

Peter Bentler

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

119
papers

95,381
citations

47
h-index

123
g-index

123
ext. papers

107,643
ext. citations

3.8
avg, IF

8.68
L-index

#	Paper	IF	Citations
119	Cutoff criteria for fit indexes in covariance structure analysis: Conventional criteria versus new alternatives. <i>Structural Equation Modeling</i> , 1999 , 6, 1-55	3.7	51083
118	Comparative fit indexes in structural models. <i>Psychological Bulletin</i> , 1990 , 107, 238-46	19.1	16069
117	Significance tests and goodness of fit in the analysis of covariance structures.. <i>Psychological Bulletin</i> , 1980 , 88, 588-606	19.1	9350
116	Fit indices in covariance structure modeling: Sensitivity to underparameterized model misspecification.. <i>Psychological Methods</i> , 1998 , 3, 424-453	7.1	6248
115	A scaled difference chi-square test statistic for moment structure analysis. <i>Psychometrika</i> , 2001 , 66, 507-514	5.14	3603
114	Ensuring Positiveness of the Scaled Difference Chi-square Test Statistic. <i>Psychometrika</i> , 2010 , 75, 243-248	4.82	965
113	Can test statistics in covariance structure analysis be trusted?. <i>Psychological Bulletin</i> , 1992 , 112, 351-62	19.1	945
112	5. Three Likelihood-Based Methods for Mean and Covariance Structure Analysis with Nonnormal Missing Data. <i>Sociological Methodology</i> , 2000 , 30, 165-200	2.6	883
111	On tests and indices for evaluating structural models. <i>Personality and Individual Differences</i> , 2007 , 42, 825-829	3.3	499
110	Covariance structure analysis: statistical practice, theory, and directions. <i>Annual Review of Psychology</i> , 1996 , 47, 563-92	26.1	396
109	Linear structural equations with latent variables. <i>Psychometrika</i> , 1980 , 45, 289-308	2.2	369
108	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 (Pt 2), 347-57	2.8	368
107	Model Modification in Covariance Structure Modeling: A Comparison among Likelihood Ratio, Lagrange Multiplier, and Wald Tests. <i>Multivariate Behavioral Research</i> , 1990 , 25, 115-36	2.3	340
106	Some contributions to efficient statistics in structural models: Specification and estimation of moment structures. <i>Psychometrika</i> , 1983 , 48, 493-517	2.2	313
105	Alpha, Dimension-Free, and Model-Based Internal Consistency Reliability. <i>Psychometrika</i> , 2009 , 74, 137-143	14.3	253
104	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	3.1	163
103	Normal theory based test statistics in structural equation modelling. <i>British Journal of Mathematical and Statistical Psychology</i> , 1998 , 51 (Pt 2), 289-309	2.8	157

102	Structural equation models in medical research. <i>Statistical Methods in Medical Research</i> , 1992 , 1, 159-81	2.3	147
101	Mean and Covariance Structure Analysis: Theoretical and Practical Improvements. <i>Journal of the American Statistical Association</i> , 1997 , 92, 767-774	2.8	140
100	A two-stage estimation of structural equation models with continuous and polytomous variables. <i>British Journal of Mathematical and Statistical Psychology</i> , 1995 , 48 (Pt 2), 339-58	2.8	138
99	Structural Equation Modeling607		135
98	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	1.7	132
97	On the Equivalence of Factors and Components. <i>Multivariate Behavioral Research</i> , 1990 , 25, 67-74	2.3	115
96	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	3.7	109
95	Structural modeling and psychometrika: An historical perspective on growth and achievements. <i>Psychometrika</i> , 1986 , 51, 35-51	2.2	107
94	On Averaging Variables in a Confirmatory Factor Analysis Model. <i>Behaviormetrika</i> , 1997 , 24, 71-83	1.3	90
93	Robust mean and covariance structure analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 1998 , 51 (Pt 1), 63-88	2.8	80
92	Tests for stability in linear structural equation systems. <i>Psychometrika</i> , 1983 , 48, 143-145	2.2	79
91	Testing model nesting and equivalence. <i>Psychological Methods</i> , 2010 , 15, 111-23	7.1	75
90	On Components, Latent Variables, PLS and Simple Methods: Reactions to Rigdon's Rethinking of PLS. <i>Long Range Planning</i> , 2014 , 47, 138-145	5.7	72
89	Inequalities among lower bounds to reliability: With applications to test construction and factor analysis. <i>Psychometrika</i> , 1980 , 45, 249-267	2.2	69
88	Alpha-maximized factor analysis (alphamax): its relation to alpha and canonical factor analysis. <i>Psychometrika</i> , 1968 , 33, 335-45	2.2	65
87	Can scientifically useful hypotheses be tested with correlations?. <i>American Psychologist</i> , 2007 , 62, 769-82,5		64
86	ML versus MI for Missing Data with Violation of Distribution Conditions. <i>Sociological Methods and Research</i> , 2012 , 41, 598-629	2.9	63
85	Formative Constructs Implemented via Common Factors. <i>Structural Equation Modeling</i> , 2011 , 18, 1-17	3.7	62

84	On measures of explained variance in nonrecursive structural equation models. <i>Journal of Applied Psychology</i> , 2000 , 85, 125-31	7.4	61
83	Bootstrap-corrected ADF test statistics in covariance structure analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 1994 , 47 (Pt 1), 63-84	2.8	61
82	Semantic Space is (Approximately) Bipolar. <i>Journal of Psychology: Interdisciplinary and Applied</i> , 1969 , 71, 33-40	2.7	58
81	Effect of outliers on estimators and tests in covariance structure analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 2001 , 54, 161-75	2.8	57
80	Two simple approximations to the distributions of quadratic forms. <i>British Journal of Mathematical and Statistical Psychology</i> , 2010 , 63, 273-91	2.8	56
79	On the Likelihood Ratio Test for the Number of Factors in Exploratory Factor Analysis. <i>Structural Equation Modeling</i> , 2007 , 14, 505-526	3.7	55
78	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	7.4	54
77	Tests of homogeneity of means and covariance matrices for multivariate incomplete data. <i>Psychometrika</i> , 2002 , 67, 609-623	2.2	52
76	The Contribution of Family Relationships to Child-to-Parent Violence. <i>Journal of Family Violence</i> , 2016 , 31, 259-269	3	51
75	Improving parameter tests in covariance structure analysis. <i>Computational Statistics and Data Analysis</i> , 1997 , 26, 177-198	1.6	49
74	Specificity-enhanced reliability coefficients. <i>Psychological Methods</i> , 2017 , 22, 527-540	7.1	47
73	Structural Equation Modeling 2012 ,		47
72	A Two-Stage Approach to Missing Data: Theory and Application to Auxiliary Variables. <i>Structural Equation Modeling</i> , 2009 , 16, 477-497	3.7	47
71	An EM algorithm for fitting two-level structural equation models. <i>Psychometrika</i> , 2004 , 69, 101-122	2.2	47
70	Statistical Inference Based on Pseudo-Maximum Likelihood Estimators in Elliptical Populations. <i>Journal of the American Statistical Association</i> , 1993 , 88, 135-143	2.8	42
69	SEM with simplicity and accuracy. <i>Journal of Consumer Psychology</i> , 2010 , 20, 215-220	3.1	41
68	Ridge structural equation modelling with correlation matrices for ordinal and continuous data. <i>British Journal of Mathematical and Statistical Psychology</i> , 2011 , 64, 107-33	2.8	40
67	Problems with EM algorithms for ML factor analysis. <i>Psychometrika</i> , 1983 , 48, 247-251	2.2	35

66	Normal theory likelihood ratio statistic for mean and covariance structure analysis under alternative hypotheses. <i>Journal of Multivariate Analysis</i> , 2007 , 98, 1262-1282	1.4	34
65	Generating Nonnormal Multivariate Data Using Copulas: Applications to SEM. <i>Multivariate Behavioral Research</i> , 2012 , 47, 547-65	2.3	32
64	Mean and Covariance Structure Analysis: Theoretical and Practical Improvements		29
63	Etiologies and consequences of adolescent drug use: implications for prevention. <i>Journal of Addictive Diseases</i> , 1992 , 11, 47-61	1.7	24
62	A statistical lower bound to population reliability.. <i>Psychological Bulletin</i> , 1978 , 85, 1323-1326	19.1	23
61	Predictors of substance abuse treatment participation among homeless adults. <i>Journal of Substance Abuse Treatment</i> , 2014 , 46, 374-81	4.2	22
60	EVALUATION OF A NEW MEAN SCALED AND MOMENT ADJUSTED TEST STATISTIC FOR SEM. <i>Structural Equation Modeling</i> , 2013 , 20, 148-156	3.7	22
59	On asymptotic distributions of normal theory MLE in covariance structure analysis under some nonnormal distributions. <i>Statistics and Probability Letters</i> , 1999 , 42, 107-113	0.6	22
58	Behavior of Asymptotically Distribution Free Test Statistics in Covariance Versus Correlation Structure Analysis. <i>Structural Equation Modeling</i> , 2015 , 22, 489-503	3.7	21
57	Eight test statistics for multilevel structural equation models. <i>Computational Statistics and Data Analysis</i> , 2003 , 44, 89-107	1.6	21
56	Positive Definiteness via Off-Diagonal Scaling of a Symmetric Indefinite Matrix. <i>Psychometrika</i> , 2011 , 76, 119-123	2.2	18
55	10 Structural Equation Modeling. <i>Handbook of Statistics</i> , 2006 , 297-358	0.6	18
54	A Regularized GLS for Structural Equation Modeling. <i>Structural Equation Modeling</i> , 2017 , 24, 657-665	3.7	16
53	Asymptotic robustness of the normal theory likelihood ratio statistic for two-level covariance structure models. <i>Journal of Multivariate Analysis</i> , 2005 , 94, 328-343	1.4	16
52	On Adding a Mean Structure to a Covariance Structure Model. <i>Educational and Psychological Measurement</i> , 2000 , 60, 326-339	3.1	16
51	Test of linear trend in eigenvalues of a covariance matrix with application to data analysis. <i>British Journal of Mathematical and Statistical Psychology</i> , 1996 , 49 (Pt 2), 299-312	2.8	16
50	Quantile lower bounds to reliability based on locally optimal splits. <i>Psychometrika</i> , 2015 , 80, 182-95	2.2	15
49	EQS Goes R: Simulations for SEM Using the Package REQS. <i>Structural Equation Modeling</i> , 2010 , 17, 333-349	3.7	15

48	Congruence of childhood sex-role identity and behaviour disturbances. <i>Child: Care, Health and Development</i> , 1979 , 5, 267-83	2.8	15
47	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	1	14
46	Tests for linear trend in the smallest eigenvalues of the correlation matrix. <i>Psychometrika</i> , 1998 , 63, 131-144	1.4	14
45	A quasi-newton method for minimum trace factor analysis. <i>Journal of Statistical Computation and Simulation</i> , 1998 , 62, 73-89	0.9	14
44	Asymptotic robustness of standard errors in multilevel structural equation models. <i>Journal of Multivariate Analysis</i> , 2006 , 97, 1121-1141	1.4	13
43	On the relations among regular, equal unique variances, and image factor analysis models. <i>Psychometrika</i> , 2000 , 65, 59-72	2.2	13
42	On Added Information for ML Factor Analysis with Mean and Covariance Structures. <i>Journal of Educational and Behavioral Statistics</i> , 1999 , 24, 1-20	1.7	11
41	A Note on Using and Unbiased Weight Matrix in the ADF Test Statistic. <i>Multivariate Behavioral Research</i> , 1995 , 30, 453-9	2.3	11
40	A t-distribution plot to detect non-multinormality. <i>Computational Statistics and Data Analysis</i> , 1999 , 30, 31-44	1.6	10
39	Optimal Conditionally Unbiased Equivariant Factor Score Estimators. <i>Lecture Notes in Statistics</i> , 1997 , 259-281	2.9	10
38	A Third Moment Adjusted Test Statistic for Small Sample Factor Analysis. <i>Multivariate Behavioral Research</i> , 2012 , 47, 448-462	2.3	9
37	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, 116-26	7.1	9
36	Factor Analysis via Components Analysis. <i>Psychometrika</i> , 2011 , 76, 461-470	2.2	9
35	Depression and poor health as antecedents and consequences of cocaine use. <i>Psychology and Health</i> , 1988 , 2, 157-186	2.9	9
34	Using Monte Carlo Normal Distributions to Evaluate Structural Models With Nonnormal Data. <i>Structural Equation Modeling</i> , 2018 , 25, 541-557	3.7	8
33	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	2.2	8
32	The weight matrix in asymptotic distribution-free methods. <i>British Journal of Mathematical and Statistical Psychology</i> , 1985 , 38, 190-196	2.8	8
31	Improving the efficiency and effectiveness of interactively selected MDS data designs. <i>Psychometrika</i> , 1979 , 44, 115-119	2.2	8

30	A statistical lower bound to population reliability. <i>Psychological Bulletin</i> , 1978 , 85, 1323-6	19.1	8
29	CFA with binary variables in small samples: a comparison of two methods. <i>Frontiers in Psychology</i> , 2014 , 5, 1515	3.4	7
28	Efficient direct sampling MCEM algorithm for latent variable models with binary responses. <i>Computational Statistics and Data Analysis</i> , 2012 , 56, 231-244	1.6	7
27	Smoking and Cancers: Case-robust Analysis of a Classic Data Set. <i>Structural Equation Modeling</i> , 2009 , 16, 382-390	3.7	7
26	Covariance Structure Models for Maximal Reliability of Unit-Weighted Composites 2007 , 1-19		6
25	Application of optimal sign-vectors to reliability and cluster analysis. <i>Psychometrika</i> , 1979 , 44, 337-341	2.2	6
24	Negligible impact of differential item functioning between Black and White dialysis patients on the Kidney Disease Quality of Life 36-item short form survey (KDQOL-36). <i>Quality of Life Research</i> , 2018 , 27, 2699-2707	3.7	6
23	Number of Factors in Growth Curve Modeling. <i>Structural Equation Modeling</i> , 2018 , 25, 961-964	3.7	5
22	Application of H-likelihood to factor analysis models with binary response data. <i>Journal of Multivariate Analysis</i> , 2012 , 106, 72-79	1.4	5
21	Structural Equation Modeling 2011 , 202-234		5
20	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	0.9	5
19	Identifying Aberrant Data in Structural Equation Models With IRLS-ADF. <i>Structural Equation Modeling</i> , 2018 , 25, 343-358	3.7	4
18	Covariate-free and Covariate-dependent Reliability. <i>Psychometrika</i> , 2016 , 81, 907-920	2.2	4
17	Limited Information Estimation in Binary Factor Analysis: A Review and Extension. <i>Computational Statistics and Data Analysis</i> , 2013 , 57, 392-403	1.6	4
16	The Houdini Transformation: True, but Illusory. <i>Multivariate Behavioral Research</i> , 2012 , 47, 442-447	2.3	4
15	Alpha, FACTT, and Beyond. <i>Psychometrika</i> , 2021 , 86, 861-868	2.2	4
14	Constrained Maximum Likelihood Estimation for Two-level Mean and Covariance Structure Models. <i>Educational and Psychological Measurement</i> , 2011 , 71, 325-345	3.1	3
13	Maximum likelihood estimation in covariance structure analysis with truncated data. <i>British Journal of Mathematical and Statistical Psychology</i> , 1997 , 50 (Pt 2), 339-49	2.8	3

12	1 Covariance Structure Models for Maximal Reliability of Unit-Weighted Composites. <i>Handbook of Computing and Statistics With Applications</i> , 2007 , 1-19		3
11	Causal Indicators Can Help to Interpret Factors. <i>Measurement</i> , 2016 , 14, 98-100	1.3	3
10	A Unified Approach to Two-Level Structural Equation Models and Linear Mixed Effects Models. <i>Lecture Notes in Statistics</i> , 2008 , 95-119	2.9	2
9	13 Structural Equation Modeling. <i>Handbook of Statistics</i> , 2007 , 27, 395-428	0.6	2
8	Testing Mean and Covariance Structures with Reweighted Least Squares. <i>Structural Equation Modeling</i> , 1-8	3.7	2
7	Distributionally weighted least squares in structural equation modeling. <i>Psychological Methods</i> , 2021 ,	7.1	2
6	Distributionally-Weighted Least Squares in Growth Curve Modeling. <i>Structural Equation Modeling</i> , 1-22	3.7	2
5	Finite Sample Distribution-Free Test Statistics for Nested Structural Models. <i>Behaviormetrika</i> , 1997 , 24, 19-26	1.3	1
4	On the greatest lower bound to reliability. <i>Psychometrika</i> , 1985 , 50, 245-246	2.2	1
3	Some Recent Advances in Two-level Structural Equation Models: Estimation, Testing and Robustness 2005 , 99-120		
2	Contemporary Reporting Practices Regarding Covariance-Based SEM with a Lens on EQS 2012 , 166-192		
1	40-Year Old Unbiased Distribution Free Estimator Reliably Improves SEM Statistics for Nonnormal Data. <i>Structural Equation Modeling</i> , 1-16	3.7	