

BRIEF CONTENTS

Preface	xv
Acknowledgments	xxi
About the Author	xxiii

SECTION I • SPSS COMMANDS AND ASSIGNMENT OF LEVELS OF MEASUREMENT

Chapter 1	• First Encounters	2
Chapter 2	• Navigating in SPSS	10
Chapter 3	• Getting Data In and Out of SPSS	18
Chapter 4	• Levels of Measurement	27
Chapter 5	• Entering Variables and Data and Validating Data	39
Chapter 6	• Working With Data and Variables	53
Chapter 7	• Printing Data View, Variable View, and Output Viewer Screens	67
Chapter 8	• Using the SPSS Help Menu	76

SECTION II • DESCRIPTIVE STATISTICS AND GRAPHING

Chapter 9	• Descriptive Statistics	88
Chapter 10	• Creating Graphs for Nominal and/or Ordinal Data	104
Chapter 11	• Creating Graphs for Continuous Data	125

SECTION III • BASIC INFERENTIAL STATISTICS

Chapter 12	• Inferential Statistics	138
Chapter 13	• One-Sample t Test and a Binomial Test of Equality	153
Chapter 14	• Independent-Samples t Test and the Mann-Whitney U Test	165

Chapter 15	• Paired-Samples <i>t</i> Test and the Wilcoxon Test	176
Chapter 16	• One-Way ANOVA and Kruskal-Wallis Test	188
Chapter 17	• One-Way ANOVA Repeated Measures Test and Friedman Test	203
Chapter 18	• Two-Way ANOVA (Factorial)	218
Chapter 19	• Analysis of Covariance (ANCOVA)	234
Chapter 20	• Chi-Square Goodness of Fit	251
Chapter 21	• Chi-Square Test of Independence	262

SECTION IV • RELATIONAL STATISTICS— PREDICTION, DESCRIBING, AND EXPLORING MULTI-VARIABLE RELATIONSHIPS

Chapter 22	• Pearson's and Spearman's Correlation Coefficients	276
Chapter 23	• Simple Linear Regression	290
Chapter 24	• Multiple Linear Regression	311
Chapter 25	• Logistic Regression	330
Chapter 26	• Factor Analysis	347
Appendix A. Class Survey Dataset (Entered in Chapter 5)		359
Appendix B. Normal Curve Interpretation		362
Appendix C. Answers to Review Exercises 1, 2, and 3		372
Appendix D. Datasets Listed by Chapter		472
Index		477