

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
| <b>CHAPTER 1: INTRODUCING SPSS .....</b>                                          | <b>1-1</b> |
| 1.1 INTRODUCTION.....                                                             | 1-1        |
| 1.2 BASIC STEPS OF DATA ANALYSIS .....                                            | 1-1        |
| 1.3 STARTING SPSS .....                                                           | 1-3        |
| 1.4 OPENING A DATA FILE .....                                                     | 1-5        |
| 1.5 SPSS MAIN MENU AND TOOLBAR .....                                              | 1-7        |
| 1.6 RUNNING AN ANALYSIS .....                                                     | 1-10       |
| 1.7 VIEWING RESULTS .....                                                         | 1-15       |
| 1.8 EXITING SPSS.....                                                             | 1-17       |
| <b>CHAPTER 2: USING SPSS HELP SYSTEM .....</b>                                    | <b>2-1</b> |
| 2.1 INTRODUCTION.....                                                             | 2-1        |
| 2.2 STANDARD HELP.....                                                            | 2-1        |
| 2.3 DIALOG BOX HELP.....                                                          | 2-3        |
| 2.4 RIGHT-MOUSE CONTEXT HELP .....                                                | 2-4        |
| 2.5 STATISTICS COACH .....                                                        | 2-5        |
| 2.6 CASE STUDIES.....                                                             | 2-10       |
| <b>CHAPTER 3: READING DATA .....</b>                                              | <b>3-1</b> |
| 3.1 INTRODUCTION.....                                                             | 3-1        |
| 3.2 BASIC STRUCTURE OF AN SPSS DATA FILE .....                                    | 3-1        |
| 3.3 READING AN SPSS DATA FILE.....                                                | 3-2        |
| 3.4 READING DATA FROM SPREADSHEETS .....                                          | 3-4        |
| 3.5 READING DATA FROM A DATABASE.....                                             | 3-7        |
| 3.6 READING DATA FROM A TEXT FILE.....                                            | 3-14       |
| 3.7 SAVING DATA .....                                                             | 3-23       |
| 3.8 APPENDIX: READING FIXED-COLUMN TEXT DATA .....                                | 3-26       |
| SUMMARY EXERCISES .....                                                           | 3-40       |
| <b>CHAPTER 4: USING THE DATA EDITOR AND DEFINING<br/>VARIABLE PROPERTIES.....</b> | <b>4-1</b> |
| 4.1 DATA EDITOR VIEWS .....                                                       | 4-1        |
| 4.2 VARIABLE VIEW: DEFINING VARIABLE PROPERTIES.....                              | 4-2        |
| 4.3 ENTERING DATA IN THE DATA VIEW .....                                          | 4-17       |
| 4.4 DEFINE VARIABLE PROPERTIES DIALOG BOX .....                                   | 4-21       |
| 4.5 VIEWING VARIABLE PROPERTIES .....                                             | 4-26       |
| 4.6 SAVING THE DATA AND EXITING SPSS.....                                         | 4-28       |
| SUMMARY EXERCISES .....                                                           | 4-30       |
| <b>CHAPTER 5: WORKING WITH MULTIPLE DATA SOURCES....</b>                          | <b>5-1</b> |
| 5.1 INTRODUCTION.....                                                             | 5-1        |
| 5.2 BASIC HANDLING OF MULTIPLE DATA EDITOR WINDOWS .....                          | 5-1        |
| 5.3 COPYING AND PASTING INFORMATION BETWEEN DATASETS .....                        | 5-5        |

|                                                                            |             |
|----------------------------------------------------------------------------|-------------|
| 5.4 COPYING DATA PROPERTIES FEATURE .....                                  | 5-10        |
| 5.5 CHANGE OPTION SETTING TO SINGLE DATASET .....                          | 5-17        |
| 5.6 EXITING SPSS WITH MULTIPLE DATA EDITOR WINDOWS .....                   | 5-18        |
| SUMMARY EXERCISES .....                                                    | 5-20        |
| <b>CHAPTER 6: SUMMARIZING INDIVIDUAL VARIABLES .....</b>                   | <b>6-1</b>  |
| 6.1 OBJECTIVES OF DESCRIPTIVE STATISTICS .....                             | 6-1         |
| 6.2 LEVELS OF MEASUREMENT .....                                            | 6-1         |
| 6.3 SUMMARIZING NOMINAL VARIABLES .....                                    | 6-4         |
| 6.4 SUMMARIZING ORDINAL VARIABLES .....                                    | 6-7         |
| 6.5 SUMMARIZING SCALE VARIABLES .....                                      | 6-10        |
| 6.6 ASSESSING DEGREE OF MISSING DATA WITH THE DESCRIPTIVES PROCEDURE ..... | 6-13        |
| REFERENCE: MEASURES OF CENTRAL TENDENCY AND DISPERSION .....               | 6-16        |
| SUMMARY EXERCISES .....                                                    | 6-19        |
| <b>CHAPTER 7: MODIFYING DATA VALUES.....</b>                               | <b>7-1</b>  |
| 7.1 INTRODUCTION.....                                                      | 7-1         |
| 7.2 CREATING A CATEGORY VARIABLE FROM A SCALE VARIABLE.....                | 7-2         |
| 7.3 RECODING CATEGORY VALUES .....                                         | 7-7         |
| 7.4 COMPUTING NEW VARIABLES.....                                           | 7-13        |
| 7.5 COMPUTING VARIABLES WITH MISSING VALUES.....                           | 7-15        |
| 7.6 SAVING THE UPDATED DATA .....                                          | 7-21        |
| SUMMARY EXERCISES .....                                                    | 7-23        |
| <b>CHAPTER 8: DESCRIBING MULTIPLE VARIABLE<br/>RELATIONSHIPS.....</b>      | <b>8-1</b>  |
| 8.1 OBJECTIVES AND APPLICATIONS .....                                      | 8-1         |
| 8.2 CROSSTABULATION TABLES .....                                           | 8-1         |
| COUNTS VS. PERCENTAGES.....                                                | 8-3         |
| 8.3 MEANS PROCEDURE.....                                                   | 8-9         |
| SUMMARY EXERCISES .....                                                    | 8-14        |
| <b>CHAPTER 9: SELECTING SUBSETS OF CASES.....</b>                          | <b>9-1</b>  |
| 9.1 INTRODUCTION.....                                                      | 9-1         |
| 9.2 SELECT CASES .....                                                     | 9-1         |
| 9.3 SELECT CASES USING IF CRITERIA .....                                   | 9-3         |
| 9.4 SPLIT FILE PROCESSING .....                                            | 9-10        |
| SUMMARY EXERCISES .....                                                    | 9-13        |
| <b>CHAPTER 10: CREATING AND EDITING CHARTS.....</b>                        | <b>10-1</b> |
| 10.1 INTRODUCTION TO SPSS CHARTS .....                                     | 10-1        |
| 10.2 THE CHART BUILDER.....                                                | 10-1        |
| 10.3 THE CHART EDITOR.....                                                 | 10-8        |
| 10.4 CREATING A PANELED CHART .....                                        | 10-11       |

|                                                                    |             |
|--------------------------------------------------------------------|-------------|
| 10.5 CREATING CHARTS TO DISPLAY SCALE VARIABLES BY SUBGROUPS ..... | 10-13       |
| SUMMARY EXERCISES .....                                            | 10-22       |
| <b>CHAPTER 11: WORKING WITH SPSS OUTPUT .....</b>                  | <b>11-1</b> |
| 11.1 INTRODUCTION.....                                             | 11-1        |
| 11.2 THE OUTPUT VIEWER .....                                       | 11-1        |
| 11.3 USING THE PIVOT TABLES EDITOR.....                            | 11-9        |
| 11.4 TABLELOOKS .....                                              | 11-15       |
| 11.5 CONVERTING A TABLE INTO AN INTERACTIVE CHART .....            | 11-17       |
| 11.6 PRINTING THE OUTPUT VIEWER CONTENTS .....                     | 11-19       |
| 11.7 SAVING OUTPUT .....                                           | 11-21       |
| 11.8 USING RESULTS IN OTHER APPLICATIONS .....                     | 11-21       |
| SUMMARY EXERCISES .....                                            | 11-32       |
| <b>CHAPTER 12: WORKING WITH SPSS SYNTAX.....</b>                   | <b>12-1</b> |
| 12.1 INTRODUCTION.....                                             | 12-1        |
| 12.2 PASTING AND RUNNING SYNTAX .....                              | 12-1        |
| 12.3 EDITING SYNTAX .....                                          | 12-3        |
| 12.4 SYNTAX HELP .....                                             | 12-4        |
| 12.5 TYPING AND SAVING SYNTAX.....                                 | 12-5        |
| 12.6 OPENING AND RUNNING A SYNTAX FILE .....                       | 12-6        |
| 12.7 UNDERSTANDING THE SESSION JOURNAL .....                       | 12-7        |
| SUMMARY EXERCISES .....                                            | 12-11       |
| <b>APPENDIX A: MULTIPLE RESPONSE VARIABLES .....</b>               | <b>A-1</b>  |
| A.1 INTRODUCTION.....                                              | A-1         |
| A.2 WHAT ARE MULTIPLE RESPONSE VARIABLES? .....                    | A-1         |
| A.3 DEFINING A MULTIPLE RESPONSE SET .....                         | A-3         |
| A.4 DEFINING A MULTIPLE RESPONSE SET: DICHOTOMOUS ITEMS .....      | A-6         |
| A.5 MULTIPLE RESPONSE FREQUENCY TABLES.....                        | A-7         |
| A.6 CROSSTAB TABLES WITH MULTIPLE RESPONSE VARIABLES .....         | A-10        |
| A.7 HANDLING NONRESPONSES.....                                     | A-13        |
| A.8 OTHER PROCEDURES AND MULTIPLE RESPONSE VARIABLES.....          | A-14        |
| SUMMARY EXERCISES .....                                            | A-18        |