Mastering Research Statistics

This book is a practical guide for those who are directly involved in research. It covers basic research statistics which can be used as teaching and learning tool for courses related to research at both undergraduate and post-graduate levels. This book can also be used as a reference by researchers when they are conducting and reporting their research. Not only does Mastering Research Statistics introduce readers to methods of conducting research, it helps them to easily understand the entire research process, including designing the research instrument, data entry and data analysis, and reporting the results.

In addition, explanations about the concept of research, especially the design, measurement and instrumentation, and format of research reports are simplified to help readers of all levels better understand what they are reading. Concepts are explained in detail with examples to enable readers to carry out confidently each stage of the research process. Exercises are provided at the end of each chapter to help readers reinforce their understanding of the topics covered in the chapter.
Chua Yan Piaw

Mastering Research Statistics
Preface

The desire to write a research book arose when I was working as a facilitator for a 12-week research course for lecturers. For two years, off-duty hours and what were supposed to be family times were spent planning and writing this book.

During the writing process, I was both the author and reader. As the author, I tried to write the book professionally, to provide valid, reliable, up-to-date, useful and practical information to the readers. Then I read my own writing in the way would somebody with little knowledge of research. After playing the roles of author and reader and rewriting and rereading the manuscript, the book was finally completed.

Those who are directly involved in the field of research will find this book useful. It is appropriate to be used as the teaching and learning material for courses which are related to research statistics at all undergraduate and post-graduate levels. This book can also be used as a reference by researchers when they are conducting and reporting their research.

In addition, explanations about the concept of research, especially the design, measurement, data analysis with SPSS and report of analysis are simplified to help readers of all levels better understand what they are reading. Concepts are explained in detail with examples and text-related illustrations to enable readers to carry out confidently each stage of the research process. Exercises are provided at the end of each chapter to help readers reinforce their understanding of the topics covered in the chapter.

I hope readers at every reading level will be able to benefit fully from this book in their efforts to realise their aims and hopes through research activities and self-development in this era of globalisation and life-long learning.

Chua Yan Piaw
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Chua Yan Piaw

**COMMENTS AND RESPONSES**

The author welcomes comments and responses from readers. Please send them to: yanplaw@gmail.com. Thank you.
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by Chua Yan Piaw (Author)

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This book is a practical guide that covers basic research statistics which can be used as teaching and learning tool for courses related to research at both undergraduate and post-graduate levels. This book will also prove invaluable to researchers. Concepts are explained in detail with examples to enable readers to carry out confidently each stage of the research process. Exercises are provided at the end of each chapter to help readers reinforce their understanding of the topics covered in the chapter.

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