

Contents

<i>List of Figures</i>	x
<i>List of Tables</i>	xi
<i>Preface</i>	xiii
<i>Acknowledgements</i>	xvi
1 Analysis of Variance: Between-Groups Designs	1
ALAN J. KLOCKARS	
2 Analysis of Variance: Repeated Measures Designs	15
LISA M. LIX AND H. J. KESELMAN	
3 Canonical Correlation Analysis	29
XITAO FAN AND TIMOTHY R. KONOLD	
4 Cluster Analysis	41
DENA A. PASTOR	
5 Correlation and Other Measures of Association	55
JASON W. OSBORNE	
6 Discriminant Analysis	71
CARL J HUBERTY	
7 Effect Sizes and Confidence Intervals	79
GEOFF CUMMING AND FIONA FIDLER	
8 Factor Analysis: Exploratory and Confirmatory	93
DEBORAH L. BANDALOS AND SARA J. FINNEY	
9 Generalizability Theory	115
AMY HENDRICKSON AND PING YIN	
10 Hierarchical Linear Modeling	123
D. BETSY MCCOACH	
11 Interrater Reliability and Agreement	141
WILLIAM T. HOYT	
12 Item Response Theory	155
R. J. DE AYALA	

13	Latent Class Analysis KAREN M. SAMUELSEN AND C. MITCHELL DAYTON	173
14	Latent Growth Curve Models KRISTOPHER J. PREACHER	185
15	Latent Transition Analysis DAVID RINDSKOPF	199
16	Latent Variable Mixture Models GITTA LUBKE	209
17	Logistic Regression ANN A. O'CONNELL AND K. RIVET AMICO	221
18	Log-Linear Analysis RONALD C. SERLIN AND MICHAEL A. SEAMAN	241
19	Meta-Analysis S. NATASHA BERETVAS	255
20	Multidimensional Scaling MARK L. DAVISON, CODY S. DING, AND SE-KANG KIM	265
21	Multiple Regression KEN KELLEY AND SCOTT E. MAXWELL	281
22	Multitrait-Multimethod Analysis KEITH F. WIDAMAN	299
23	Multivariate Analysis of Variance STEPHEN OLEJNIK	315
24	Power Analysis KEVIN R. MURPHY	329
25	Reliability and Validity of Instruments THOMAS R. KNAPP AND RALPH O. MUELLER	337
26	Research Design SHARON ANDERSON DANNELS	343
27	Single Subject Design and Analysis ANDREW L. EGEL AND CHRISTINE H. BARTHOLD	357
28	Structural Equation Modeling RALPH O. MUELLER AND GREGORY R. HANCOCK	371

29	Structural Equation Modeling: Multisample Covariance and Mean Structures RICHARD G. LOMAX	385
30	Survey Sampling, Administration, and Analysis LAURA M. STAPLETON	397
31	Survival Analysis PAUL D. ALLISON	413
	<i>List of Contributors</i>	425