

Peter Bentler

List of Publications by Year in descending order

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117
papers

126,292
citations

38660

50
h-index

23472

111
g-index

123
all docs

123
docs citations

123
times ranked

70391
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. <i>Structural Equation Modeling</i> , 1999, 6, 1-55.	2.4	69,701
2	Comparative fit indexes in structural models.. <i>Psychological Bulletin</i> , 1990, 107, 238-246.	5.5	19,439
3	Significance tests and goodness of fit in the analysis of covariance structures.. <i>Psychological Bulletin</i> , 1980, 88, 588-606.	5.5	13,015
4	Fit indices in covariance structure modeling: Sensitivity to underparameterized model misspecification.. <i>Psychological Methods</i> , 1998, 3, 424-453.	2.7	8,230
5	A scaled difference chi-square test statistic for moment structure analysis. <i>Psychometrika</i> , 2001, 66, 507-514.	1.2	4,292
6	Ensuring Positiveness of the Scaled Difference Chi-square Test Statistic. <i>Psychometrika</i> , 2010, 75, 243-248.	1.2	1,410
7	5. Three Likelihood-Based Methods for Mean and Covariance Structure Analysis with Nonnormal Missing Data. <i>Sociological Methodology</i> , 2000, 30, 165-200.	1.4	1,175
8	Can test statistics in covariance structure analysis be trusted?. <i>Psychological Bulletin</i> , 1992, 112, 351-362.	5.5	1,126
9	On tests and indices for evaluating structural models. <i>Personality and Individual Differences</i> , 2007, 42, 825-829.	1.6	633
10	Scaled test statistics and robust standard errors for non-normal data in covariance structure analysis: A Monte Carlo study. <i>British Journal of Mathematical and Statistical Psychology</i> , 1991, 44, 347-357.	1.0	485
11	COVARIANCE STRUCTURE ANALYSIS: Statistical Practice, Theory, and Directions. <i>Annual Review of Psychology</i> , 1996, 47, 563-592.	9.9	479
12	Linear structural equations with latent variables. <i>Psychometrika</i> , 1980, 45, 289-308.	1.2	439
13	Some contributions to efficient statistics in structural models: Specification and estimation of moment structures. <i>Psychometrika</i> , 1983, 48, 493-517.	1.2	392
14	Model Modification in Covariance Structure Modeling: A Comparison among Likelihood Ratio, Lagrange Multiplier, and Wald Tests. <i>Multivariate Behavioral Research</i> , 1990, 25, 115-136.	1.8	389
15	Alpha, Dimension-Free, and Model-Based Internal Consistency Reliability. <i>Psychometrika</i> , 2009, 74, 137-143.	1.2	323
16	Normal theory based test statistics in structural equation modelling. <i>British Journal of Mathematical and Statistical Psychology</i> , 1998, 51, 289-309.	1.0	189
17	On Chi-Square Difference and z Tests in Mean and Covariance Structure Analysis when the Base Model is Misspecified. <i>Educational and Psychological Measurement</i> , 2004, 64, 737-757.	1.2	188
18	A two-stage estimation of structural equation models with continuous and polytomous variables. <i>British Journal of Mathematical and Statistical Psychology</i> , 1995, 48, 339-358.	1.0	179

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19	Structural equation models in medical research. <i>Statistical Methods in Medical Research</i> , 1992, 1, 159-181.	0.7	173
20	ML Estimation of Mean and Covariance Structures with Missing Data Using Complete Data Routines. <i>Journal of Educational and Behavioral Statistics</i> , 1999, 24, 21-24.	1.0	160
21	Mean and Covariance Structure Analysis: Theoretical and Practical Improvements. <i>Journal of the American Statistical Association</i> , 1997, 92, 767-774.	1.8	159
22	On the Equivalence of Factors and Components. <i>Multivariate Behavioral Research</i> , 1990, 25, 67-74.	1.8	143
23	Structural modeling and psychometrika: An historical perspective on growth and achievements. <i>Psychometrika</i> , 1986, 51, 35-51.	1.2	128
24	Comparisons of two statistical approaches to study growth curves: The multilevel model and the latent curve analysis. <i>Structural Equation Modeling</i> , 1998, 5, 247-266.	2.4	125
25	On Averaging Variables in a Confirmatory Factor Analysis Model. <i>Behaviormetrika</i> , 1997, 24, 71-83.	0.9	113
26	On Components, Latent Variables, PLS and Simple Methods: Reactions to Rigdon's Rethinking of PLS. <i>Long Range Planning</i> , 2014, 47, 138-145.	2.9	112
27	Robust mean and covariance structure analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 1998, 51, 63-88.	1.0	104
28	Testing model nesting and equivalence.. <i>Psychological Methods</i> , 2010, 15, 111-123.	2.7	99
29	Semantic Space is (Approximately) Bipolar. <i>Journal of Psychology: Interdisciplinary and Applied</i> , 1969, 71, 33-40.	0.9	92
30	Tests for stability in linear structural equation systems. <i>Psychometrika</i> , 1983, 48, 143-145.	1.2	91
31	Psychometric Properties of the Kidney Disease Quality of Life 36-Item Short-Form Survey (KDQOL-36) in the United States. <i>American Journal of Kidney Diseases</i> , 2018, 71, 461-468.	2.1	90
32	Inequalities among lower bounds to reliability: With applications to test construction and factor analysis. <i>Psychometrika</i> , 1980, 45, 249-267.	1.2	84
33	Formative Constructs Implemented via Common Factors. <i>Structural Equation Modeling</i> , 2011, 18, 1-17.	2.4	84
34	ML Versus MI for Missing Data With Violation of Distribution Conditions. <i>Sociological Methods and Research</i> , 2012, 41, 598-629.	4.3	80
35	Alpha-maximized factor analysis (alphamax): Its relation to alpha and canonical factor analysis. <i>Psychometrika</i> , 1968, 33, 335-345.	1.2	78
36	Can scientifically useful hypotheses be tested with correlations?. <i>American Psychologist</i> , 2007, 62, 772-782.	3.8	78

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37	Bootstrap-corrected ADF test statistics in covariance structure analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 1994, 47, 63-84.	1.0	76
38	On measures of explained variance in nonrecursive structural equation models.. <i>Journal of Applied Psychology</i> , 2000, 85, 125-131.	4.2	73
39	Effect of outliers on estimators and tests in covariance structure analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 2001, 54, 161-175.	1.0	72
40	The Contribution of Family Relationships to Child-to-Parent Violence. <i>Journal of Family Violence</i> , 2016, 31, 259-269.	2.1	72
41	Ridge structural equation modelling with correlation matrices for ordinal and continuous data. <i>British Journal of Mathematical and Statistical Psychology</i> , 2011, 64, 107-133.	1.0	71
42	A Two-Stage Approach to Missing Data: Theory and Application to Auxiliary Variables. <i>Structural Equation Modeling</i> , 2009, 16, 477-497.	2.4	69
43	On the Likelihood Ratio Test for the Number of Factors in Exploratory Factor Analysis. <i>Structural Equation Modeling</i> , 2007, 14, 505-526.	2.4	68
44	Tests of homogeneity of means and covariance matrices for multivariate incomplete data. <i>Psychometrika</i> , 2002, 67, 609-623.	1.2	65
45	Two simple approximations to the distributions of quadratic forms. <i>British Journal of Mathematical and Statistical Psychology</i> , 2010, 63, 273-291.	1.0	65
46	Specificity-enhanced reliability coefficients.. <i>Psychological Methods</i> , 2017, 22, 527-540.	2.7	57
47	An EM algorithm for fitting two-level structural equation models. <i>Psychometrika</i> , 2004, 69, 101-122.	1.2	56
48	Improving parameter tests in covariance structure analysis. <i>Computational Statistics and Data Analysis</i> , 1997, 26, 177-198.	0.7	54
49	SEM with simplicity and accuracy. <i>Journal of Consumer Psychology</i> , 2010, 20, 215-220.	3.2	54
50	Statistical Inference Based on Pseudo-Maximum Likelihood Estimators in Elliptical Populations. <i>Journal of the American Statistical Association</i> , 1993, 88, 135-143.	1.8	48
51	Problems with EM algorithms for ML factor analysis. <i>Psychometrika</i> , 1983, 48, 247-251.	1.2	41
52	Normal theory likelihood ratio statistic for mean and covariance structure analysis under alternative hypotheses. <i>Journal of Multivariate Analysis</i> , 2007, 98, 1262-1282.	0.5	36
53	10 Structural Equation Modeling. <i>Handbook of Statistics</i> , 2006, , 297-358.	0.4	35
54	Generating Nonnormal Multivariate Data Using Copulas: Applications to SEM. <i>Multivariate Behavioral Research</i> , 2012, 47, 547-565.	1.8	35

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55	Mean and Covariance Structure Analysis: Theoretical and Practical Improvements. , 0, .		31
56	Evaluation of a New Mean Scaled and Moment Adjusted Test Statistic for SEM. Structural Equation Modeling, 2013, 20, 148-156.	2.4	30
57	Etiologies and Consequences of Adolescent Drug Use:. Journal of Addictive Diseases, 1992, 11, 47-61.	0.8	29
58	A statistical lower bound to population reliability.. Psychological Bulletin, 1978, 85, 1323-1326.	5.5	28
59	Eight test statistics for multilevel structural equation models. Computational Statistics and Data Analysis, 2003, 44, 89-107.	0.7	26
60	Behavior of Asymptotically Distribution Free Test Statistics in Covariance Versus Correlation Structure Analysis. Structural Equation Modeling, 2015, 22, 489-503.	2.4	25
61	Predictors of substance abuse treatment participation among homeless adults. Journal of Substance Abuse Treatment, 2014, 46, 374-381.	1.5	24
62	On asymptotic distributions of normal theory MLE in covariance structure analysis under some nonnormal distributions. Statistics and Probability Letters, 1999, 42, 107-113.	0.4	23
63	On Adding a Mean Structure to a Covariance Structure Model. Educational and Psychological Measurement, 2000, 60, 326-339.	1.2	23
64	Quantile Lower Bounds to Reliability Based on Locally Optimal Splits. Psychometrika, 2015, 80, 182-195.	1.2	23
65	Test of linear trend in eigenvalues of a covariance matrix with application to data analysis. British Journal of Mathematical and Statistical Psychology, 1996, 49, 299-312.	1.0	21
66	Tests for linear trend in the smallest eigenvalues of the correlation matrix. Psychometrika, 1998, 63, 131-144.	1.2	20
67	Asymptotic robustness of the normal theory likelihood ratio statistic for two-level covariance structure models. Journal of Multivariate Analysis, 2005, 94, 328-343.	0.5	20
68	Positive Definiteness via Off-diagonal Scaling of a Symmetric Indefinite Matrix. Psychometrika, 2011, 76, 119-123.	1.2	20
69	A Regularized GLS for Structural Equation Modeling. Structural Equation Modeling, 2017, 24, 657-665.	2.4	20
70	CONGRUENCE OF CHILDHOOD SEX ROLE IDENTITY AND BEHAVIOUR DISTURBANCES. Child: Care, Health and Development, 1979, 5, 267-283.	0.8	17
71	Asymptotic robustness of standard errors in multilevel structural equation models. Journal of Multivariate Analysis, 2006, 97, 1121-1141.	0.5	17
72	EQS Goes R: Simulations for SEM Using the Package REQS. Structural Equation Modeling, 2010, 17, 333-349.	2.4	17

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73	On the relations among regular, equal unique variances, and image factor analysis models. <i>Psychometrika</i> , 2000, 65, 59-72.	1.2	16
74	Structural Equation Modeling. , 2011, , 202-234.		16
75	A quasi-newton method for minimum trace factor analysis. <i>Journal of Statistical Computation and Simulation</i> , 1998, 62, 73-89.	0.7	15
76	Factor Analysis via Components Analysis. <i>Psychometrika</i> , 2011, 76, 461-470.	1.2	15
77	Improving the convergence rate and speed of Fisher-scoring algorithm: ridge and anti-ridge methods in structural equation modeling. <i>Annals of the Institute of Statistical Mathematics</i> , 2017, 69, 571-597.	0.5	15
78	A Note on Using and Unbiased Weight Matrix in the ADF Test Statistic. <i>Multivariate Behavioral Research</i> , 1995, 30, 453-459.	1.8	14
79	Covariance Structure Models for Maximal Reliability of Unit-Weighted Composites. , 2007, , 1-19.		14
80	A t-distribution plot to detect non-multinormality. <i>Computational Statistics and Data Analysis</i> , 1999, 30, 31-44.	0.7	13
81	The weight matrix in asymptotic distribution-free methods. <i>British Journal of Mathematical and Statistical Psychology</i> , 1985, 38, 190-196.	1.0	12
82	Quantified choice of root-mean-square errors of approximation for evaluation and power analysis of small differences between structural equation models.. <i>Psychological Methods</i> , 2011, 16, 116-126.	2.7	12
83	Optimal Conditionally Unbiased Equivariant Factor Score Estimators. <i>Lecture Notes in Statistics</i> , 1997, , 259-281.	0.1	12
84	Depression and poor health as antecedents and consequences of cocaine use. <i>Psychology and Health</i> , 1988, 2, 157-186.	1.2	11
85	On Added Information for ML Factor Analysis with Mean and Covariance Structures. <i>Journal of Educational and Behavioral Statistics</i> , 1999, 24, 1-20.	1.0	11
86	Smoking and Cancers: Case-Robust Analysis of a Classic Data Set. <i>Structural Equation Modeling</i> , 2009, 16, 382-390.	2.4	11
87	A Third Moment Adjusted Test Statistic for Small Sample Factor Analysis. <i>Multivariate Behavioral Research</i> , 2012, 47, 448-462.	1.8	11
88	CFA with binary variables in small samples: a comparison of two methods. <i>Frontiers in Psychology</i> , 2014, 5, 1515.	1.1	11
89	A statistical lower bound to population reliability. <i>Psychological Bulletin</i> , 1978, 85, 1323-6.	5.5	11
90	On the asymptotic distributions of two statistics for two-level covariance structure models within the class of elliptical distributions. <i>Psychometrika</i> , 2004, 69, 437-457.	1.2	10

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91	Application of H-likelihood to factor analysis models with binary response data. <i>Journal of Multivariate Analysis</i> , 2012, 106, 72-79.	0.5	10
92	Using Monte Carlo Normal Distributions to Evaluate Structural Models With Nonnormal Data. <i>Structural Equation Modeling</i> , 2018, 25, 541-557.	2.4	10
93	Efficient direct sampling MCEM algorithm for latent variable models with binary responses. <i>Computational Statistics and Data Analysis</i> , 2012, 56, 231-244.	0.7	9
94	Distributionally weighted least squares in structural equation modeling.. <i>Psychological Methods</i> , 2022, 27, 519-540.	2.7	9
95	Improving the efficiency and effectiveness of interactively selected MDS data designs. <i>Psychometrika</i> , 1979, 44, 115-119.	1.2	8
96	Number of Factors in Growth Curve Modeling. <i>Structural Equation Modeling</i> , 2018, 25, 961-964.	2.4	7
97	Negligible impact of differential item functioning between Black and White dialysis patients on the Kidney Disease Quality of Life 36-item short form survey (KDQOLTM-36). <i>Quality of Life Research</i> , 2018, 27, 2699-2707.	1.5	7
98	Application of optimal sign-vectors to reliability and cluster analysis. <i>Psychometrika</i> , 1979, 44, 337-341.	1.2	6
99	The asymptotic covariance matrix of maximum-likelihood estimates in factor analysis: the case of nearly singular matrix of estimates of unique variances. <i>Linear Algebra and Its Applications</i> , 2000, 321, 153-173.	0.4	6
100	Covariate-free and Covariate-dependent Reliability. <i>Psychometrika</i> , 2016, 81, 907-920.	1.2	6
101	Identifying Aberrant Data in Structural Equation Models With IRLS-ADF. <i>Structural Equation Modeling</i> , 2018, 25, 343-358.	2.4	6
102	13 Structural Equation Modeling. <i>Handbook of Statistics</i> , 2007, 27, 395-428.	0.4	5
103	A Unified Approach to Two-Level Structural Equation Models and Linear Mixed Effects Models. <i>Lecture Notes in Statistics</i> , 2008, , 95-119.	0.1	5
104	The Houdini Transformation: True, but Illusory. <i>Multivariate Behavioral Research</i> , 2012, 47, 442-447.	1.8	5
105	Limited information estimation in binary factor analysis: A review and extension. <i>Computational Statistics and Data Analysis</i> , 2013, 57, 392-403.	0.7	5
106	Alpha, FACTT, and Beyond. <i>Psychometrika</i> , 2021, 86, 861-868.	1.2	5
107	1 Covariance Structure Models for Maximal Reliability of Unit-Weighted Composites. <i>Handbook of Computing and Statistics With Applications</i> , 2007, , 1-19.	0.1	5
108	Finite Sample Distribution-Free Test Statistics for Nested Structural Models. <i>Behaviormetrika</i> , 1997, 24, 19-26.	0.9	4

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109	On the greatest lower bound to reliability. Psychometrika, 1985, 50, 245-246.	1.2	3
110	Maximum likelihood estimation in covariance structure analysis with truncated data. British Journal of Mathematical and Statistical Psychology, 1997, 50, 339-349.	1.0	3
111	Constrained Maximum Likelihood Estimation for Two-Level Mean and Covariance Structure Models. Educational and Psychological Measurement, 2011, 71, 325-345.	1.2	3
112	Causal Indicators Can Help to Interpret Factors. Measurement, 2016, 14, 98-100.	0.1	3
113	Distributionally-Weighted Least Squares in Growth Curve Modeling. Structural Equation Modeling, 2022, 29, 1-22.	2.4	3
114	Testing Mean and Covariance Structures with Reweighted Least Squares. Structural Equation Modeling, 0, , 1-8.	2.4	2
115	Some Recent Advances in Two-level Structural Equation Models: Estimation, Testing and Robustness. , 2005, , 99-120.		1
116	Contemporary Reporting Practices Regarding Covariance-Based SEM with a Lens on EQS. , 2012, , 166-192.		0
117	40-Year Old Unbiased Distribution Free Estimator Reliably Improves SEM Statistics for Nonnormal Data. Structural Equation Modeling, 0, , 1-16.	2.4	0