

BRIEF CONTENTS

Preface	xiv
Acknowledgments	xix
PART I • THE RESEARCH PROCESS AND DATA COLLECTION	1
Chapter 1 • The Research Process	2
Chapter 2 • Sampling Techniques	10
Chapter 3 • Questionnaire Design	25
PART II • DESCRIBING DATA	41
Chapter 4 • An Introduction to Stata	42
Chapter 5 • Preparing and Transforming Your Data	59
Chapter 6 • Descriptive Statistics	74
PART III • TESTING HYPOTHESES	109
Chapter 7 • The Normal Distribution	110
Chapter 8 • Testing a Hypothesis About a Single Mean	131
Chapter 9 • Testing a Hypothesis About Two Independent Means	142
Chapter 10 • One-Way Analysis of Variance	157
Chapter 11 • Cross Tabulation and the Chi-Squared Test	172
PART IV • EXPLORING RELATIONSHIPS	185
Chapter 12 • Linear Regression Analysis	186
Chapter 13 • Regression Diagnostics	217
Chapter 14 • Regression Analysis With Categorical Dependent Variables	253

PART V • WRITING A RESEARCH PAPER	283
Chapter 15 • Writing a Research Paper	284
APPENDICES	303
Appendix 1 • Quick Reference Guide to Stata Commands	303
Appendix 2 • Summary of Statistical Tests by Chapter	319
Appendix 3 • Decision Tree for Choosing the Right Statistic	325
Appendix 4 • Decision Rules for Statistical Significance	326
Appendix 5 • Areas Under the Normal Curve (Z Scores)	328
Appendix 6 • Critical Values of the <i>t</i> Distribution	330
Appendix 7 • Stata Code for Random Sampling	332
Appendix 8 • Examples of Nonlinear Functions	338
Appendix 9 • Estimating the Minimum Sample Size	350
Glossary	354
About the Authors	360
Name Index	361
Subject Index	363