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Using R -- Chapter 11: Predictive Validity Under Partial Observability -- Chapter 12: Multiple-Group Propensity Score Inverse Weights Trimming And Its Impact On Covariate Balance And On Bias In Treatment Effect Estimation -- Chapter 13: Procrustes Penalty Function For Matching Matrices To Targets With Its Applications -- Chapter 14: Factor Score Estimation From The Perspective Of Item Response Theory -- Chapter 15: On The Precision Matrix In The Semi-High Dimensional Settings -- Chapter 16: The Performance Of The Modified Continuous A-Stratification Indices In Computerized Adaptive Testing -- Chapter 17: Constant CSEM Achieved Through Scale Transformation And Adaptive Testing -- Chapter 18: Synergized Bootstrapping: The Whole Is Faster Than The Sum Of Its Parts -- Chapter 19: Synchronized Time Profile With Applications To Nearest Neighbor Classification -- Chapter 20: Topic Modeling Of Constructed-Response Answers On Social Study Assessments -- Chapter 21: Impact Of Measurement Bias On Diagnostic Clinical Measures -- Chapter 22: Reliability And Structure Validity Of A Teacher Pedagogical Competencies Scale: A Case Study From Chile -- Chapter 23: Psychoperiscope -- Chapter 24: Modeling Household Food Insecurity With A Polytomous Rasch Model -- Chapter 25: Classical Perspectives Of Controlling Acquiescence With Balanced Scales -- Chapter 26: Testing Heterogeneity In Inter-Rater Reliability -- Chapter 27: An Application Of Regularized Extended Redundancy Analysis Via Generalized Redundancy Analysis Via Generalized Estimating Equations To The Study Of Co-Occurring Substance Use Among US Adults -- Chapter 28: Permutation Test Of Regression Coefficients In Social Network Data Analysis -- Index.

Sommario/riassunto	This proceedings volume highlights the latest research and developments in psychometrics and statistics. It represents selected and peer reviewed presentations given at the 84th Annual International Meeting of the Psychometric Society (IMPS), organized by Pontificia Universidad Católica de Chile and held in Santiago, Chile during July 15th to 19th, 2019. The IMPS is one of the largest international meetings on quantitative measurement in education, psychology and the social sciences. It draws approximately 500 participants from around the world, featuring paper and poster presentations, symposiums, workshops, keynotes, and invited presentations. Leading experts and promising young researchers have written the included chapters. The chapters address a large variety of topics including but not limited to item response theory, multistage adaptive testing, and cognitive diagnostic models. This volume is the 8th in a series of recent volumes to cover research presented at the IMPS.