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L. Andries van der Ark • Daniel M. Bolt
Wen-Chung Wang • Jeffrey A. Douglas
Sy-Miin Chow
Editors

Quantitative Psychology Research

The 79th Annual Meeting of the Psychometric
Society, Madison, Wisconsin, 2014

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Preface

This volume is a collection of presentations given at the 79th annual International Meeting of the Psychometric Society (IMPS) held at the University of Wisconsin-Madison, in Madison, Wisconsin during July 21–25, 2014. The meeting attracted 380 participants from 26 countries, with 242 papers being presented, along with 56 poster presentations, 5 pre-conference workshops, 5 keynote presentations, 4 invited speaker presentations, 4 state-of-the-art lectures, and 8 invited symposia. We thank the University of Wisconsin-Extension staff, as well as the faculty and students from the Department of Educational Psychology at the University of Wisconsin, Madison for hosting this very successful conference.

This volume continues a tradition started after the 77th meeting in Lincoln, Nebraska, of publishing a proceedings volume from the conference so as to allow presenters to quickly disseminate their ideas to the broader research community, while still undergoing a thorough review process. The 78th meeting in Arnhem was also followed by a proceedings. With the third proceedings, we now have a series that is expected to be continued next year with submissions from the 80th IMPS meeting in Beijing, China.

We asked the authors to use their presentations at the meeting as the basis of their chapters, possibly extended with new ideas or additional information. The result is a selection of 26 state-of-the-art chapters addressing a diverse set of topics, including item response theory, factor analysis, structural equation modelling, time series analysis, mediation analysis, propensity score methods, cognitive diagnostic models, and multi-level models, among others.

The proceedings of the 77th and 78th meeting were initiated by Roger E. Millsap, the editor of *Psychometrika*. Just before finalizing the proceedings of the 78th meeting, on May 9, 2014, Roger suddenly passed away. This volume is the first proceedings not initiated by Roger. We dedicate it to him.

Amsterdam, The Netherlands
Madison, WI, USA
Hong Kong, Hong Kong SAR
Urbana-Champaign, IL, USA
University Park, PA, USA

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