of the dropout process. <i>Computational Statistics and Data Analysis</i> , 2001, 37, 93-113.	1.2	32
209	Sensitivity Analysis for Nonrandom Dropout: A Local Influence Approach. <i>Biometrics</i> , 2001, 57, 7-14.	1.4	161
210	Frictional behavior of stainless steel bracket-wire combinations subjected to small oscillating displacements. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2001, 120, 371-377.	1.7	29
211	The Practical Use of Different Strategies to Handle Dropout in Longitudinal Studies. <i>Drug Information Journal</i> , 2001, 35, 419-434.	0.5	30
212	A local influence approach to sensitivity analysis of incomplete longitudinal ordinal data. <i>Statistical Modelling</i> , 2001, 1, 125-142.	1.1	24
213	An overview of group sequential methods in longitudinal clinical trials. <i>Statistical Methods in Medical Research</i> , 2000, 9, 497-515.	1.5	18
214	The Milk Protein Trial: Influence Analysis of the Dropout Process. <i>Biometrical Journal</i> , 2000, 42, 617-646.	1.0	28
215	Flexible Modelling of the Covariance Matrix in a Linear Random Effects Model. <i>Biometrical Journal</i> , 2000, 42, 807-822.	1.0	14
216	Linear Mixed Models for Longitudinal Data. <i>Springer Series in Statistics</i> , 2000, , .	0.9	451

#	ARTICLE	IF	CITATIONS
217	The Milk Protein Trial: Influence Analysis of the Dropout Process. <i>Biometrical Journal</i> , 2000, 42, 617-646.	1.0	1
218	An overview of group sequential methods in longitudinal clinical trials. <i>Statistical Methods in Medical Research</i> , 2000, 9, 497-515.	1.5	9
219	Variceal pressure is a strong predictor of variceal haemorrhage in patients with cirrhosis as well as in patients with non-cirrhotic portal hypertension. <i>Cut</i> , 1999, 45, 618-621.	12.1	42
220	The Effect of Drop-Out on the Efficiency of Longitudinal Experiments. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1999, 48, 363-375.	1.0	23
221	Down-Regulation of the Serum Stimulatory Components of the Insulin-like Growth Factor (IGF) System (IGF-I, IGF-II, IGF Binding Protein [BP]-3, and IGFBP-5) in Age-Related (Type II) Femoral Neck Osteoporosis. <i>Journal of Bone and Mineral Research</i> , 1999, 14, 2150-2158.	2.8	106
222	Assessing the goodness-of-fit of the Laird and Ware model - an example: the Jimma Infant Survival Differential Longitudinal Study. , 1999, 18, 835-854.		19
223	Comparative effects of neonatal and prepubertal castration on craniofacial growth in rats. <i>Archives of Oral Biology</i> , 1998, 43, 861-871.	1.8	22
224	The detection of residual serial correlation in linear mixed models. , 1998, 17, 1391-1402.		25
225	Local Influence in Linear Mixed Models. <i>Biometrics</i> , 1998, 54, 570.	1.4	198
226	Relationship between age-associated endocrine deficiencies and muscle function in elderly women: a cross-sectional study. <i>Age and Ageing</i> , 1998, 27, 449-454.	1.6	49
227	Describing the Natural Heterogeneity of Aging Using Multilevel Regression Models. <i>International Journal of Sports Medicine</i> , 1997, 18, S225-S231.	1.7	5
228	Craniofacial Growth in Short Children Born Small for Gestational Age: Effect of Growth Hormone Treatment. <i>Journal of Dental Research</i> , 1997, 76, 1579-1586.	5.2	46
229	Determinants of age-associated changes in os calcis ultrasonic indices in elderly women: potential involvement of geriatric hyposomatotropism in bone fragility. <i>Age and Ageing</i> , 1997, 26, 139-146.	1.6	4
230	Linear Mixed Models for Longitudinal Data. <i>Lecture Notes in Statistics</i> , 1997, , 63-153.	0.2	538
231	The Linear Mixed Model. A Critical Investigation in the Context of Longitudinal Data. <i>Lecture Notes in Statistics</i> , 1997, , 89-99.	0.2	6
232	Linear Mixed Models in Practice. <i>Lecture Notes in Statistics</i> , 1997, , .	0.2	400
233	Development and evaluation of a kit formulation for the preparation of <sup>99m</sup> Tc-DMP-HSA, a new tracer agent for radionuclide ventriculography. <i>Nuclear Medicine and Biology</i> , 1997, 24, 571-578.	0.6	3
234	Clustering of increased small intestinal permeability in families with Crohn's disease. <i>Gastroenterology</i> , 1997, 113, 802-807.	1.3	243

#	ARTICLE	IF	CITATIONS
235	In vitro peel/shear bond strength evaluation of orthodontic bracket base design. Journal of Dentistry, 1997, 25, 271-278.	4.1	39
236	In vitro peel/shear bond strength of orthodontic adhesives. Journal of Dentistry, 1997, 25, 263-270.	4.1	20
237	Age-Related (Type II) Femoral Neck Osteoporosis in Men: Biochemical Evidence for Both Hypovitaminosis D- and Androgen Deficiency-Induced Bone Resorption. Journal of Bone and Mineral Research, 1997, 12, 2119-2126.	2.8	116
238	Factors Associated with Cortical and Trabecular Bone Loss as Quantified by Peripheral Computed Tomography (pQCT) at the Ultradistal Radius in Aging Women. Calcified Tissue International, 1997, 60, 164-170.	3.1	76
239	Age-Associated Decline in Human Femoral Neck Cortical and Trabecular Content of Insulin-Like Growth Factor I: Potential Implications for Age-Related (Type II) Osteoporotic Fracture Occurrence. Calcified Tissue International, 1997, 61, 173-178.	3.1	57
240	The effect of misspecifying the random-effects distribution in linear mixed models for longitudinal data. Computational Statistics and Data Analysis, 1997, 23, 541-556.	1.2	256
241	The accuracy of peripheral skeletal assessment at the radius in estimating femoral bone density as measured by dual-energy X-ray absorptiometry: a comparative study of single-photon absorptiometry and computed tomography. Journal of Internal Medicine, 1997, 242, 323-328.	6.0	18
242	A Linear Mixed-Effects Model with Heterogeneity in the Random-Effects Population. Journal of the American Statistical Association, 1996, 91, 217-221.	3.1	419
243	A Linear Mixed-Effects Model With Heterogeneity in the Random-Effects Population. Journal of the American Statistical Association, 1996, 91, 217.	3.1	78
244	Measurement of femoral geometry in type I and type II osteoporosis: Differences in hip axis length consistent with heterogeneity in the pathogenesis of osteoporotic fractures. Journal of Bone and Mineral Research, 1995, 10, 1908-1912.	2.8	85
245	Cancer mortality and age: Relationship with dietary fat. Nutrition and Cancer, 1994, 22, 85-98.	2.0	14
246	A sensitivity analysis of two multivariate response models. Computational Statistics and Data Analysis, 1994, 17, 363-391.	1.2	5
247	Differential Inhibition of Vascular Prostacyclin and Platelet Thromboxane Synthesis by Different Doses Aspirin and by the Thromboxane Inhibitor Ridogrel (R 68070). Clinical and Experimental Hypertension Part B, Hypertension in Pregnancy, 1991, 10, 371-383.	0.2	3
248	A joint transition model for evaluating eGFR as biomarker for rejection after kidney transplantation. Statistical Modelling, 0, , 1471082X2110486.	1.1	0
249	A copula-based approach to joint modelling of multiple longitudinal responses with multimodal structures. Statistical Modelling, 0, , 1471082X2096716.	1.1	0
250	Bayesian Model Selection for Longitudinal Count Data. Sankhya B, 0, , 1.	0.9	0
251	Missing Data. , 0, , 403-424.		1