Harvey Goldstein

List of Publications by Year
in descending order

114 papers	6,875 citations	66315 42 h-index	64755 79 g-index
128 all docs	128 docs citations	128 times ranked	5803 citing authors

#	Article	IF	Citations
1	League Tables and Their Limitations: Statistical Issues in Comparisons of Institutional Performance. Journal of the Royal Statistical Society Series A: Statistics in Society, 1996, 159, 385.	0.6	782
2	Nonlinear multilevel models, with an application to discrete response data. Biometrika, 1991, 78, 45-51.	1.3	345
3	Multilevel modelling of medical data. Statistics in Medicine, 2002, 21, 3291-3315.	0.8	315
4	Multilevel time series models with applications to repeated measures data. Statistics in Medicine, 1994, 13, 1643-1655.	0.8	243
5	A multilevel model framework for meta-analysis of clinical trials with binary outcomes. Statistics in Medicine, 2000, 19, 3417-3432.	0.8	234
6	A general model for the analysis of multilevel data. Psychometrika, 1988, 53, 455-467.	1.2	210
7	Challenges in administrative data linkage for research. Big Data and Society, 2017, 4, 205395171774567.	2.6	202
8	Differential school effectiveness. International Journal of Educational Research, 1989, 13, 769-776.	1.2	200
9	Methods in School Effectiveness Researchâˆ—. School Effectiveness and School Improvement, 1997, 8, 369-395.	1.4	167
10	New Statistical Methods for Analysing Social Structures: an introduction to multilevel models. British Educational Research Journal, 1991, 17, 387-393.	1.4	157
11	International comparisons of student attainment: some issues arising from the PISA study. Assessment in Education, 2004, 11, 319-330.	0.7	151
12	Multilevel models with multivariate mixed response types. Statistical Modelling, 2009, 9, 173-197.	0.5	128
13	Multilevel Modelling of the Geographical Distributions of Diseases. Journal of the Royal Statistical Society Series C: Applied Statistics, 1999, 48, 253-268.	0.5	124
14	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
15	Balanced versus unbalanced designs for linear structural relations in twoâ€level data. British Journal of Mathematical and Statistical Psychology, 1989, 42, 215-232.	1.0	107
16	Dimensionality, bias, independence and measurement scale problems in latent trait test score models. British Journal of Mathematical and Statistical Psychology, 1980, 33, 234-246.	1.0	98
17	Metaâ€analysis using multilevel models with an application to the study of class size effects. Journal of the Royal Statistical Society Series C: Applied Statistics, 2000, 49, 399-412.	0.5	88
18	Modelling Social Segregation. Oxford Review of Education, 2003, 29, 225-237.	1.4	87

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19	The Influence of Secondary and Junior Schools on Sixteen Year Examination Performance: A Crossâ€classified Multilevel Analysisâ—. School Effectiveness and School Improvement, 1997, 8, 219-230.	1.4	85
20	Using Pupil Performance Data for Judging Schools and Teachers: Scope and limitations. British Educational Research Journal, 2001, 27, 433-442.	1.4	85
21	A guide to evaluating linkage quality for the analysis of linked data. International Journal of Epidemiology, 2017, 46, 1699-1710.	0.9	85
22	GUILD: GUidance for Information about Linking Data setsâ€. Journal of Public Health, 2018, 40, 191-198.	1.0	83
23	Are class size differences related to pupils' educational progress and classroom processes? findings from the institute of education class size study of children aged 5â€"7 years. British Educational Research Journal, 2003, 29, 709-730.	1.4	82
24	Five decades of item response modelling. British Journal of Mathematical and Statistical Psychology, 1989, 42, 139-167.	1.0	80
25	Evaluating bias due to data linkage error in electronic healthcare records. BMC Medical Research Methodology, 2014, 14, 36.	1.4	78
26	Fitting Multilevel Multivariate Models with Missing Data in Responses and Covariates that May Include Interactions and Non-Linear Terms. Journal of the Royal Statistical Society Series A: Statistics in Society, 2014, 177, 553-564.	0.6	76
27	A novel bootstrap procedure for assessing the relationship between class size and achievement. Journal of the Royal Statistical Society Series C: Applied Statistics, 2003, 52, 431-443.	0.5	74
28	Multivariate spatial models for event data. Statistics in Medicine, 2000, 19, 2469-2478.	0.8	71
29	Class Size and Educational Achievement: a review of methodology with particular reference to study design. British Educational Research Journal, 1998, 24, 255-268.	1.4	68
30	MEASURING CHANGES IN EDUCATIONAL ATTAINMENT OVER TIME: PROBLEMS AND POSSIBILITIES. Journal of Educational Measurement, 1983, 20, 369-377.	0.7	66
31	A Study of Class Size Effects in English School Reception Year Classes. British Educational Research Journal, 2002, 28, 169-185.	1.4	60
32	Multilevel Modeling of Social Segregation. Journal of Educational and Behavioral Statistics, 2012, 37, 3-30.	1.0	60
33	The analysis of recordâ€linked data using multiple imputation with data value priors. Statistics in Medicine, 2012, 31, 3481-3493.	0.8	58
34	The evolution of school league tables in England 1992â€"2016: â˜Contextual valueâ€addedâ™, â˜expected progressâ™ and â˜progress 8â™. British Educational Research Journal, 2017, 43, 193-212.	1.4	57
35	Consequences of Using the Rasch Model for Educational Assessment. British Educational Research Journal, 1979, 5, 211-220.	1.4	53
36	Predicting the Future: The role of past performance in determining trends in institutional effectiveness at A level. British Educational Research Journal, 2001, 27, 391-405.	1.4	52

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37	Multilevel Structural Equation Models for the Analysis of Comparative Data on Educational Performance. Journal of Educational and Behavioral Statistics, 2007, 32, 252-286.	1.0	52
38	Multiâ€Level Statistical Models in Studies of Periodontal Diseases. Journal of Periodontology, 1992, 63, 690-695.	1.7	49
39	International Adult Literacy Survey (IALS): An analysis of international comparisons of adult literacy. Assessment in Education, 2001, 8, 225-246.	0.7	49
40	The Use of Assessment Data for School Improvement Purposes. Oxford Review of Education, 1999, 25, 469-483.	1.4	48
41	Multivariate multilevel analyses of examination results. Journal of the Royal Statistical Society Series A: Statistics in Society, 2002, 165, 137-153.	0.6	47
42	Mindfulness-Based Intervention for Educators: Effects of a School-Based Cluster Randomized Controlled Study. Mindfulness, 2019, 10, 1417-1436.	1.6	42
43	Linkage, Evaluation and Analysis of National Electronic Healthcare Data: Application to Providing Enhanced Blood-Stream Infection Surveillance in Paediatric Intensive Care. PLoS ONE, 2013, 8, e85278.	1.1	35
44	Multilevel Models in the Study of Dynamic Household Structures. European Journal of Population, 2000, 16, 373-387.	1.1	34
45	Understanding Uncertainty in School League Tables*. Fiscal Studies, 2011, 32, 207-224.	0.8	34
46	A note on national assessment and school comparisons. Journal of Education Policy, 1988, 3, 197-202.	2.1	33
47	Non-parametric estimation of age-related centiles over wide age ranges. Annals of Human Biology, 1990, 17, 475-481.	0.4	33
48	After the RCT: who comes to a family-based intervention for childhood overweight or obesity when it is implemented at scale in the community?. Journal of Epidemiology and Community Health, 2015, 69, 142-148.	2.0	32
49	The importance of adjusting for pupil background in school valueâ€added models: A study of Progress 8 and school accountability in England. British Educational Research Journal, 2019, 45, 518-537.	1.4	32
50	Partitioning variation in multilevel models for count data.. Psychological Methods, 2020, 25, 787-801.	2.7	32
51	Modelling measurement errors and category misclassifications in multilevel models. Statistical Modelling, 2008, 8, 243-261.	0.5	30
52	Simultaneous Analysis of Individual and Aggregate Responses in Psychometric Data Using Multilevel Modeling. Risk Analysis, 1999, 19, 675-683.	1.5	29
53	Probabilistic linkage to enhance deterministic algorithms and reduce data linkage errors in hospital administrative data. Journal of Innovation in Health Informatics, 2017, 24, 234.	0.9	29
54	Data linkage errors in hospital administrative data when applying a pseudonymisation algorithm to paediatric intensive care records. BMJ Open, 2015, 5, e008118.	0.8	27

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55	A multilevel modelling approach to measuring changing patterns of ethnic composition and segregation among London secondary schools, 2001-2010. Journal of the Royal Statistical Society Series A: Statistics in Society, 2015, 178, 405-424.	0.6	25
56	Some Models for Analysing Longitudinal Data on Educational Attainment. Journal of the Royal Statistical Society Series A (General), 1979, 142, 407.	0.6	24
57	Multi-level models for longitudinal growth norms. , 1997, 16, 2665-2678.		24
58	MCMC Sampling for a Multilevel Model With Nonindependent Residuals Within and Between Cluster Units. Journal of Educational and Behavioral Statistics, 2010, 35, 453-473.	1.0	24
59	Graded Assessment and Learning Hierarchies in Mathematics. British Educational Research Journal, 1989, 15, 109-120.	1.4	23
60	School League Tables: What can they Really Tell Us?. Significance, 2008, 5, 67-69.	0.3	23
61	Identifying Possible False Matches in Anonymized Hospital Administrative Data without Patient Identifiers. Health Services Research, 2015, 50, 1162-1178.	1.0	21
62	Multilevel growth curve models that incorporate a random coefficient model for the level 1 variance function. Statistical Methods in Medical Research, 2018, 27, 3478-3491.	0.7	21
63	Pupil composition and accountability: An analysis in English primary schools. International Journal of Educational Research, 2010, 49, 49-68.	1.2	20
64	Assessing data linkage quality in cohort studies. Annals of Human Biology, 2020, 47, 218-226.	0.4	20
65	A note on â€˜The limitations of school league tables to inform school choiceâ€™. Journal of the Royal Statistical Society Series A: Statistics in Society, 2011, 174, 833-836.	0.6	19
66	Pubertal growth of the cephalometric point gnathion: Multilevel models for boys and girls. American Journal of Physical Anthropology, 1988, 77, 347-354.	2.1	18
67	Reflections on the international comparative surveys debate. Assessment in Education, 2008, 15, 215-222.	0.7	18
68	Multi-level repeated measures growth modelling using extended spline functions. , 1998, 17, 2755-2770.		17
69	Multilevel Multivariate Modelling of Childhood Growth, Numbers of Growth Measurements and Adult Characteristics. Journal of the Royal Statistical Society Series A: Statistics in Society, 2009, 172, 599-613.	0.6	17
70	Age, Period And Cohort Effects â€" A Confounded Confusion. Journal of Applied Statistics, 1979, 6, 19-24.	0.6	16
71	The choice of constraints in correspondence analysis. Psychometrika, 1987, 52, 207-215.	1.2	16
72	Utilising identifier error variation in linkage of large administrative data sources. BMC Medical Research Methodology, 2017, 17, 23.	1.4	16

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73	Knowledge and numbers in education. Comparative Education, 2014, 50, 259-265.	1.8	15
74	Discrete Response Multilevel Models for Repeated Measures: An Application to Voting Intentions Data. Quality and Quantity, 2000, 34, 323-330.	2.0	14
75	Evidence and education policy â€" some reflections and allegations1. Cambridge Journal of Education, 2008, 38, 393-400.	1.6	13
76	A scaling approach to record linkage. Statistics in Medicine, 2017, 36, 2514-2521.	0.8	13
77	A response to Gorard on social segregation. Oxford Review of Education, 2004, 30, 441-442.	1.4	11
78	Francis Galton, measurement, psychometrics and social progress. Assessment in Education, 2012, 19, 147-158.	0.7	11
79	Handling attrition and non-response in longitudinal data with an application to a study of Australian youth. Longitudinal and Life Course Studies, 2016, 7, .	0.3	11
80	Multilevel models for repeated measures: A flexible approach for studying dental arch morphology. American Journal of Human Biology, 1993, 5, 85-91.	0.8	10
81	A Bayesian model for measurement and misclassification errors alongside missing data, with an application to higher education participation in Australia. Journal of Applied Statistics, 2018, 45, 918-931.	0.6	10
82	Of Trends and Trajectories: Searching for patterns in school improvement. British Educational Research Journal, 2003, 29, 83-88.	1.4	9
83	Trends in examination performance and exposure to standardised tests in England and Wales. British Educational Research Journal, 2016, 42, 367-375.	1.4	9
84	A Probabilistic Procedure for Anonymisation, for Assessing the Risk of Re-identification and for the Analysis of Perturbed Data Sets. Journal of Official Statistics, 2020, 36, 89-115.	0.1	9
85	Instrumental Variable Methods for the Estimation of Test Score Reliability. Journal of Educational Statistics, 1983, 8, 223.	0.9	8
86	Social class differences in early education. Longitudinal and Life Course Studies, 2015, 6, .	0.3	8
87	Neville Butler and the British Birth Cohort studies. Paediatric and Perinatal Epidemiology, 1998, 12, 1-14.	0.8	7
88	Rasch measurement: a response to Payanides, Robinson and Tymms. British Educational Research Journal, 2015, 41, 176-179.	1.4	7
89	A method for studying shape change in children. Annals of Human Biology, 1978, 5, 33-39.	0.4	6
90	Tutorial in Biostatistics-Longitudinal data analysis (repeated measures) in clinical trials by P.-S. Albert,Statistics in Medicine, 1999,18, 1707-1732. Statistics in Medicine, 2000, 19, 1821-1821.	0.8	6

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91	Validity, science and educational measurement. Assessment in Education, 2015, 22, 193-201.	0.7	6
92	A response to 'assessment and learning: fields apart?'. Assessment in Education, 2017, 24, 388-393.	0.7	6
93	Enhanced use of educational accountability data to monitor educational progress of Australian students with focus on Indigenous students. Educational Assessment, Evaluation and Accountability, 2020, 32, 29-51.	1.3	6
94	Joint Modeling of Individual Trajectories, Within-Individual Variability, and a Later Outcome: Systolic Blood Pressure Through Childhood and Left Ventricular Mass in Early Adulthood. American Journal of Epidemiology, 2021, 190, 652-662.	1.6	5
95	School value-added models for multivariate academic and non-academic outcomes: exploring implications for performance monitoring and accountability. School Effectiveness and School Improvement, 2021, 32, 486-507.	1.4	5
96	Predicting the Future: The role of past performance in determining trends in institutional effectiveness at A level. , 2001, 27, 391.		5
97	Comment: Citation Statistics. Statistical Science, 2009, 24, .	1.6	5
98	Data envelopment analysis: An exposition and critique. Evaluation and Research in Education, 1990, 4, 17-20.	0.5	4
99	PISA and the globalisation of education: a critical commentary on papers published in AIE special issue 4/2019. Assessment in Education, 2019, 26, 665-674.	0.7	4
100	International comparative studies of achievement — re-examining the issues and impacts. Assessment in Education, 2008, 15, 211-213.	0.7	3
101	Bayesian Models for Weighted Data with Missing Values: A Bootstrap Approach. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 1071-1081.	0.5	3
102	'Pseudonymisation at source' undermines accuracy of record linkage. Journal of Public Health, 2018, 40, 219-220.	1.0	3
103	Relegate the leagues Data from performance tables is crude and often misleading. Public Policy Research, 1996, 3, 199-203.	0.2	2
104	Measuring educational standards. Significance, 2004, 1, 103-105.	0.3	2
105	Adjusting for differential misclassification in multilevel models: the relationship between child exposure to smoke and cognitive development. Quality and Quantity, 2014, 48, 251-258.	2.0	2
106	A multilevel model framework for meta-analysis of clinical trials with binary outcomes. Statistics in Medicine, 2000, 19, 3417-3432.	0.8	2
107	Letters to the editor. Annals of Human Biology, 1980, 7, 181-184.	0.4	1
108	Dea: A response. Evaluation and Research in Education, 1992, 6, 43-44.	0.5	1

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109	Improving assessment: a response to the BERA Policy Task Group's report on assessment. Curriculum Journal, 1993, 4, 121-123.	1.0	1
110	Commentary: Smoking in pregnancy and neonatal mortality. International Journal of Epidemiology, 2014, 43, 1366-1368.	0.9	1
111	The difficulty of ranking schools: The Limits to 'Value-added'. Public Policy Research, 2001, 8, 197-198.	0.2	0
112	Hierarchical Modelling: Multilevel Modelling of Medical Data. , 2005, , 69-93.		0
113	Evaluating educational changes: a statistical perspective. Ensaio, 2013, 21, 101-114.	0.2	0
114	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