

# Brief Contents

<b>List of Symbols</b>	<b>xix</b>
<b>Preface</b>	<b>xxi</b>
<b>Part 1 Foundations of Quantitative Analysis</b>	<b>1</b>
Chapter 1 Statistics and Public and Nonprofit Administration	3
Chapter 2 Measurement	14
Chapter 3 Research Design	42
<b>Part 2 Descriptive Statistics</b>	<b>67</b>
Chapter 4 Frequency Distributions	69
Chapter 5 Measures of Central Tendency	91
Chapter 6 Measures of Dispersion	109
<b>Part 3 Probability</b>	<b>123</b>
Chapter 7 The Normal Probability Distribution	125
Chapter 8 The Binomial Probability Distribution	145
Chapter 9 Some Special Probability Distributions	157
<b>Part 4 Inferential Statistics</b>	<b>165</b>
Chapter 10 Introduction to Inference	167
Chapter 11 Hypothesis Testing	183
Chapter 12 Estimating Population Proportions	204
Chapter 13 Testing the Difference between Two Groups	213
<b>Part 5 Analysis of Nominal and Ordinal Data</b>	<b>235</b>
Chapter 14 Construction and Analysis of Contingency Tables	237
Chapter 15 Aids for the Interpretation of Contingency Tables	258
Chapter 16 Statistical Control Table Analysis	287
<b>Part 6 Regression Analysis</b>	<b>317</b>
Chapter 17 Introduction to Regression Analysis	319
Chapter 18 The Assumptions of Linear Regression	350
Chapter 19 Time Series Analysis	366
Chapter 20 Multiple Regression	390
Chapter 21 Regression Output and Data Management	421
<b>Annotated Bibliography</b>	<b>441</b>
<b>Statistical Tables</b>	<b>446</b>
<b>Glossary</b>	<b>457</b>
<b>Answers to Odd-Numbered Computational Problems</b>	<b>467</b>
<b>Index</b>	<b>487</b>