

Psychometrika

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ANNOUNCEMENTS

NEW SECTION OF PSYCHOMETRIKA

Psychometrika is now accepting submissions for a new section called *Application Reviews and Case Studies*, which will begin appearing in late 2003 or early 2004. The aim of the new section is to highlight the essential connection between psychometric methodology and its application to behavioral data analysis in psychology, educational sciences, and related areas in the social sciences and marketing. Traditional *Psychometrika* articles, including original research in quantitative methodology as well as insightful methodological reviews, will continue to appear in the main section of the journal, now called *Theory and Methods*.

Application Reviews and Case Studies is intended to be an intellectual crossroads: The history of psychometrics is rich with examples in which psychometric methodology has inspired substantive theory and research protocols, substantive research has inspired new psychometric theory and methodology, or psychometrics and substantive work have evolved together. In *Application Reviews and Case Studies* we hope to provide fertile ground for this synergy between psychometrics and its applications in psychology, educational sciences, and related fields.

CONTENT

Application Reviews and Case Studies welcomes manuscripts of two kinds: application reviews, and case studies. Both kinds of manuscript must meet the high standards of technical quality that *Psychometrika* continues to uphold. At the same time, they must be accessible to the rather diverse audience of researchers and educators who are interested in quantitative methods for behavioral data analysis.

- *Application Reviews* address broad modeling and data analysis approaches that are applicable in one or more domains in psychology, educational sciences, and related fields, and may be of either of two types: Integrative reviews draw together disparate methodologies that are useful in a particular domain or domains, or they identify modeling and analysis challenges common to several domains and show that a single family of methodologies addresses these challenges across all of these domains. By both identifying and unifying key contributions, these reviews define a platform for future research directions. Comparative or evaluative reviews discuss methodology as it is applied in specific domains, identifying advantages and disadvantages of the methodology for description and inference focusing on important substantive questions within those domains. Aside from providing a synthesis that highlights the strength and limitations of different techniques, these reviews should define benchmarks for future application papers.
- *Case Studies* address applications of quantitative modeling or data analysis to empirical studies in psychology, educational sciences, and related fields. Data analysis problems of all sizes will be considered, from large or highly multidimensional data sets that challenge traditional statistical methods within psychometrics, to small data sets that challenge excessive reliance on psychometric modeling assumptions. A central criterion for publication is that the methodology deepens understanding of the substantive phenomenon through more informative analysis, and/or more elegant description, of the data in question, possibly through a combination of analysis methods. The case studies should be illustrative of an approach that goes beyond evident applications of well-known methods, and ideally, the approach should be placed in the context of a broader range of application than the case study at hand.

Occasionally, the editors may also publish articles from domains outside of psychology, educational sciences, and related social science fields, if they are clearly related to, or are clearly inspiring for, research within these fields.

SUBMISSION AND EDITORIAL REVIEW

Authors may request, in a cover letter, that their manuscript be considered for *Theory and Methods* or *Application Reviews and Case Studies*. The editors may recommend a different section, after considering the manuscript. The remainder of the review process for the two sections is the same as for traditional *Psychometrika* manuscripts.

Paul De Boeck, *Section Editor, Application Reviews and Case Studies*
Brian W. Junker, *Executive Editor & Section Editor, Theory and Methods*

CALL FOR PAPERS

2004 ANNUAL MEETING OF THE PSYCHOMETRIC SOCIETY

JUNE 14–17, 2004

PACIFIC GROVE (MONTEREY), CALIFORNIA

The 2004 Annual Meeting of the Psychometric Society will be held in Pacific Grove, California, at the Asilomar Conference Center. Persons wishing to present talks or to organize symposia should send titles and abstracts of no more than 200 words. Submissions will be accepted on the Psychometric Society website at <http://www.psychometricsociety.org>. An online submission form will be provided, followed by an e-mail link for sending the abstract as a Microsoft Word or WordPerfect file to the Psychometric Society central office. References should not be included with abstracts.

Submissions must include the following information for each author: name, institutional affiliation, mailing address, and e-mail address.

Persons organizing symposia are requested to start as soon as possible and to keep the Program Chair informed about the progress. For papers with multiple authors, please indicate who will present the talk.

Each person is permitted to present at most one contributed paper. This restriction does not prevent an invited speaker or a symposium speaker from also presenting one contributed paper, nor does it limit the number of papers on which one can be listed as a co-author.

The on-line submission form will prompt you to classify your talk into one of the following areas: (AAP) Applications, (BSI) Bayesian Statistical Inference, (CDA) Categorical Data Analysis, (CTT) Classical Test Theory, (CCC) Classification/Clustering/Correspondence Analysis, (EDA) Exploratory Data Analysis, (FAC) Factor Analysis, (GRM) Graphical Models, (IRT) Item Response Theory, (GLM) Generalized Linear Models, (LDA) Longitudinal Data Analysis, (MDS) Multidimensional Scaling, (MVA) Multivariate Analysis, (ODS) Optimal/Dual Scaling, (SEM) Structural Equation Modeling, (VCA) Variance Components Analysis, (OTR) Others (please specify).

The time for a contributed paper is 20 minutes for presentation and 5 minutes for discussion.

The deadline for abstract submission is March 1, 2004. You will be notified by March 31st whether your presentation is accepted.

Questions about:

Abstract Submissions	Gwen Eastmond	pmetrika@uncg.edu
Meeting Program	Bob Cudeck	cudeck@umn.edu
Local Arrangements	Hillary Michaels	hillary_michaels@ctb.com
Other	Rich Patz	rpatz@mindspring.com

More details about the meeting will be posted on the Society's website: <http://www.psychometricsociety.org>

CONFERENCE ANNOUNCEMENT

FACTOR ANALYSIS AT 100: HISTORICAL DEVELOPMENTS AND FUTURE DIRECTIONS

The L. L. Thurstone Psychometric Laboratory at the University of North Carolina will host a conference May 13–15, 2004, commemorating the 100th anniversary of the publication of Charles Spearman's seminal article, "General Intelligence: Objectively Determined and Measured" (*American Journal of Psychology*). This article gave rise to the theory and methodology of factor analysis. The conference will be structured around addresses by approximately 15 invited speakers on both retrospective examinations of issues and developments in the field, as well as current problems and future directions. Attendance at the conference is open to interested researchers and students. Information about speakers, schedule, registration, sponsors, and other relevant matters can be found at the conference website at <http://www.fa100.info/>.

SMABS 2004: CALL FOR PAPERS

THE 24TH BIENNIAL CONFERENCE

SOCIETY FOR THE MULTIVARIATE ANALYSIS IN THE BEHAVIORAL SCIENCES

FRIEDRICH-SCHILLER-UNIVERSITY JENA, GERMANY ON JULY 18–21, 2004

The 24th Biennial Conference of the Society for Multivariate Analysis in the Behavioral Sciences (SMABS) will take place at the Friedrich-Schiller-University Jena, Germany on July 18–21, 2004 (two pre- and post-conference workshops will be held on July 17 and 22, respectively).

The objective of this conference is to present recent developments and stimulate discussion amongst researchers in the field of quantitative methodology for the social and behavioral as well as educational and econometric sciences.

You are invited to present papers on both theoretical developments and applications. The scientific program will include invited lectures, individual paper presentations, poster sessions and software presentations, as well as social activities.

Subjects of former SMABS meetings have been: Categorical Data, Causality, Classification and Clustering, Classical Test Theory, Data Collection, Data Management, Educational Assessment, Factor Analysis, Graphical Modeling, Item Response Theory, Latent Class Analysis, Log-Linear Models, Longitudinal and Panel Data, Marketing Research, Measurement Theory, Missing Data, Mixture Models, Multilevel Analysis, Neural Networks, Qualitative Data, Social Network Analysis, Statistical Methods, Structural Equation Modeling, Survey Data. These subjects serve as an orientation only. Other subjects fitting the overall concept of the conference are most welcome.

The following speakers have been invited for keynote lectures: Peter Bentler, Michael Eid, Karl Jöreskog, Robert Mislevy, José Muñoz, Donald Rubin, and Tamás Rudás. Symposia will be organized and held by Linda Collins, Siegfried Gabler, Manuel Ato García, John Graham, Joop Hox, Theodore Walls, and Mark Wilson.

Registration can be done online at <http://www.smabs.org>. Please also visit the website to obtain further information about the scientific and social program, submit your abstract(s), subscribe/unsubscribe for the SMABS 2004 newsletter, learn about the city and the University of Jena, etc.

MANUSCRIPTS RECENTLY ACCEPTED FOR PUBLICATION

Listed in the order they were received by the Managing Editor

Tucker2 Hierarchical Classes Analysis

Eva Ceulemans and Iven Van Mechelen

On the Asymptotic Distributions of Two Statistics for Two-level Covariance Structure Models
within the Class of Elliptical Distributions

Ke-Hai Yuan and Peter M. Bentler

Higher-Order Latent Trait Models for Cognitive Diagnosis

Jimmy de la Torre and Jeffrey A. Douglas

Derivative Free Gradient Projection Algorithms for Rotation

Robert I. Jennrich

Local vs. Global Covert Visual Attention: Are Two States Necessary?

Erik D. Reichle and Jessica R Nelson

A Conjunctive Parallelogram Model for Pick any/*n* Data

Iwin Leenen and Iven Van Mechelen

The Regression Trunk Approach to Discover Treatment Covariate Interaction

Elise Dusseldorp and Jacqueline J. Meulman

Correction: In the March 2003 published list of accepted manuscripts
the second author was inadvertently omitted from the following listing:

On Local Influence Analysis of Full Information Item Factor Models

Sik-Yum Lee and Liang Xu