

Contents

Acknowledgments.....	<i>ix</i>
Exercises for Chapter 3: Writing and Submitting	
SAS Programs	3
Exercise 3.1: Computing Mean Height, Weight, and Age.....	3
Exercise 3.2: Computing Mean Age, IQ, and Income.....	6
Exercises for Chapter 4: Data Input	9
Exercise 4.1: Creating and Analyzing a Data Set Containing LAT Test Scores	9
Exercise 4.2: Creating and Analyzing a Data Set Containing Information About Volunteerism.....	14
Exercises for Chapter 5: Creating Frequency Tables.....	21
Exercise 5.1: Using PROC FREQ to Analyze LAT Data.....	21
Exercise 5.2: Using PROC FREQ to Analyze Exercise Data	27
Exercises for Chapter 6: Creating Graphs.....	33
Exercise 6.1: Using PROC CHART to Create Bar Charts from LAT Data	33
Exercise 6.2: Using PROC CHART to Create Bar Charts from an Experiment About Goal Setting	38
Exercises for Chapter 7: Measures of Central Tendency and Variability.....	47
Exercise 7.1: Using PROC UNIVARIATE to Identify Normal, Skewed, and Bimodal Distributions	47
Exercise 7.2: Using PROC UNIVARIATE and PROC MEANS to Compute Measures of Variability	56

Exercises for Chapter 8: Creating and Modifying Variables and Data Sets	63
Exercise 8.1: Working with an Academic Development Questionnaire	63
Exercise 8.2: Using Subsetting IF Statements with the Academic Development Data	70
Exercises for Chapter 9: z Scores	77
Exercise 9.1: Satisfaction with Academic Development and the Social Environment Among College Students.....	77
Exercise 9.2: Physical Fitness and Verbal Ability	84
Exercises for Chapter 10: Bivariate Correlation	91
Exercise 10.1: Correlational Study of Drinking and Driving Behavior.....	91
Exercise 10.2: Correlational Study of Nurses' Intent to Remain	100
Exercises for Chapter 11: Bivariate Regression	107
Exercise 11.1: Predicting Current Drinking and Driving Behavior from Previous Behavior.....	107
Exercise 11.2: Predicting Nurses' Intent to Remain from Emotional Exhaustion	115
Exercises for Chapter 12: Single-Sample t Test	123
Exercise 12.1: Answering SAT Reading Comprehension Questions Without the Passages.....	123
Exercise 12.2: Predicting the Results of Coin Flips	129
Exercises for Chapter 13: Independent-Samples t Test	135
Exercise 13.1: Sex Differences in Sexual Jealousy.....	135
Exercise 13.2: Effect of Interviewer Suspicion on Interviewee Nervousness.....	142
Exercises for Chapter 14: Paired-Samples t Test	151
Exercise 14.1: Perceived Problem Seriousness as a Function of Time of Day	151
Exercise 14.2: Effect of Functional Family Therapy on Probation Compliance for Juvenile Delinquents	159

Exercises for Chapter 15: One-Way ANOVA with One Between-Subjects Factor	167
Exercise 15.1: The Effect of Misleading Suggestions on the Creation of False Memories	167
Exercise 15.2: The Effect of News Source Credibility on Voter Reactions to Political Scandal	177
Exercises for Chapter 16: Factorial ANOVA with Two Between-Subjects Factors	187
Exercise 16.1: The Effects of Misleading Suggestions and Pre-Event Instructions on the Creation of False Memories	187
Exercise 16.2: The Effect of News Source Credibility and Nature of the Scandal on Voter Reactions to Political Scandal.....	198
Exercises for Chapter 17: Chi-Square Test of Independence	209
Exercise 17.1: The Relationship Between Sex of Children and Marital Disruption.....	209
Exercise 17.2: The Relationship Between Membership in College Student Organizations and Sexually Coercive Behavior in Men.....	218
Solution for Chapter 3: Writing and Submitting SAS Programs	229
Solution to Exercise 3.1: Computing Mean Height, Weight, and Age	229
Solution for Chapter 4: Data Input.....	233
Solution to Exercise 4.1: Creating a Data Set Containing LAT Test Scores	233
Solution for Chapter 5: Creating Frequency Tables	237
Solution to Exercise 5.1: Using PROC FREQ to Analyze LAT Data.....	237

Solution for Chapter 6: Creating Graphs	241
Solution to Exercise 6.1: Using PROC CHART to Create Bar Charts from LAT Data	241
Solution for Chapter 7: Measures of Central Tendency and Variability.....	247
Solution to Exercise 7.1: Using PROC UNIVARIATE to Identify Normal, Skewed, and Bimodal Distributions.....	247
Solution for Chapter 8: Creating and Modifying Variables and Data Sets	259
Solution to Exercise 8.1: Working with an Academic Development Questionnaire	259
Solution for Chapter 9: z Scores	265
Solution to Exercise 9.1: Satisfaction with Academic Development and the Social Environment Among College Students.....	265
Solution for Chapter 10: Bivariate Correlation.....	271
Solution to Exercise 10.1: Correlational Study of Drinking and Driving Behavior.....	271
Solution for Chapter 11: Bivariate Regression.....	277
Solution to Exercise 11.1: Predicting Current Drinking and Driving Behavior from Previous Behavior	277
Solution for Chapter 12: Single-Sample t Test.....	285
Solution to Exercise 12.1: Answering SAT Reading Comprehension Questions Without the Passages.....	285
Solution for Chapter 13: Independent-Samples t Test	289
Solution to Exercise 13.1: Sex Differences in Sexual Jealousy.....	289
Solution for Chapter 14: Paired-Samples t Test.....	295
Solution to Exercise 14.1: Perceived Problem Seriousness as a Function of Time of Day	295

Solution for Chapter 15: One-Way ANOVA with One Between-Subjects Factor	301
Solution to Exercise 15.1: The Effect of Misleading Suggestions on the Creation of False Memories	301
Solution for Chapter 16: Factorial ANOVA with Two Between-Subjects Factors	311
Exercise 16.1: The Effects of Misleading Suggestions and Pre-Event Instructions on the Creation of False Memories	311
Solution for Chapter 17: Chi-Square Test of Independence	321
Solution to Exercise 17.1: The Relationship Between Sex of Children and Marital Disruption.....	321
Index	327