

George Leckie

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

2,435
citations

201385

27
h-index

233125

45
g-index

93
all docs

93
docs citations

93
times ranked

2727
citing authors

#	ARTICLE	IF	CITATIONS
1	An Original Stepwise Multilevel Logistic Regression Analysis of Discriminatory Accuracy: The Case of Neighbourhoods and Health. PLoS ONE, 2016, 11, e0153778.	1.1	152
2	Measures of clustering and heterogeneity in multilevel P-oisson regression analyses of rates/count data. Statistics in Medicine, 2018, 37, 572-589.	0.8	133
3	The Limitations of using School League Tables to Inform School Choice. Journal of the Royal Statistical Society Series A: Statistics in Society, 2009, 172, 835-851.	0.6	122
4	<code>runmlwin</code>: A Program to Run the <code>MLwiN</code> Multilevel Modeling Software from within <code>Stata</code>. Journal of Statistical Software, 2012, 52, .	1.8	105
5	Genetic and Environmental Risk Factors Associated With Trajectories of Depression Symptoms From Adolescence to Young Adulthood. JAMA Network Open, 2019, 2, e196587.	2.8	103
6	Identifying Critical Points of Trajectories of Depressive Symptoms from Childhood to Young Adulthood. Journal of Youth and Adolescence, 2019, 48, 815-827.	1.9	97
7	The Complexity of School and Neighbourhood Effects and Movements of Pupils on School Differences in Models of Educational Achievement. Journal of the Royal Statistical Society Series A: Statistics in Society, 2009, 172, 537-554.	0.6	92
8	Children's Educational Progress: Partitioning Family, School and Area Effects. Journal of the Royal Statistical Society Series A: Statistics in Society, 2010, 173, 657-682.	0.6	74
9	Food sharing networks in lowland Nicaragua: An application of the social relations model to count data. Social Networks, 2014, 38, 100-110.	1.3	70
10	Rater Effects on Essay Scoring: A Multilevel Analysis of Severity Drift, Central Tendency, and Rater Experience. Journal of Educational Measurement, 2011, 48, 399-418.	0.7	68
11	Chronic Obstructive Pulmonary Disease in Sweden: An intersectional multilevel analysis of individual heterogeneity and discriminatory accuracy. SSM - Population Health, 2018, 4, 334-346.	1.3	66
12	Multilevel Modeling of Social Segregation. Journal of Educational and Behavioral Statistics, 2012, 37, 3-30.	1.0	60
13	<code>R2MLwiN</code>: A Package to Run <code>MLwiN</code> from within <code>R</code>. Journal of Statistical Software, 2016, 72, .	1.8	59
14	The evolution of school league tables in England 1992-2016: -Contextual value-added-, -expected progress- and -progress 8-. British Educational Research Journal, 2017, 43, 193-212.	1.4	57
15	Modeling Heterogeneous Variance-Covariance Components in Two-Level Models. Journal of Educational and Behavioral Statistics, 2014, 39, 307-332.	1.0	56
16	Impact of patients' socioeconomic status on the distance travelled for hospital admission in the English National Health Service. Journal of Health Services Research and Policy, 2007, 12, 153-159.	0.8	53
17	Understanding contextual effects on externalizing behaviors in children in out-of-home care: Influence of workers and foster families. Children and Youth Services Review, 2011, 33, 2050-2060.	1.0	50
18	General and specific contextual effects in multilevel regression analyses and their paradoxical relationship: A conceptual tutorial. SSM - Population Health, 2018, 5, 33-37.	1.3	47

#	ARTICLE	IF	CITATIONS
19	The effect of number of clusters and cluster size on statistical power and Type I error rates when testing random effects variance components in multilevel linear and logistic regression models. <i>Journal of Statistical Computation and Simulation</i> , 2018, 88, 3151-3163.	0.7	46
20	Multilevel versus single-level regression for the analysis of multilevel information: The case of quantitative intersectional analysis. <i>Social Science and Medicine</i> , 2020, 245, 112499.	1.8	46
21	Detecting and Understanding Interviewer Effects on Survey data by using a Cross-classified Mixed Effects Location-scale Model. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2017, 180, 551-568.	0.6	44
22	A simple multilevel approach for analysing geographical inequalities in public health reports: The case of municipality differences in obesity. <i>Health and Place</i> , 2019, 58, 102145.	1.5	42
23	The role of maternal factors in sibling relationship quality: a multilevel study of multiple dyads per family. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2012, 53, 622-629.	3.1	41
24	Understanding Uncertainty in School League Tables*. <i>Fiscal Studies</i> , 2011, 32, 207-224.	0.8	34
25	The importance of adjusting for pupil background in school value-added models: A study of Progress 8 and school accountability in England. <i>British Educational Research Journal</i> , 2019, 45, 518-537.	1.4	32
26	Evaluating the "Dove Confident Me" Five-Session Body Image Intervention Delivered by Teachers in Schools: A Cluster Randomized Controlled Effectiveness Trial. <i>Journal of Adolescent Health</i> , 2021, 68, 331-341.	1.2	32
27	Partitioning variation in multilevel models for count data.. <i>Psychological Methods</i> , 2020, 25, 787-801.	2.7	32
28	Randomized controlled trial of an online mother-daughter body image and well-being intervention.. <i>Health Psychology</i> , 2016, 35, 996-1006.	1.3	31
29	Socioeconomic differences in body mass index in Spain: An intersectional multilevel analysis of individual heterogeneity and discriminatory accuracy. <i>PLoS ONE</i> , 2018, 13, e0208624.	1.1	31
30	Precision public health: Mapping socioeconomic disparities in opioid dispensations at Swedish pharmacies by Multilevel Analysis of Individual Heterogeneity and Discriminatory Accuracy (MAIHDA). <i>PLoS ONE</i> , 2019, 14, e0220322.	1.1	31
31	Emotional problems among recent immigrants and parenting status: Findings from a national longitudinal study of immigrants in Canada. <i>PLoS ONE</i> , 2017, 12, e0175023.	1.1	28
32	Observed sensitivity during family interactions and cumulative risk: A study of multiple dyads per family.. <i>Developmental Psychology</i> , 2016, 52, 1128-1138.	1.2	26
33	A multilevel modelling approach to measuring changing patterns of ethnic composition and segregation among London secondary schools, 2001-2010. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2015, 178, 405-424.	0.6	25
34	HOW COLLECTIVE IS COLLECTIVE EFFICACY? THE IMPORTANCE OF CONSENSUS IN JUDGMENTS ABOUT COMMUNITY COHESION AND WILLINGNESS TO INTERVENE. <i>Criminology</i> , 2018, 56, 608-637.	2.0	25
35	Intersectional inequalities and the U.S. opioid crisis: challenging dominant narratives and revealing heterogeneities. <i>Critical Public Health</i> , 2020, 30, 398-414.	1.4	24
36	The Impact of Neighbourhood on the Income and Mental Health of British Social Renters. <i>Urban Studies</i> , 2007, 44, 393-415.	2.2	23

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37	School League Tables: What can they Really Tell Us?. <i>Significance</i> , 2008, 5, 67-69.	0.3	23
38	Individual- and area-level influence on suicide risk: a multilevel longitudinal study of Swedish schoolchildren. <i>Psychological Medicine</i> , 2014, 44, 267-277.	2.7	23
39	Multilevel growth curve models that incorporate a random coefficient model for the level 1 variance function. <i>Statistical Methods in Medical Research</i> , 2018, 27, 3478-3491.	0.7	21
40	Clinical decisions and time since rest break: An analysis of decision fatigue in nurses.. <i>Health Psychology</i> , 2019, 38, 318-324.	1.3	21
41	Multilevel modeling analysis of dyadic network data with an application to Ye'kwana food sharing. <i>American Journal of Physical Anthropology</i> , 2015, 157, 507-512.	2.1	20
42	A note on "The limitations of school league tables to inform school choice". <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2011, 174, 833-836.	0.6	19
43	Orthodontic pain trajectories in adolescents: Between-subject and within-subject variability in pain perception. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2016, 149, 491-500.e4.	0.8	16
44	The Variability of Occupational Attainment: How Prestige Trajectories Diversified within Birth Cohorts over the Twentieth Century. <i>American Sociological Review</i> , 2020, 85, 1084-1116.	2.8	16
45	Avoiding Bias When Estimating the Consistency and Stability of Value-Added School Effects. <i>Journal of Educational and Behavioral Statistics</i> , 2018, 43, 440-468.	1.0	15
46	Evaluating a Website Designed to Improve Body Image and Psychosocial Well-Being Among Adolescent Girls and Their Mothers: A Cluster Randomised Controlled Trial With Mother-Daughter Dyads. <i>Journal of Adolescent Health</i> , 2017, 60, S6.	1.2	14
47	The Use of Instrumental Variables in Peer Effects Models. <i>Oxford Bulletin of Economics and Statistics</i> , 2019, 81, 1179-1191.	0.9	12
48	Fearlessly Swimming Upstream to Risky Waters: The Role of Geographic Entry in Innovation. <i>Journal of Management Studies</i> , 2019, 56, 1377-1413.	6.0	10
49	Child and contextual effects in the emergence of differential maternal sensitivity across siblings.. <i>Developmental Psychology</i> , 2018, 54, 1265-1276.	1.2	10
50	Trends in examination performance and exposure to standardised tests in England and Wales. <i>British Educational Research Journal</i> , 2016, 42, 367-375.	1.4	9
51	Bootstrapped inference for variance parameters, measures of heterogeneity and random effects in multilevel logistic regression models. <i>Journal of Statistical Computation and Simulation</i> , 2020, 90, 3175-3199.	0.7	9
52	Antidepressant use in Sweden: an intersectional multilevel analysis of individual heterogeneity and discriminatory accuracy (MAIHDA). <i>Scandinavian Journal of Public Health</i> , 2022, 50, 395-403.	1.2	9
53	Capturing the Temporal Sequence of Interaction in Young Siblings. <i>PLoS ONE</i> , 2015, 10, e0126353.	1.1	9
54	A review and evaluation of secondary school accountability in England: Statistical strengths, weaknesses and challenges for "Progress 8" raised by COVID-19. <i>Review of Education</i> , 2021, 9, e3299.	1.1	8

#	ARTICLE	IF	CITATIONS
55	Cross-classified Multilevel Analysis of Individual Heterogeneity and Discriminatory Accuracy (MAIHDA) to evaluate hospital performance: the case of hospital differences in patient survival after acute myocardial infarction. <i>BMJ Open</i> , 2020, 10, e036130.	0.8	8
56	<code>runmixregls</code> : A Program to Run the <code>MIXREGLS</code> Mixed-Effects Location Scale Software from within <i>Stata</i> . <i>Journal of Statistical Software</i> , 2014, 59, .	1.8	8
57	Hospital differences in mortality rates after hip fracture surgery in Denmark. <i>Clinical Epidemiology</i> , 2019, Volume 11, 605-614.	1.5	7
58	Disentangling the contribution of hospitals and municipalities for understanding patient level differences in one-year mortality risk after hip-fracture: A cross-classified multilevel analysis in Sweden. <i>PLoS ONE</i> , 2020, 15, e0234041.	1.1	7
59	Population heterogeneity in associations between hormonal contraception and antidepressant use in Sweden: a prospective cohort study applying intersectional multilevel analysis of individual heterogeneity and discriminatory accuracy (MAIHDA). <i>BMJ Open</i> , 2021, 11, e049553.	0.8	7
60	School, Family, Neighbourhood: Which is Most Important to a Child's Education?. <i>Significance</i> , 2010, 7, 67-70.	0.3	6
61	Multilevel structural equation models for longitudinal data where predictors are measured more frequently than outcomes: an application to the effects of stress on the cognitive function of nurses. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2017, 180, 263-283.	0.6	6
62	Rater accuracy and training group effects in Expert- and Supervisor-based monitoring systems. <i>Assessment in Education</i> , 2017, 24, 44-59.	0.7	6
63	Geographical and sociodemographic differences in discontinuation of medication for Chronic Obstructive Pulmonary Disease – A Cross-Classified Multilevel Analysis of Individual Heterogeneity and Discriminatory Accuracy (MAIHDA). <i>Clinical Epidemiology</i> , 2020, Volume 12, 783-796.	1.5	6
64	Comparing a multivariate response Bayesian random effects logistic regression model with a latent variable item response theory model for provider profiling on multiple binary indicators simultaneously. <i>Statistics in Medicine</i> , 2020, 39, 1390-1406.	0.8	6
65	Statistical Methods and Software for the Multilevel Social Relations Model. <i>Field Methods</i> , 2020, 32, 339-345.	0.5	5
66	Joint Modeling of Individual Trajectories, Within-Individual Variability, and a Later Outcome: Systolic Blood Pressure Through Childhood and Left Ventricular Mass in Early Adulthood. <i>American Journal of Epidemiology</i> , 2021, 190, 652-662.	1.6	5
67	School value-added models for multivariate academic and non-academic outcomes: exploring implications for performance monitoring and accountability. <i>School Effectiveness and School Improvement</i> , 2021, 32, 486-507.	1.4	5
68	Analysing inter-provincial urban migration flows in China: A new multilevel gravity model approach. <i>Migration Studies</i> , 2018, . .	0.9	4
69	Diurnal variation in orthodontic pain: Clinical implications and pharmacological management. <i>Seminars in Orthodontics</i> , 2018, 24, 217-224.	0.8	4
70	A comparison of value-added models for school accountability. <i>School Effectiveness and School Improvement</i> , 2022, 33, 431-455.	1.4	4
71	What makes for responsive family interactions? Disentangling individual, family-level, and socioeconomic contributions.. <i>Journal of Family Psychology</i> , 2021, 35, 1149-1159.	1.0	3
72	The Early Social Cognition Inventory (ESCI): An examination of its psychometric properties from birth to 47 months. <i>Behavior Research Methods</i> , 2022, 54, 1200-1226.	2.3	3

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73	Handbook of Multilevel Analysis. Journal of the Royal Statistical Society Series A: Statistics in Society, 2009, 172, 694-695.	0.6	2
74	The Early Humor Survey (EHS): A reliable parent-report measure of humor development for 1- to 47-month-olds. Behavior Research Methods, 2022, 54, 1928-1953.	2.3	2
75	Professor Harvey Goldstein at 80. Significance, 2020, 17, 41-41.	0.3	1
76	Estimating reliability statistics and measurement error variances using instrumental variables with longitudinal data. Longitudinal and Life Course Studies, 2020, 11, 289-306.	0.3	1
77	Student mobility: Extent, impacts and predictors of a range of movement types for secondary school students in England. British Educational Research Journal, 0, , .	1.4	1
78	Protecting energy intakes against income shocks. Journal of Economic Behavior and Organization, 2017, 141, 210-232.	1.0	0
79	Cross-Classified Hierarchical Linear Modeling. , 2021, , 1-5.		0
80	Multiple Membership Models. , 2021, , 1-4.		0
81	Monitoring School Performance Using Value-Added and Value-Table Models: Lessons from the UK. Springer Proceedings in Mathematics and Statistics, 2018, , 251-260.	0.1	0
82	Incorporating student mobility in studying academic growth in math: comparing several alternative multilevel formulations. School Effectiveness and School Improvement, 0, , 1-28.	1.4	0
83	Title is missing!. , 2020, 15, e0234041.		0
84	Title is missing!. , 2020, 15, e0234041.		0
85	Title is missing!. , 2020, 15, e0234041.		0
86	Title is missing!. , 2020, 15, e0234041.		0
87	Estimating the Importance of Families in Modeling Educational Achievement Using Linked Swedish Administrative Data. Journal of Research on Educational Effectiveness, 0, , 1-28.	0.9	0
88	Decomposing Ethnic Achievement Gaps across Multiple Levels of Analysis and for Multiple Ethnic Groups. Sociological Methodology, 0, , 008117502210995.	1.4	0