
Contents

Preface	vii
Notes on Contributors	ix
1 Introduction: Common Threads among Techniques of Data Analysis <i>Melissa Hardy and Alan Bryman</i>	1
Part I Foundations	15
2 Constructing Variables <i>Alan Bryman and Duncan Cramer</i>	17
3 Summarizing Distributions <i>Melissa Hardy</i>	35
4 Inference <i>Lawrence Hazelrigg</i>	65
5 Strategies for Analysis of Incomplete Data <i>Mortaza Jamshidian</i>	113
6 Feminist Issues in Data Analysis <i>Mary Maynard</i>	131
7 Historical Analysis <i>Dennis Smith</i>	147
Part II The General Linear Model and Extensions	163
8 Multiple Regression Analysis <i>Ross M. Stolzenberg</i>	165
9 Incorporating Categorical Information into Regression Models: The Utility of Dummy Variables <i>Melissa Hardy and John Reynolds</i>	209
10 Analyzing Contingent Effects in Regression Models <i>James Jaccard and Tonya Dodge</i>	237
11 Regression Models for Categorical Outcomes <i>J. Scott Long and Simon Cheng</i>	259
12 Log-Linear Analysis <i>Douglas L. Anderton and Eric Cheney</i>	285
Part III Longitudinal Models	307
13 Modeling Change <i>Nancy Brandon Tuma</i>	309

14	Analyzing Panel Data: Fixed- and Random-Effects Models <i>Trond Petersen</i>	331
15	Longitudinal Analysis for Continuous Outcomes: Random Effects Models and Latent Trajectory Models <i>Guang Guo and John Hipp</i>	347
16	Event History Analysis <i>Paul Allison</i>	369
17	Sequence Analysis and Optimal Matching Techniques for Social Science Data <i>Heather MacIndoe and Andrew Abbott</i>	387
Part IV New Developments in Modeling		407
18	Sample Selection Bias Models <i>Vincent Kang Fu, Christopher Winship and Robert D. Mare</i>	409
19	Structural Equation Modeling <i>Jodie B. Ullman and Peter M. Bentler</i>	431
20	Multilevel Modelling <i>William Browne and Jon Rasbash</i>	459
21	Causal Inference in Sociological Studies <i>Christopher Winship and Michael Sobel</i>	481
22	The Analysis of Social Networks <i>Ronald L. Breiger</i>	505
Part V Analyzing Qualitative Data		527
23	Tools for Qualitative Data Analysis <i>Raymond M. Lee and Nigel G. Fielding</i>	529
24	Content Analysis <i>Roberto P. Franzosi</i>	547
25	Semiotics and Data Analysis <i>Peter K. Manning</i>	567
26	Conversation Analysis <i>Steven E. Clayman and Virginia Teas Gill</i>	589
27	Discourse Analysis <i>Jonathan Potter</i>	607
28	Grounded Theory <i>Nick Pidgeon and Karen Henwood</i>	625
29	The Uses of Narrative in Social Science Research <i>Barbara Czarniawska</i>	649
30	Qualitative Research and the Postmodern Turn <i>Sara Delamont and Paul Atkinson</i>	667
Appendix. Areas of the Standard Normal Distribution		683
Index		685