

# Geert Verbeke

## List of Publications by Year in descending order

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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	Chromosome instability is common in human cleavage-stage embryos. <i>Nature Medicine</i> , 2009, 15, 577-583.	30.7	710
2	Linear Mixed Models for Longitudinal Data. <i>Lecture Notes in Statistics</i> , 1997, , 63-153.	0.2	538
3	The global burden of listeriosis: a systematic review and meta-analysis. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 1073-1082.	9.1	499
4	Linear Mixed Models for Longitudinal Data. <i>Springer Series in Statistics</i> , 2000, , .	0.9	451
5	A Linear Mixed-Effects Model with Heterogeneity in the Random-Effects Population. <i>Journal of the American Statistical Association</i> , 1996, 91, 217-221.	3.1	419
6	Linear Mixed Models in Practice. <i>Lecture Notes in Statistics</i> , 1997, , .	0.2	400
7	The effect of misspecifying the random-effects distribution in linear mixed models for longitudinal data. <i>Computational Statistics and Data Analysis</i> , 1997, 23, 541-556.	1.2	256
8	Clustering of increased small intestinal permeability in families with Crohn's disease. <i>Gastroenterology</i> , 1997, 113, 802-807.	1.3	243
9	Prospective Study on Late Consequences of Subclinical Non-Compliance with Immunosuppressive Therapy in Renal Transplant Patients. <i>American Journal of Transplantation</i> , 2004, 4, 1509-1513.	4.7	199
10	The analysis of multivariate longitudinal data: A review. <i>Statistical Methods in Medical Research</i> , 2014, 23, 42-59.	1.5	199
11	Local Influence in Linear Mixed Models. <i>Biometrics</i> , 1998, 54, 570.	1.4	198
12	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
13	The Use of Score Tests for Inference on Variance Components. <i>Biometrics</i> , 2003, 59, 254-262.	1.4	191
14	Pairwise Fitting of Mixed Models for the Joint Modeling of Multivariate Longitudinal Profiles. <i>Biometrics</i> , 2006, 62, 424-431.	1.4	177
15	Likelihood Ratio, Score, and Wald Tests in a Constrained Parameter Space. <i>American Statistician</i> , 2007, 61, 22-27.	1.6	163
16	Sensitivity Analysis for Nonrandom Dropout: A Local Influence Approach. <i>Biometrics</i> , 2001, 57, 7-14.	1.4	161
17	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. <i>Stroke</i> , 2004, 35, 924-929.	2.0	151
18	Parametric modelling of growth curve data: An overview. <i>Test</i> , 2001, 10, 1-73.	1.1	141

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19	Strategies to fit pattern-mixture models. <i>Biostatistics</i> , 2002, 3, 245-265.	1.5	128
20	A Family of Generalized Linear Models for Repeated Measures with Normal and Conjugate Random Effects. <i>Statistical Science</i> , 2010, 25, .	2.8	121
21	Age-Related (Type II) Femoral Neck Osteoporosis in Men: Biochemical Evidence for Both Hypovitaminosis D- and Androgen Deficiency-Induced Bone Resorption. <i>Journal of Bone and Mineral Research</i> , 1997, 12, 2119-2126.	2.8	116
22	Shared parameter models under random effects misspecification. <i>Biometrika</i> , 2008, 95, 63-74.	2.4	107
23	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
24	Statistical inference in generalized linear mixed models: A review. <i>British Journal of Mathematical and Statistical Psychology</i> , 2006, 59, 225-255.	1.4	105
25	An extended random-effects approach to modeling repeated, overdispersed count data. <i>Lifetime Data Analysis</i> , 2007, 13, 513-531.	0.9	104
26	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
27	Multiple Imputation for Model Checking: Completed-Data Plots with Missing and Latent Data. <i>Biometrics</i> , 2005, 61, 74-85.	1.4	96
28	Joint modelling of multivariate longitudinal profiles: pitfalls of the random-effects approach. <i>Statistics in Medicine</i> , 2004, 23, 3093-3104.	1.6	91
29	Validation of a behavioral observation tool to assess pig welfare. <i>Physiology and Behavior</i> , 2006, 89, 438-447.	2.1	90
30	Evidence for Co-Evolution between Human MicroRNAs and Alu-Repeats. <i>PLoS ONE</i> , 2009, 4, e4456.	2.5	87
31	A review on linear mixed models for longitudinal data, possibly subject to dropout. <i>Statistical Modelling</i> , 2001, 1, 235-269.	1.1	86
32	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
33	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. <i>Journal of Bone and Mineral Research</i> , 1995, 10, 1908-1912.	2.8	85
34	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
35	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
36	Risk factors for first-ever low back pain among workers in their first employment. <i>Occupational Medicine</i> , 2004, 54, 513-519.	1.4	78

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37	A Linear Mixed-Effects Model With Heterogeneity in the Random-Effects Population. <i>Journal of the American Statistical Association</i> , 1996, 91, 217.	3.1	78
38	Random-effects models for multivariate repeated measures. <i>Statistical Methods in Medical Research</i> , 2007, 16, 387-397.	1.5	77
39	Factors Associated with Cortical and Trabecular Bone Loss as Quantified by Peripheral Computed Tomography (pQCT) at the Ultradistal Radius in Aging Women. <i>Calcified Tissue International</i> , 1997, 60, 164-170.	3.1	76
40	The Effective Sample Size and an Alternative Small-Sample Degrees-of-Freedom Method. <i>American Statistician</i> , 2009, 63, 389-399.	1.6	75
41	Effect of unloading, lairage, pig handling, stunning and season on pH of pork. <i>Meat Science</i> , 2010, 86, 931-937.	5.5	70
42	A Semi-Parametric Shared Parameter Model to Handle Nonmonotone Nonignorable Missingness. <i>Biometrics</i> , 2009, 65, 81-87.	1.4	62
43	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
44	A Latent-Class Mixture Model for Incomplete Longitudinal Gaussian Data. <i>Biometrics</i> , 2008, 64, 96-105.	1.4	59
45	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. <i>Calcified Tissue International</i> , 1997, 61, 173-178.	3.1	57
46	Conditional Linear Mixed Models. <i>American Statistician</i> , 2001, 55, 25-34.	1.6	56
47	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
48	Predicting renal graft failure using multivariate longitudinal profiles. <i>Biostatistics</i> , 2008, 9, 419-431.	1.5	52
49	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
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.	1.5	52
51	Is Anaemia a Risk Factor for Delirium in an Acute Geriatric Population?. <i>Gerontology</i> , 2006, 52, 382-385.	2.8	50
52	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
53	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
54	Multiple-Imputation-Based Residuals and Diagnostic Plots for Joint Models of Longitudinal and Survival Outcomes. <i>Biometrics</i> , 2010, 66, 20-29.	1.4	47

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55	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
56	Testing multiple variance components in linear mixed-effects models. <i>Biostatistics</i> , 2013, 14, 144-159.	1.5	46
57	Random Effects Models for Longitudinal Data. , 2010, , 37-96.		45
58	Analyzing Incomplete Discrete Longitudinal Clinical Trial Data. <i>Statistical Science</i> , 2006, 21, 52.	2.8	43
59	Variceal pressure is a strong predictor of variceal haemorrhage in patients with cirrhosis as well as in patients with non-cirrhotic portal hypertension. <i>Gut</i> , 1999, 45, 618-621.	12.1	42
60	Reproductive benefits of high social status in male macaques ( <i>Macaca</i> ). <i>Animal Behaviour</i> , 2009, 78, 643-649.	1.9	40
61	In vitro peel/shear bond strength evaluation of orthodontic bracket base design. <i>Journal of Dentistry</i> , 1997, 25, 271-278.	4.1	39
62	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
63	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
64	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
65	Microarray analysis of copy number variation in single cells. <i>Nature Protocols</i> , 2012, 7, 281-310.	12.0	34
66	On using multiple imputation for exploratory factor analysis of incomplete data. <i>Behavior Research Methods</i> , 2018, 50, 501-517.	4.0	33
67	Influence analysis to assess sensitivity of the dropout process. <i>Computational Statistics and Data Analysis</i> , 2001, 37, 93-113.	1.2	32
68	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
69	Generalized shared-parameter models and missingness at random. <i>Statistical Modelling</i> , 2011, 11, 279-310.	1.1	31
70	The Practical Use of Different Strategies to Handle Dropout in Longitudinal Studies. <i>Drug Information Journal</i> , 2001, 35, 419-434.	0.5	30
71	Conditional mixed models with crossed random effects. <i>British Journal of Mathematical and Statistical Psychology</i> , 2007, 60, 351-365.	1.4	30
72	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

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73	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
74	A Sensitivity Analysis for Shared-Parameter Models for Incomplete Longitudinal Outcomes. <i>Biometrical Journal</i> , 2010, 52, 111-125.	1.0	29
75	The Milk Protein Trial: Influence Analysis of the Dropout Process. <i>Biometrical Journal</i> , 2000, 42, 617-646.	1.0	28
76	Interrater reliability of the interRAI Acute Care (interRAI AC). <i>Archives of Gerontology and Geriatrics</i> , 2012, 55, 165-172.	3.0	28
77	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
78	Diagnosing Misspecification of the Random-Effects Distribution in Mixed Models. <i>Biometrics</i> , 2017, 73, 63-71.	1.4	28
79	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
80	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
81	Pre-slaughter handling and pork quality. <i>Meat Science</i> , 2015, 100, 118-123.	5.5	26
82	The detection of residual serial correlation in linear mixed models. , 1998, 17, 1391-1402.		25
83	A local influence approach to sensitivity analysis of incomplete longitudinal ordinal data. <i>Statistical Modelling</i> , 2001, 1, 125-142.	1.1	24
84	Nonlinear Models for Longitudinal Data. <i>American Statistician</i> , 2009, 63, 378-388.	1.6	24
85	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
86	The association between sow and piglet behavior. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2014, 9, 107-113.	1.2	23
87	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
88	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
89	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
90	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

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91	Pseudo-likelihood methodology for partitioned large and complex samples. <i>Statistics and Probability Letters</i> , 2011, 81, 892-901.	0.7	21
92	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
93	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
94	In vitro peel/shear bond strength of orthodontic adhesives. <i>Journal of Dentistry</i> , 1997, 25, 263-270.	4.1	20
95	Behavior of piglets after castration with or without carbon dioxide anesthesia1. <i>Journal of Animal Science</i> , 2011, 89, 3310-3317.	0.5	20
96	A zero-inflated overdispersed hierarchical Poisson model. <i>Statistical Modelling</i> , 2014, 14, 439-456.	1.1	20
97	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
98	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
99	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
100	A note on a hierarchical interpretation for negative variance components. <i>Statistical Modelling</i> , 2011, 11, 389-408.	1.1	19
101	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
102	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
103	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. <i>Journal of Internal Medicine</i> , 1997, 242, 323-328.	6.0	18
104	An overview of group sequential methods in longitudinal clinical trials. <i>Statistical Methods in Medical Research</i> , 2000, 9, 497-515.	1.5	18
105	Ethics policies on euthanasia in hospitals – A survey in Flanders (Belgium). <i>Health Policy</i> , 2007, 84, 170-180.	3.0	18
106	What Can Go Wrong With the Score Test?. <i>American Statistician</i> , 2007, 61, 289-290.	1.6	18
107	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
108	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

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109	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
110	Sensitivity Analysis of Continuous Incomplete Longitudinal Outcomes. <i>Statistica Neerlandica</i> , 2003, 57, 112-135.	1.6	16
111	Sensitivity Analysis for Pattern Mixture Models. <i>Journal of Biopharmaceutical Statistics</i> , 2004, 14, 125-143.	0.8	16
112	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
113	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
114	Mixed models approaches for joint modeling of different types of responses. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 601-618.	0.8	16
115	Incomplete hierarchical data. <i>Statistical Methods in Medical Research</i> , 2007, 16, 457-492.	1.5	15
116	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
117	Interactions between climatological variables and sheltering behavior of pastoral beef cattle during sunny weather in a temperate climate <sup>1</sup> . <i>Journal of Animal Science</i> , 2013, 91, 943-949.	0.5	15
118	Iterative Multiple Imputation: A Framework to Determine the Number of Imputed Datasets. <i>American Statistician</i> , 2020, 74, 125-136.	1.6	15
119	Cancer mortality and age: Relationship with dietary fat. <i>Nutrition and Cancer</i> , 1994, 22, 85-98.	2.0	14
120	Flexible Modelling of the Covariance Matrix in a Linear Random Effects Model. <i>Biometrical Journal</i> , 2000, 42, 807-822.	1.0	14
121	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
122	Joint modeling of progression-free survival and death in advanced cancer clinical trials. <i>Statistics in Medicine</i> , 2010, 29, 1724-1734.	1.6	14
123	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
124	Lung lesions increase the risk of reduced meat quality of slaughter pigs. <i>Meat Science</i> , 2015, 108, 106-108.	5.5	14
125	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
126			



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127	Formal and Informal Model Selection with Incomplete Data. <i>Statistical Science</i> , 2008, 23, .	2.8	13
128	Nonignorable Models for Intermittently Missing Categorical Longitudinal Responses. <i>Biometrics</i> , 2010, 66, 834-844.	1.4	13
129	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
130	Estimation of the wild-type minimum inhibitory concentration value distribution. <i>Statistics in Medicine</i> , 2014, 33, 289-303.	1.6	13
131	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
132	Bayesian model selection in linear mixed models for longitudinal data. <i>Journal of Applied Statistics</i> , 2020, 47, 890-913.	1.3	13
133	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
134	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
135	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
136	The evolution of histological changes suggestive of antibody-mediated injury, in the presence and absence of donor-specific anti- $\alpha$ -HLA antibodies. <i>Transplant International</i> , 2021, 34, 1824-1836.	1.6	11
137	Kernel weighted influence measures. <i>Computational Statistics and Data Analysis</i> , 2005, 48, 467-487.	1.2	10
138	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
139	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
140	Sound levels above 85dB pre-slaughter influence pork quality. <i>Meat Science</i> , 2015, 100, 269-274.	5.5	10
141	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
142	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
143	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
144	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

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145	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
146	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
147	The effect of miss-specified baseline characteristics on inference for longitudinal trends in linear mixed models. <i>Biostatistics</i> , 2006, 8, 772-783.	1.5	9
148	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
149	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
150	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
151	Local influence diagnostics for generalized linear mixed models with overdispersion. <i>Journal of Applied Statistics</i> , 2017, 44, 620-641.	1.3	9
152	An overview of group sequential methods in longitudinal clinical trials. <i>Statistical Methods in Medical Research</i> , 2000, 9, 497-515.	1.5	9
153	Testing variance components in balanced linear growth curve models. <i>Journal of Applied Statistics</i> , 2012, 39, 563-572.	1.3	8
154	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
155	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
156	Local influence diagnostics for hierarchical count data models with overdispersion and excess zeros. <i>Biometrical Journal</i> , 2016, 58, 1390-1408.	1.0	8
157	Prophylactic ureteral catheterization in the intraoperative diagnosis of iatrogenic ureteral injury. <i>Acta Chirurgica Belgica</i> , 2021, 121, 261-266.	0.4	8
158	A linear mixed model to estimate COVID-19-induced excess mortality. <i>Biometrics</i> , 2023, 79, 417-425.	1.4	8
159	A comparison of group sequential methods for binary longitudinal data. <i>Statistics in Medicine</i> , 2003, 22, 501-515.	1.6	7
160	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
161	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
162	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

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163	On the relationship between all-cause, cardiovascular, cancer and residual mortality rates with age. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 175-181.	2.8	6
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