

Assessing Approximate Fit in Categorical Data Analysis

Multivariate Behavioral Research

49, 305-328

DOI: [10.1080/00273171.2014.911075](https://doi.org/10.1080/00273171.2014.911075)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Identifying the Source of Misfit in Item Response Theory Models. <i>Multivariate Behavioral Research</i> , 2014, 49, 354-371.	1.8	18
2	Item diagnostics in multivariate discrete data.. <i>Psychological Methods</i> , 2015, 20, 276-292.	2.7	19
3	Evaluating Structural Equation Models for Categorical Outcomes: A New Test Statistic and a Practical Challenge of Interpretation. <i>Multivariate Behavioral Research</i> , 2015, 50, 569-583.	1.8	49
4	Personality Trait Differences Between Young and Middle-aged Adults: Measurement Artifacts or Actual Trends?. <i>Journal of Personality</i> , 2016, 84, 473-492.	1.8	30
5	An Application of M^2 Statistic to Evaluate the Fit of Cognitive Diagnostic Models. <i>Journal of Educational and Behavioral Statistics</i> , 2016, 41, 3-26.	1.0	39
6	An autoregressive growth model for longitudinal item analysis. <i>Psychometrika</i> , 2016, 81, 830-850.	1.2	7
7	Evaluation of Model Fit in Cognitive Diagnosis Models. <i>International Journal of Testing</i> , 2016, 16, 119-141.	0.2	22
8	A two-step item response theory procedure for a better measurement of marketing constructs. <i>Journal of Marketing Analytics</i> , 2016, 4, 28-50.	2.2	2
9	Using item response theory to address vulnerabilities in FFQ. <i>British Journal of Nutrition</i> , 2017, 118, 383-391.	1.2	4
10	A theory of planned behaviour-based analysis of TIMSS 2011 to determine factors influencing inquiry teaching practices in high-performing countries. <i>International Journal of Science Education</i> , 2017, 39, 1304-1325.	1.0	7
11	Forced-Choice Assessment of Work-Related Maladaptive Personality Traits: Preliminary Evidence From an Application of Thurstonian Item Response Modeling. <i>Assessment</i> , 2018, 25, 513-526.	1.9	44
12	Comparison of different estimation methods in growth curve models for categorical data: A simulation study. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2018, 47, 1811-1830.	0.6	4
13	Retrofitting Diagnostic Classification Models to Responses From IRT-Based Assessment Forms. <i>Educational and Psychological Measurement</i> , 2018, 78, 357-383.	1.2	35
14	Misspecification of Attribute Structure in Diagnostic Measurement. <i>Educational and Psychological Measurement</i> , 2018, 78, 605-634.	1.2	11
15	Multivariate Hypothesis Testing Methods for Evaluating Significant Individual Change. <i>Applied Psychological Measurement</i> , 2018, 42, 221-239.	0.6	6
16	Sources of Error in IRT Trait Estimation. <i>Applied Psychological Measurement</i> , 2018, 42, 359-375.	0.6	14
17	Relative Diagnostic Profile: A Subscore Reporting Framework. <i>Educational and Psychological Measurement</i> , 2018, 78, 1072-1088.	1.2	10
18	Measuring Perceived Corporate Hypocrisy: Scale Development in the Context of U.S. Retail Employees. <i>Sustainability</i> , 2018, 10, 4756.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Integrating Differential Evolution Optimization to Cognitive Diagnostic Model Estimation. <i>Frontiers in Psychology</i> , 2018, 9, 2142.	1.1	16
20	Validation of a Symptoms Distress Scale in a Cirrhotic Population Using Item Response Theory. <i>Nursing Research</i> , 2018, 67, 359-368.	0.8	0
21	Applying the M2 Statistic to Evaluate the Fit of Diagnostic Classification Models in the Presence of Attribute Hierarchies. <i>Frontiers in Psychology</i> , 2018, 9, 1875.	1.1	5
22	The Relationship Between the Standardized Root Mean Square Residual and Model Misspecification in Factor Analysis Models. <i>Multivariate Behavioral Research</i> , 2018, 53, 676-694.	1.8	77
23	An Item Response Theory Analysis of the SCOFF Questionnaire in a High School Population. <i>Journal of Evidence-Based Social Work (United States)</i> , 2019, 16, 404-422.	0.3	10
24	Handbook of Diagnostic Classification Models. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , .	0.4	60
25	Solventâ€Solvent Cooling Crystallization: An Effective Method to Control the Morphology and Size of Ammonium Perchlorate Crystals. <i>Crystal Research and Technology</i> , 2019, 54, 1900065.	0.6	15
26	Can We Learn From Student Mistakes in a Formative, Reading Comprehension Assessment?. <i>Journal of Educational Measurement</i> , 2019, 56, 815-835.	0.7	3
27	Diagnosing EFL learnersâ€™ writing ability: a diagnostic classification modeling analysis. <i>Language Testing in Asia</i> , 2019, 9, .	1.0	8
28	Pediatric Perceived Cognitive Functioning: Psychometric Properties and Normative Data of the Dutch Item Bank and Short Form. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 845-856.	1.2	5
29	Restricted Recalibration of Item Response Theory Models. <i>Psychometrika</i> , 2019, 84, 529-553.	1.2	11
30	Alternative Multiple Imputation Inference for Categorical Structural Equation Modeling. <i>Multivariate Behavioral Research</i> , 2019, 54, 323-337.	1.8	6
31	Confirmatory analysis and normative tables for the <sc>Brazilian Ages and Stages Questionnaires</sc>: <sc>Socialâ€™Emotional</sc>. <i>Child: Care, Health and Development</i> , 2019, 45, 387-393.	0.8	9
32	The Psychometric Modeling of Scientific Reasoning: a Review and Recommendations for Future Avenues. <i>Educational Psychology Review</i> , 2019, 31, 1-34.	5.1	40
33	Psychometric Properties of the Satisfaction With Life Scale in People With Traumatic Brain, Spinal Cord, or Burn Injury: A National Institute on Disability, Independent Living, and Rehabilitation Research Model System Study. <i>Assessment</i> , 2019, 26, 695-705.	1.9	24
34	Psychometric properties of the Weight Self-Stigma Questionnaire (WSSQ) among a sample of overweight/obese French-speaking adolescents. <i>Eating and Weight Disorders</i> , 2019, 24, 575-583.	1.2	27
35	Developing and Validating a Computerized Adaptive Test to Measure Broad and Specific Factors of Internalizing in a Community Sample. <i>Assessment</i> , 2019, 26, 1030-1045.	1.9	17
36	Middle Class and Its Attitude Toward Government in Different Political Systems: A Comparison of China and Japan. <i>Chinese Political Science Review</i> , 2020, 5, 74-94.	2.0	3

#	ARTICLE	IF	CITATIONS
37	Evaluating the Fit of Sequential G-DINA Model Using Limited-Information Measures. <i>Applied Psychological Measurement</i> , 2020, 44, 167-181.	0.6	12
38	The Development and Validation of an Online Spatial Network Measure. <i>Assessment</i> , 2020, 27, 1914-1927.	1.9	0
39	Comparing Scores From Full Length, Short Form, and Adaptive Tests of the Social Interaction Anxiety and Social Phobia Scales. <i>Assessment</i> , 2020, 27, 518-532.	1.9	5
40	Advancing and Evaluating IRT Model Data Fit Indices in Organizational Research. <i>Organizational Research Methods</i> , 2020, 23, 457-486.	5.6	16
41	Factor Analysis for Nominal (First Choice) Data. <i>Structural Equation Modeling</i> , 2020, 27, 781-797.	2.4	9
42	Examining the item response process to personality measures in high-stakes situations: Issues of measurement validity and predictive validity. <i>Personnel Psychology</i> , 2020, 73, 305-332.	2.2	14
43	Performance of Person-Fit Statistics Under Model Misspecification. <i>Journal of Educational Measurement</i> , 2020, 57, 423-442.	0.7	2
44	Grit and conscientiousness: Another jangle fallacy. <i>Journal of Research in Personality</i> , 2020, 89, 104021.	0.9	49
45	An Item Response Theory Analysis of the Children's Hope Scale. <i>Journal of the Society for Social Work and Research</i> , 2020, 11, 339-364.	0.9	3
46	The WHO-5 well-being index " validation based on item response theory and the analysis of measurement invariance across 35 countries. <i>Journal of Affective Disorders Reports</i> , 2020, 1, 100020.	0.9	68
47	Diagnosing English reading ability in Chinese senior high schools. <i>Studies in Educational Evaluation</i> , 2020, 67, 100931.	1.2	7
48	Metric Stability in Item Response Models. <i>Multivariate Behavioral Research</i> , 2022, 57, 94-111.	1.8	5
49	A Comparison of Limited-Information Test Statistics for a Response Style MIRT Model. <i>Multivariate Behavioral Research</i> , 2020, 56, 1-16.	1.8	2
50	Comparing cannabis use motive item performance between American Indian and White youth. <i>Drug and Alcohol Dependence</i> , 2020, 213, 108086.	1.6	10
51	Primary care functioning scale showed validity and reliability in patients with chronic conditions: a psychometric study. <i>Journal of Clinical Epidemiology</i> , 2020, 125, 130-137.	2.4	4
52	Estimation of Response Styles Using the Multidimensional Nominal Response Model: A Tutorial and Comparison With Sum Scores. <i>Frontiers in Psychology</i> , 2020, 11, 72.	1.1	5
53	Analyzing the Fit of IRT Models With the Hausman Test. <i>Frontiers in Psychology</i> , 2020, 11, 149.	1.1	6
54	Examining differential item functioning of social interaction and performance fears in people with hazardous alcohol consumption and probable alcohol dependence. <i>Addiction Research and Theory</i> , 2020, 28, 484-492.	1.2	1

#	ARTICLE	IF	CITATIONS
55	flexMIRT: A Flexible Modeling Package for Multidimensional Item Response Models. <i>Measurement</i> , 2020, 18, 40-54.	0.1	3
56	A Rasch and factor analysis of an Indonesian version of the Student Perception of Opportunity Competence Development (SPOCD) questionnaire. <i>Cogent Education</i> , 2020, 7, .	0.6	6
57	Q-Matrix Estimation Methods for Cognitive Diagnosis Models: Based on Partial Known Q-Matrix. <i>Multivariate Behavioral Research</i> , 2020, , 1-13.	1.8	11
58	Testing Latent Variable Distribution Fit in IRT Using Posterior Residuals. <i>Journal of Educational and Behavioral Statistics</i> , 2021, 46, 374-398.	1.0	4
59	Measuring Depression in Autistic Adults: Psychometric Validation of the Beck Depression Inventoryâ€™. <i>Assessment</i> , 2021, 28, 858-876.	1.9	44
60	Developing individualized feedback for listening assessment: Combining standard setting and cognitive diagnostic assessment approaches. <i>Language Testing</i> , 2022, 39, 90-116.	1.7	21
61	Factor copula models for mixed data. <i>British Journal of Mathematical and Statistical Psychology</i> , 2021, 74, 365-403.	1.0	3
63	A novel online assessment of pragmatic and core language skills: An attempt to tease apart language domains in children. <i>Journal of Child Language</i> , 2022, 49, 38-59.	0.8	6
64	A Short Measure of Acceptability of Intimate Partner Violence Against Women: Development and Validation of the A-IPVAW-8 Scale. <i>Assessment</i> , 2022, 29, 896-908.	1.9	6
65	A systematic review of item response theory in language assessment: Implications for the dimensionality of language ability. <i>Studies in Educational Evaluation</i> , 2021, 68, 100963.	1.2	11
66	Assessing general and autismâ€™relevant quality of life in autistic adults: A psychometric investigation using item response theory. <i>Autism Research</i> , 2021, 14, 1633-1644.	2.1	22
67	Incremental Model Fit Assessment in the Case of Categorical Data: Tuckerâ€™Lewis Index for Item Response Theory Modeling. <i>Prevention Science</i> , 2023, 24, 455-466.	1.5	22
68	To Reverse Item Orientation or Not to Reverse Item Orientation, That Is the Question. <i>Assessment</i> , 2021, , 107319112110176.	1.9	9
71	Psychometric validation and refinement of the Interoception Sensory Questionnaire (ISQ) in adolescents and adults on the autism spectrum. <i>Molecular Autism</i> , 2021, 12, 42.	2.6	6
72	A daily diary study of minority stress and negative and positive affect among racially diverse sexual minority adolescents.. <i>Journal of Counseling Psychology</i> , 2021, 68, 670-681.	1.4	20
73	A tool to assess underlying factors to water provision among Guinean children. <i>Maternal and Child Nutrition</i> , 2021, , e13249.	1.4	3
74	Measurement of the problematic usage of the Internet unidimensional quasitrait continuum with item response theory.. <i>Psychological Assessment</i> , 2021, 33, 652-671.	1.2	15
75	Body Appreciation Scale (BAS-2): measurement invariance across genders and item response theory examination. <i>BMC Psychology</i> , 2021, 9, 114.	0.9	15

#	ARTICLE	IF	CITATIONS
76	Examining Measurement Invariance and Perceptions of School Climate Across Gender and Race and Ethnicity. <i>Journal of Psychoeducational Assessment</i> , 2021, 39, 800-815.	0.9	10
77	Improving the measurement of alexithymia in autistic adults: a psychometric investigation of the 20-item Toronto Alexithymia Scale and generation of a general alexithymia factor score using item response theory. <i>Molecular Autism</i> , 2021, 12, 56.	2.6	20
78	Validity studies of a parent-completed social-emotional measure in a representative sample in China. <i>Applied Developmental Science</i> , 2022, 26, 689-703.	1.0	2
80	Research on construction method of learning paths and learning progressions based on cognitive diagnosis assessment. <i>Assessment in Education</i> , 0, , 1-19.	0.7	5
81	Development and Initial Validation of the Duke Misophonia Questionnaire. <i>Frontiers in Psychology</i> , 2021, 12, 709928.	1.1	42
82	On exploratory analytic method for multi-way contingency tables with an ordinal response variable and categorical explanatory variables. <i>Journal of Multivariate Analysis</i> , 2021, 186, 104793.	0.5	1
83	Global- and Item-Level Model Fit Indices. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , 265-285.	0.4	6
84	How to Conduct a Study with Diagnostic Models. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , 525-545.	0.4	1
85	The R Package CDM for Diagnostic Modeling. <i>Methodology of Educational Measurement and Assessment</i> , 2019, , 549-572.	0.4	5
86	Optimal assessment of protective behavioral strategies among college drinkers: An item response theory analysis.. <i>Psychological Assessment</i> , 2020, 32, 394-406.	1.2	6
87	Studentsâ€™ proficiency scores within multitrait item response theory. <i>Physical Review Physics Education Research</i> , 2015, 11, .	1.7	37
88	Matches Made With Information: Fitting Measurement Models to Adult Attachment Data. <i>Assessment</i> , 2021, 28, 1828-1847.	1.9	4
89	SMALLHOLDER FARMERS INNOVATIVENESS AND ITS DETERMINANTS IN EASTERN HARARGHE, OROMIYA REGION, ETHIOPIA. <i>Review of Agricultural and Applied Economics</i> , 2020, 23, 13-21.	0.1	1
90	Psychometric properties of the Subjective Happiness Scale in Four Asian countries. <i>Journal of Well-Being Assessment</i> , 0, , 1.	0.7	0
91	Investigating the Behaviors of M^2 and $RMSEA^2$ in Fitting a Unidimensional Model to Multidimensional Data. <i>Applied Psychological Measurement</i> , 2017, 41, 632-644.	0.6	14
93	The Index of Productive Syntax: Psychometric Properties and Suggested Modifications. <i>American Journal of Speech-Language Pathology</i> , 2022, 31, 239-256.	0.9	7
94	Cross-Cultural Validation of a New Version in Spanish of Four Items of the Preventive COVID-19 Infection Behaviors Scale (PCIBS) in Twelve Latin American Countries. <i>Frontiers in Psychology</i> , 2021, 12, 763993.	1.1	7
95	Application of Bi-factor MIRT and Higher-order CDM Models to an In-house EFL Listening Test for Diagnostic Purposes. <i>Language Assessment Quarterly</i> , 2022, 19, 189-213.	1.1	2

#	ARTICLE	IF	CITATIONS
96	A Tutorial on Cognitive Diagnosis Modeling for Characterizing Mental Health Symptom Profiles Using Existing Item Responses. <i>Prevention Science</i> , 2022, , 1.	1.5	7
97	The Use of Cognitive Diagnostic Modeling in the Assessment of Computational Thinking. <i>AERA Open</i> , 2022, 8, 233285842210812.	1.3	1
98	Slovak adaptation of the Coronavirus Anxiety Scale. <i>Death Studies</i> , 2023, 47, 172-182.	1.8	4
99	Diagnostic Classification Models for Actionable Feedback in Education: Effects of Sample Size and Assessment Length. <i>Frontiers in Education</i> , 2022, 7, .	1.2	2
100	Spanish Translation and Validation of the COVID Stress Scales in Peru. <i>Frontiers in Psychology</i> , 2022, 13, 840302.	1.1	13
101	Reliability coefficients for multiple group item response theory models. <i>British Journal of Mathematical and Statistical Psychology</i> , 2022, 75, 395-410.	1.0	4
102	Latent variable mixture models to address heterogeneity in patient-reported outcome data. <i>Methods</i> , 2022, , .	1.9	2
103	Cognitively Diagnostic Analysis Using the G-DINA Model in R. <i>Psych</i> , 2021, 3, 812-835.	0.7	6
104	Development of a computerized adaptive testing for ADHD using Bayesian networks: An attempt at classification. <i>Current Psychology</i> , 0, , .	1.7	0
107	Cognitive Diagnostic Assessment in University Statistics Education: Valid and Reliable Skill Measurement for Actionable Feedback Using Learning Dashboards. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4809.	1.3	3
108	You Can't Compare If You Don't Prepare: Differential Item Functioning In Measures of Grit, STEM Self-Regulation, and Motivation. <i>Journal of Experimental Education</i> , 2023, 91, 557-575.	1.6	2
109	Is the Area Under Curve Appropriate for Evaluating the Fit of Psychometric Models?. <i>Educational and Psychological Measurement</i> , 2023, 83, 586-608.	1.2	1
111	Assessing Argumentation Using Machine Learning and Cognitive Diagnostic Modeling. <i>Research in Science Education</i> , 2023, 53, 405-424.	1.4	17
112	Measuring science self-efficacy with a focus on the perceived competence dimension: using mixed methods to develop an instrument and explore changes through cross-sectional and longitudinal analyses in high school. <i>International Journal of STEM Education</i> , 2022, 9, .	2.7	8
113	Psychometric validation of a brief self-report measure of misophonia symptoms and functional impairment: The duke-vanderbilt misophonia screening questionnaire. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	6
114	Psychometric evidence of a new short version in Spanish of the COVID-19 impact scale: A study based on confirmatory factor analysis, graded response model, multigroup analysis, and path analysis. <i>Electronic Journal of General Medicine</i> , 2022, 19, em407.	0.3	1
115	Satisfaction towards virtual courses: Development and validation of a short measure in COVID-19 times. <i>Heliyon</i> , 2022, 8, e10311.	1.4	2
116	Functioning of the EROS-R Scale in a Clinical Sample of Psychiatric Patients: New Psychometric Evidence from the Classical Test Theory and the Item Response Theory. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10062.	1.2	1

#	ARTICLE	IF	CITATIONS
117	Item response theory and differential test functioning analysis of the HBSC-Symptom-Checklist across 46 countries. BMC Medical Research Methodology, 2022, 22, .	1.4	11
118	Receptivity to Instructional Feedback. European Journal of Psychological Assessment, 2024, 40, 22-32.	1.7	2
119	Measurement of Risk Factors Associated With bereavement Severity and Deterioration by COVID-19: A Spanish Validation Study of the Pandemic Grief Risk Factors. Omega: Journal of Death and Dying, 0, , 003022282211249.	0.7	4
120	How Multidimensional is Computational Thinking Competency? A Bi-Factor Model of the Computational Thinking Challenge. Journal of Educational Computing Research, 2023, 61, 259-282.	3.6	2
121	Relationship Satisfaction in Young Couples: Evidence for Validity of Short Scale Combining CFA and IRT. Journal of Sex and Marital Therapy, 2023, 49, 420-431.	1.0	3
122	Model-data fit evaluation: item fit and model selection. , 2023, , 260-272.		0
123	Bi-factor and Second-Order Copula Models for Item Response Data. Psychometrika, 0, , .	1.2	2
124	Using country-specific Q-matrices for cognitive diagnostic assessments with international large-scale data. Large-Scale Assessments in Education, 2022, 10, .	0.8	0
125	Emotion matching task: Preliminary validation in Croatian sample. European Journal of Developmental Psychology, 2023, 20, 730-743.	1.0	0
126	Assessing social competence and antisocial behaviors in children: item response theory analysis of the home and community social behavior scales. BMC Psychology, 2023, 11, .	0.9	0
127	Number of Response Categories and Sample Size Requirements in Polytomous IRT Models. Journal of Experimental Education, 2024, 92, 154-185.	1.6	1
129	Cognitive diagnostic analysis of students' mathematical competency based on the DINA model. Psychology in the Schools, 0, , .	1.1	0
130	Psychometric properties of the generalized anxiety disorder-7 (GAD-7) in a sample of workers. Frontiers in Psychiatry, 0, 14, .	1.3	5
131	Advantages of Using Unweighted Approximation Error Measures for Model Fit Assessment. Psychometrika, 0, , .	1.2	0