Contents

Acknowledgments v

Chapter 1 Writing Reports with SAS 1

Chapter 2 Detail Reports 9
  Example 2.1 Listing Selected Observations in a Specific Order 11
  Example 2.2 Ordering the Rows of a Report 14
  Example 2.3 Placing Data That Is Constant for a Category in Titles 20
  Example 2.4 Summarizing the Rows of a Report 26
  Example 2.5 Summarizing Columns and Rows 31
  Example 2.6 Suppressing the Display of Specific Columns 38
  Example 2.7 Presenting Multiple Observations per Report Row 42
  Example 2.8 Presenting Long Text Fields in a Report 50
  Example 2.9 Listing the Rank and Percentile for Each Observation 53

Chapter 3 Summary Reports 59
  Example 3.1 Summarizing Data 61
  Example 3.2 Computing Descriptive Statistics for Specific Groups 69
  Example 3.3 Displaying Descriptive Statistics in a Tabular Format 87
  Example 3.4 Displaying Basic Frequency Counts and Percentages 93
  Example 3.5 Producing a Hierarchical Tabular Report 104
  Example 3.6 Creating Multipage Summary Tables 108
  Example 3.7 Assigning Multiple Labels to Categories 114
  Example 3.8 Writing Customized Lines in Summary Reports 118
  Example 3.9 Reporting on Multiple-Choice Survey Data 123
  Example 3.10 Reporting on Multiple-Response Survey Data 136

Chapter 4 Customized Reports 143
  Example 4.1 Customizing a Detail Report with Individualized Page Headers 145
  Example 4.2 Creating a Customized Table of Descriptive Statistics 152
  Example 4.3 Customizing the Presentation of Analyses 163

Chapter 5 Multipanel Reports 173
  Example 5.1 Constructing a Basic Multipanel Report 175
  Example 5.2 Constructing an Advanced Multipanel Report 178
Chapter 6 Enhancing Reports with ODS  183
Example 6.1 Customizing a PROC REPORT Detail Report  187
Example 6.2 Customizing a PROC REPORT Summary Report  193
Example 6.3 Customizing a PROC TABULATE Report  199
Example 6.4 Adding “Traffic Lighting” to a Report Created by PROC REPORT  203
Example 6.5 Adding “Traffic Lighting” to a Report Created by PROC TABULATE  209
Example 6.6 Including Images in a Report Created by PROC REPORT  212
Example 6.7 Including Images in a Report Created by PROC TABULATE  216
Example 6.8 Presenting Graphics and Tables in the Same Report  220
Example 6.9 Placing Hyperlinks in a Report  225
Example 6.10 Customizing the Appearance of a Detail Report Created by PROC PRINT  233
Example 6.11 Customizing a Multipanel Report Created by PROC REPORT  238
Example 6.12 Customizing the Appearance of a Report Produced by a DATA Step  241
Example 6.13 Condensing a Multipage, Multitable Report to One Page and Customizing the Output  249
Example 6.14 Defining a Reusable Generic Style  253
Example 6.15 Organizing Results into Tables Using ODS  258

Appendix A Creating the Example Data Sets  267

Appendix B Cross-Reference of the Examples in This Book  285

Index  291