Shelby J Haberman

List of Publications by Year
in descending order

140	4,023	159358	133063
papers	citations	30 h-index	59 g-index

147	147	147	1696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent Challenges to Maintaining Score Comparability: A Commentary. Journal of Educational Measurement, 2022, 59, 251-264.	0.7	0
2	Studying Score Stability with a Harmonic Regression Family: A Comparison of Three Approaches to Adjustment of Examineeâ€Specific Demographic Data. Journal of Educational Measurement, 2021, 58, 54-82.	0.7	3
3	Application of Best Linear Prediction and Penalized Best Linear Prediction to ETS Tests. ETS Research Report Series, 2020, 2020, 1-25.	0.5	2
4	Largeâ€Sample Properties of Minimum Discriminant Information Adjustment Estimates Under Complex Sampling Designs. ETS Research Report Series, 2020, 2020, 1-20.	0.5	0
5	Statistical Theory and Assessment Practice. Journal of Educational Measurement, 2020, 57, 374-385.	0.7	0
6	Rejoinder: A Brief Response to the Commentaries by Robert Mislevy and David Thissen. Journal of Educational Measurement, 2020, 57, 403-404.	0.7	0
7	Prediction of Writing True Scores in Automated Scoring of Essays by Best Linear Predictors and Penalized Best Linear Predictors. ETS Research Report Series, 2019, 2019, 1-27.	0.5	4
8	Use of Adjustment by Minimum Discriminant Information in Linking Constructedâ€Response Test Scores in the Absence of Common Items. Journal of Educational Measurement, 2019, 56, 452-472.	0.7	7
9	Measures of Agreement Versus Measures of Prediction Accuracy. ETS Research Report Series, 2019, 2019, 1-23.	0.5	3
10	Crossâ€Validation and Uâ€Statistics. ETS Research Report Series, 2019, 2019, 1-11.	0.5	0
11	Distractor Analysis for Multipleâ€Choice Tests: An Empirical Study With International Language Assessment Data. ETS Research Report Series, 2019, 2019, 1-16.	0.5	1
12	Penalized Best Linear Prediction of True Test Scores. Psychometrika, 2019, 84, 186-211.	1.2	11
13	Assessing Scoring Accuracy and Assessment Accuracy for Spoken Responses. , 2019, , 32-58.		2
14	Advances in Cognitive Science and Information Visualization. , 2018, , 19-34.		4
15	A Statistical Procedure for Testing Unusually Frequent Exactly Matching Responses and Nearly Matching Responses. ETS Research Report Series, 2017, 2017, 1-9.	0.5	11
16	A New Procedure for Detection of Studentsâ€™ Rapid Guessing Responses Using Response Time. Applied Measurement in Education, 2016, 29, 173-183.	0.5	65
17	Assessment of fit of item response theory models used in large-scale educational survey assessments. Large-Scale Assessments in Education, 2016, 4, .	0.8	24
18	Investigating Test-Taking Behaviors Using Timing and Process Data. International Journal of Testing, 2016, 16, 240-267.	0.2	26

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19	Use of Jackknifing to Evaluate Effects of Anchor Item Selection on Equating With the Nonequivalent Groups With Anchor Test (NEAT) Design. ETS Research Report Series, 2015, 2015, 1-12.	0.5	4
20	Comments on â€œA Note on Subscoresâ€•by Samuel A. Livingston. Educational Measurement: Issues and Practice, 2015, 34, 6-7.	0.8	1
21	Too Simple to Be Useful: A Comment on Feinberg and Wainer (2014). Educational Measurement: Issues and Practice, 2015, 34, 6-8.	0.8	4
22	Repeater Analysis for Combining Information From Different Assessments. Journal of Educational Measurement, 2015, 52, 223-251.	0.7	14
23	Prediction of true test scores from observed item scores and ancillary data. British Journal of Mathematical and Statistical Psychology, 2015, 68, 363-385.	1.0	10
24	Multivariate Analysis: Discrete Variables (Correspondence Models). , 2015, , 121-124.		0
25	Multivariate Analysis: Discrete Variables (Loglinear Models). , 2015, , 125-130.		1
26	Pseudo-Equivalent Groups and Linking. Journal of Educational and Behavioral Statistics, 2015, 40, 254-273.	1.0	29
27	An Empirical Investigation of Population Invariance in the Value of Subscores. International Journal of Testing, 2014, 14, 22-48.	0.2	9
28	Hierarchical Diagnostic Classification Models Morphing into Unidimensional â€˜Diagnosticâ€™ Classification Modelsâ€”A Commentary. Psychometrika, 2014, 79, 340-346.	1.2	32
29	How Often Is the Misfit of Item Response Theory Models Practically Significant?. Educational Measurement: Issues and Practice, 2014, 33, 23-35.	0.8	50
30	Does subgroup membership information lead to better estimation of true subscores?. British Journal of Mathematical and Statistical Psychology, 2013, 66, 452-469.	1.0	8
31	Harmonic Regression and Scale Stability. Psychometrika, 2013, 78, 815-829.	1.2	21
32	Assessing Item Fit for Unidimensional Item Response Theory Models Using Residuals from Estimated Item Response Functions. Psychometrika, 2013, 78, 417-440.	1.2	37
33	Generalized Residuals for General Models for Contingency Tables With Application to Item Response Theory. Journal of the American Statistical Association, 2013, 108, 1435-1444.	1.8	21
34	A GENERAL PROGRAM FOR ITEMâ€RESPONSE ANALYSIS THAT EMPLOYS THE STABILIZED NEWTONâ€“RAPHSON ALGORITHM. ETS Research Report Series, 2013, 2013, i.	0.5	31
35	A NOTE ON THE CHOICE OF AN ANCHOR TEST IN EQUATING. ETS Research Report Series, 2012, 2012, i.	0.5	8
36	STATISTICAL PROCEDURES TO EVALUATE QUALITY OF SCALE ANCHORING. ETS Research Report Series, 2011, 2011, i.	0.5	3

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37	USE OF CONTINUOUS EXPONENTIAL FAMILIES TO LINK FORMS VIA ANCHOR TESTS. ETS Research Report Series, 2011, 2011, i.	0.5	1
38	AN INVESTIGATION OF THE FIT OF LINEAR REGRESSION MODELS TO DATA FROM AN SAT^{Â®} VALIDITY STUDY. ETS Research Report Series, 2011, 2011, i.	0.5	3
39	USE OF E-RATERÂ®IN SCORING OF THE TOEFL IBTÂ®WRITING TEST. ETS Research Report Series, 2011, 2011, i-13.	0.5	10
40	HOW DOES THE KNOWLEDGE OF SUBGROUP MEMBERSHIP OF EXAMINEES AFFECT THE PREDICTION OF TRUE SUBSCORES?. ETS Research Report Series, 2011, 2011, i.	0.5	3
41	When Does Scale Anchoring Work? A Case Study. Journal of Educational Measurement, 2011, 48, 61-80.	0.7	7
42	Equating of Augmented Subscores. Journal of Educational Measurement, 2011, 48, 122-145.	0.7	8
43	An NCME Instructional Module on Subscores. Educational Measurement: Issues and Practice, 2011, 30, 29-40.	0.8	64
44	Do Adjusted Subscores Lack Validity? Donâ€™t Blame the Messenger. Educational and Psychological Measurement, 2011, 71, 789-797.	1.2	13
45	EQUATING OF SUBSCORES AND WEIGHTED AVERAGES UNDER THE NEAT DESIGN. ETS Research Report Series, 2011, 2011, i.	0.5	4
46	FIT OF ITEM RESPONSE THEORY MODELS: A SURVEY OF DATA FROM SEVERAL OPERATIONAL TESTS. ETS Research Report Series, 2011, 2011, i.	0.5	4
47	SOURCES OF SCORE SCALE INCONSISTENCY. ETS Research Report Series, 2011, 2011, i-9.	0.5	7
48	Practical Application of a Synthetic Linking Function on Small-Sample Equating. Applied Measurement in Education, 2011, 24, 95-114.	0.5	3
49	The Contributions of Paul Holland. Lecture Notes in Statistics, 2011, , 3-17.	0.1	1
50	LIMITS ON THE ACCURACY OF LINKING. ETS Research Report Series, 2010, 2010, i.	0.5	9
51	Reporting of Subscores Using Multidimensional Item Response Theory. Psychometrika, 2010, 75, 209-227.	1.2	76
52	The Application of the Cumulative Logistic Regression Model to Automated Essay Scoring. Journal of Educational and Behavioral Statistics, 2010, 35, 586-602.	1.0	18
53	The Utility of Augmented Subscores in a Licensure Exam: An Evaluation of Methods Using Empirical Data. Applied Measurement in Education, 2010, 23, 266-285.	0.5	26
54	HOW CAN MULTIDIMENSIONAL ITEM RESPONSE THEORY BE USED IN REPORTING OF SUBSCORES?. ETS Research Report Series, 2010, 2010, i.	0.5	1

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55	Reporting Diagnostic Scores in Educational Testing: Temptations, Pitfalls, and Some Solutions. Multivariate Behavioral Research, 2010, 45, 553-573.	1.8	29
56	Issues with Self-Monitoring Assessments: Comments on Koretz and BÃ©guin (2010). Measurement, 2010, 8, 191-194.	0.1	0
57	Reporting subscores for institutions. British Journal of Mathematical and Statistical Psychology, 2009, 62, 79-95.	1.0	40
58	How Much can we Reliably Know About what Examinees Know?. Measurement, 2009, 7, 46-49.	0.1	8
59	USE OF GENERALIZED RESIDUALS TO EXAMINE GOODNESS OF FIT OF ITEM RESPONSE MODELS. ETS Research Report Series, 2009, 2009, i.	0.5	16
60	JACKKNIFING TECHNIQUES FOR EVALUATION OF EQUATING ACCURACY. ETS Research Report Series, 2009, 2009, i.	0.5	19
61	LINKING PARAMETER ESTIMATES DERIVED FROM AN ITEM RESPONSE MODEL THROUGH SEPARATE CALIBRATIONS. ETS Research Report Series, 2009, 2009, i.	0.5	28
62	Using Exponential Families for Equating. , 2009, , 125-140.		0
63	Small-Sample Equating Using a Synthetic Linking Function. Journal of Educational Measurement, 2008, 45, 325-342.	0.7	27
64	Correction Note to â€˜â€˜Density Approximation by Summary Statistics: An Information-theoretic Approachâ€™â€™. Scandinavian Journal of Statistics, 2008, 35, 762-762.	0.9	0
65	LINKING WITH CONTINUOUS EXPONENTIAL FAMILIES: SINGLEâ€GROUP DESIGNS. ETS Research Report Series, 2008, 2008, i.	0.5	2
66	CONSISTENCY OF SATÂ® I: REASONING TEST SCORE CONVERSIONS. ETS Research Report Series, 2008, 2008, i.	0.5	10
67	COMPARISON OF MULTIDIMENSIONAL ITEM RESPONSE MODELS: MULTIVARIATE NORMAL ABILITY DISTRIBUTIONS VERSUS MULTIVARIATE POLYTOMOUS ABILITY DISTRIBUTIONS. ETS Research Report Series, 2008, 2008, i.	0.5	25
68	When Can Subscores Have Value?. Journal of Educational and Behavioral Statistics, 2008, 33, 204-229.	1.0	175
69	ASYMPTOTIC LIMITS OF ITEM PARAMETERS IN JOINT MAXIMUMâ€LIKELIHOOD ESTIMATION FOR THE RASCH MODEL. ETS Research Report Series, 2008, 2008, 1-13.	0.5	6
70	CONTINUOUS EXPONENTIAL FAMILIES: AN EQUATING TOOL. ETS Research Report Series, 2008, 2008, i-18.	0.5	4
71	SAMPLEâ€SIZE REQUIREMENTS FOR AUTOMATED ESSAY SCORING. ETS Research Report Series, 2008, 2008, i.	0.5	5
72	OUTLIERS IN ASSESSMENTS. ETS Research Report Series, 2008, 2008, i-15.	0.5	0

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73	COMPARISON OF SUBSCORES BASED ON CLASSICAL TEST THEORY METHODS. ETS Research Report Series, 2008, 2008, i.	0.5	7
74	SUBSCORES AND VALIDITY. ETS Research Report Series, 2008, 2008, i-11.	0.5	11
75	RELIABILITY OF SCALED SCORES. ETS Research Report Series, 2008, 2008, i-9.	0.5	2
76	Linear Prediction of a True Score From a Direct Estimate and Several Derived Estimates. Journal of Educational and Behavioral Statistics, 2007, 32, 6-23.	1.0	9
77	THE INFORMATION A TEST PROVIDES ON AN ABILITY PARAMETER. ETS Research Report Series, 2007, 2007, i.	0.5	9
78	INVESTIGATING THE EFFECTIVENESS OF A SYNTHETIC LINKING FUNCTION ON SMALL SAMPLE EQUATING. ETS Research Report Series, 2007, 2007, i-40.	0.5	3
79	Subscores Based on Classical Test Theory: To Report or Not to Report. Educational Measurement: Issues and Practice, 2007, 26, 21-28.	0.8	66
80	Limits on Log Odds Ratios for Unidimensional Item Response Theory Models. Psychometrika, 2007, 72, 551-561.	1.2	4
81	The Interaction Model. , 2007, , 201-216.		14
82	Bias in Estimation of Misclassification Rates. Psychometrika, 2006, 71, 387-394.	1.2	1
83	AN ELEMENTARY TEST OF THE NORMAL 2PL MODEL AGAINST THE NORMAL 3PL ALTERNATIVE. ETS Research Report Series, 2006, 2006, i.	0.5	12
84	JOINT AND CONDITIONAL ESTIMATION FOR IMPLICIT MODELS FOR TESTS WITH POLYTOMOUS ITEM SCORES. ETS Research Report Series, 2006, 2006, i.	0.5	4
85	SUBSCORES FOR INSTITUTIONS. ETS Research Report Series, 2006, 2006, i.	0.5	5
86	AN ALTERNATIVE TO EQUATING WITH SMALL SAMPLES IN THE NON-EQUIVALENT GROUPS ANCHOR TEST DESIGN. ETS Research Report Series, 2006, 2006, i-40.	0.5	8
87	ADAPTIVE QUADRATURE FOR ITEM RESPONSE MODELS. ETS Research Report Series, 2006, 2006, i-10.	0.5	17
88	LIMITS ON LOG CROSSâ€PRODUCT RATIOS FOR ITEM RESPONSE MODELS. ETS Research Report Series, 2006, 2006, i.	0.5	0
89	31B Some Notes on Models for Cognitively Based Skills Diagnosis. Handbook of Statistics, 2006, 26, 1031-1038.	0.4	15
90	7 Electronic Essay Grading. Handbook of Statistics, 2006, 26, 205-233.	0.4	1

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91	WHEN CAN SUBSCORES HAVE VALUE?. ETS Research Report Series, 2005, 2005, i-15.	0.5	12
92	IDENTIFIABILITY OF PARAMETERS IN ITEM RESPONSE MODELS WITH UNCONSTRAINED ABILITY DISTRIBUTIONS. ETS Research Report Series, 2005, 2005, i-22.	0.5	10
93	LATENT-CLASS ITEM RESPONSE MODELS. ETS Research Report Series, 2005, 2005, i-7.	0.5	13
94	INTERPRETATIONS OF RELIABILITY. ETS Research Report Series, 2005, 2005, i-6.	0.5	5
95	PROBABILITY PREDICTION AND CLASSIFICATION. ETS Research Report Series, 2004, 2004, i.	0.5	0
96	THE BEST LINEAR PREDICTOR FOR TRUE SCORE FROM A DIRECT ESTIMATE AND SEVERAL DERIVED ESTIMATES. ETS Research Report Series, 2004, 2004, i-16.	0.5	3
97	JOINT AND CONDITIONAL MAXIMUM LIKELIHOOD ESTIMATION FOR THE RASCH MODEL FOR BINARY RESPONSES. ETS Research Report Series, 2004, 2004, i.	0.5	20
98	STATISTICAL AND MEASUREMENT PROPERTIES OF FEATURES USED IN ESSAY ASSESSMENT. ETS Research Report Series, 2004, 2004, i.	0.5	6
99	Analysis of Categorical Response Profiles By Informative Summaries. Sociological Methodology, 2001, 31, 129-187.	1.4	17
100	Prediction Functions for Categorical Panel Data. Annals of Statistics, 1995, 23, 1130.	1.4	24
101	Computation of Maximum Likelihood Estimates in Association Models. Journal of the American Statistical Association, 1995, 90, 1438-1446.	1.8	23
102	Dispersion of Categorical Variables and Penalty Functions: Derivation, Estimation, and Comparability. Journal of the American Statistical Association, 1995, 90, 1447-1452.	1.8	17
103	Statistical Applications Using Fuzzy Sets.. Journal of the American Statistical Association, 1995, 90, 1131.	1.8	57
104	Conditional Log-Linear Models for Analyzing Categorical Panel Data. Journal of the American Statistical Association, 1994, 89, 645-656.	1.8	47
105	Statistical models for the analysis of ordered categorical data in public health and medical research. Statistical Methods in Medical Research, 1994, 3, 179-204.	0.7	9
106	The Analysis of Nonadditivity in Two-Way Analysis of Variance. Journal of the American Statistical Association, 1990, 85, 139-145.	1.8	47
107	Concavity and Estimation. Annals of Statistics, 1989, 17, 1631.	1.4	67
108	A Stabilized Newton-Raphson Algorithm for Log-Linear Models for Frequency Tables Derived by Indirect Observation. Sociological Methodology, 1988, 18, 193.	1.4	42

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109	A Warning on the Use of Chi-Squared Statistics with Frequency Tables with Small Expected Cell Counts. Journal of the American Statistical Association, 1988, 83, 555-560.	1.8	78
110	The Analysis of Multivariate Contingency Tables by Restricted Canonical and Restricted Association Models. Journal of the American Statistical Association, 1988, 83, 760-771.	1.8	64
111	The Calculation of Posterior Distributions by Data Augmentation: Comment. Journal of the American Statistical Association, 1987, 82, 546.	1.8	0
112	Canonical Analysis of Contingency Tables by Maximum Likelihood. Journal of the American Statistical Association, 1986, 81, 780-788.	1.8	102
113	Correction: Adjustment by Minimum Discriminant Information. Annals of Statistics, 1986, 14, .	1.4	3
114	Adjustment by Minimum Discriminant Information. Annals of Statistics, 1984, 12, 971.	1.4	65
115	Analysis of Dispersion of Multinomial Responses. Journal of the American Statistical Association, 1982, 77, 568-580.	1.8	94
116	An Exponential Family of Probability Distributions for Directed Graphs: Comment. Journal of the American Statistical Association, 1981, 76, 60.	1.8	10
117	Tests for Independence in Two-Way Contingency Tables Based on Canonical Correlation and on Linear-By-Linear Interaction. Annals of Statistics, 1981, 9, 1178.	1.4	79
118	A note on the conditional moments of a multivariate normal distribution confined to a convex set. Journal of Multivariate Analysis, 1980, 10, 398-404.	0.5	1
119	Plasma CPK levels in monozygotic and dizygotic twins discordant for schizophrenia. Journal of Psychiatric Research, 1979, 15, 127-131.	1.5	1
120	Smooth pursuit eye movements in twins discordant for schizophrenia. Journal of Psychiatric Research, 1978, 14, 111-120.	1.5	41
121	Smooth-pursuit eye movements: A comparison of two measurement techniques for studying schizophrenia.. Journal of Abnormal Psychology, 1978, 87, 491-496.	2.0	62
122	Product Models for Frequency Tables Involving Indirect Observation. Annals of Statistics, 1977, 5, 1124.	1.4	59
123	Log-Linear Models and Frequency Tables with Small Expected Cell Counts. Annals of Statistics, 1977, 5, 1148.	1.4	164
124	Prediction Analysis of Cross Classifications.. Journal of the American Statistical Association, 1977, 72, 923.	1.8	59
125	Maximum Likelihood Estimates in Exponential Response Models. Annals of Statistics, 1977, 5, .	1.4	212
126	Review: Y. M. M. Bishop, S. E. Fienberg, P. W. Holland, Discrete Multivariate Analysis: Theory and Practice. Annals of Statistics, 1976, 4, .	1.4	1

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127	How Much Do Gauss-Markov and Least Square Estimates Differ? A Coordinate-Free Approach. Annals of Statistics, 1975, 3, 982.	1.4	36
128	Direct Products and Linear Models for Complete Factorial Tables. Annals of Statistics, 1975, 3, .	1.4	11
129	Log-Linear Models for Frequency Tables with Ordered Classifications. Biometrics, 1974, 30, 589.	0.8	171
130	Log-Linear Models for Frequency Tables Derived by Indirect Observation: Maximum Likelihood Equations. Annals of Statistics, 1974, 2, 911.	1.4	64
131	The Analysis of Residuals in Cross-Classified Tables. Biometrics, 1973, 29, 205.	0.8	776
132	Log-Linear Models for Frequency Data: Sufficient Statistics and Likelihood Equations. Annals of Statistics, 1973, 1, 617.	1.4	53
133	Analysis of Dispersion of Multinomial Responses. , 0, .		17
134	A Warning on the Use of Chi-Squared Statistics with Frequency Tables with Small Expected Cell Counts. , 0, .		13
135	Canonical Analysis of Contingency Tables by Maximum Likelihood. , 0, .		16
136	The Analysis of Multivariate Contingency Tables by Restricted Canonical and Restricted Association Models. , 0, .		16
137	The Analysis of Nonadditivity in Two-Way Analysis of Variance. , 0, .		3
138	Conditional Log-Linear Models for Analyzing Categorical Panel Data. , 0, .		6
139	Computation of Maximum Likelihood Estimates in Association Models. , 0, .		7
140	Dispersion of Categorical Variables and Penalty Functions: Derivation, Estimation, and Comparability. , 0, .		5