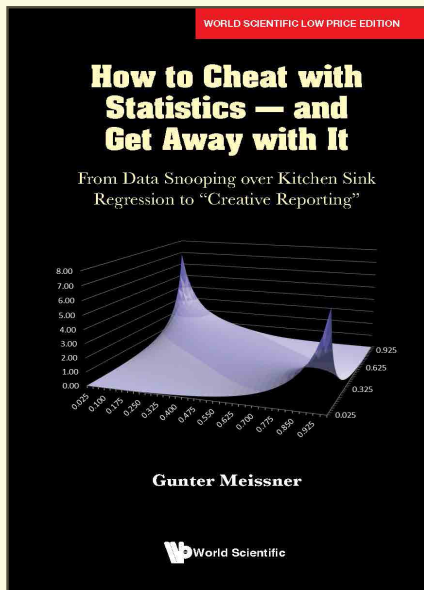


# How to Cheat with Statistics — and Get Away with It

## From Data Snooping over Kitchen Sink Regression to “Creative Reporting”



By **Gunter Meissner**  
(Columbia University, USA)

ISBN	9781944660697
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### ABOUT THE BOOK

The book explains how to identify and catch statistical cheaters. The author came across many weaknesses and flaws in statistics through 30 years of teaching. These weaknesses allow a malevolent researcher to manipulate the inputs, the calculations, and the reporting of results to derive a desired outcome.

This book should be valuable to everyone who wants to gain a deeper understanding of the weaknesses in statistics and learn how to evaluate statistical research to catch a statistical cheater!

The math is explained in simple terms and should be easy to follow. In addition, the book comes with 18 Excel spreadsheets and 7 Python codes. There are also questions and problems at the end of each chapter, which should facilitate the usage in a classroom. Answers to the questions and problems are available to instructors upon request.

### READERSHIP

Beginning undergraduate students interested in statistics, instructors of statistics, statisticians; any general audience interested in statistics.

### REVIEWS

“This book explains the weaknesses, inconsistencies, and flaws in statistics to avoid misinformation and fake news. It is a must-read for anyone dealing with statistics and should be part of every statistics class!”

— *Ranjan Bhaduri, PHD in Math, BSc (Honours) MBA, CAIA, CFA*  
Chief Executive Officer  
Bodhi Research Group

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Preface

### Input Manipulation:

- Manipulating Input Data
- Manipulating the Research Timeframe

### Manipulating Statistical Calculations:

- Regression Analysis
- Inferential Statistics

### “Creative Reporting”, i.e., Distorting Outputs:

- Numerical Bias
- Visual Bias

## ABOUT THE AUTHOR

After a lectureship in mathematics and statistics at the Economic Academy Kiel, **Gunter Meissner PhD**, joined Deutsche Bank in 1990, trading interest rate futures, swaps, and options in Frankfurt and New York. He became Head of Product Development in 1994, responsible for originating algorithms for new derivatives products, which at the time were Lookback Options, Multi-asset Options, Quanto Options, Average Options, Index Amortizing Swaps, and Bermuda Swaptions. In 1995/1996 Gunter Meissner was Head of Options at Deutsche Bank Tokyo. From 1997 to 2007, Gunter was Professor of Finance at Hawaii Pacific University and from 2008 to 2013 Director of the Master in Financial Engineering Program at the University of Hawaii. Currently, he is President of Derivatives Software ([www.dersoft.com](http://www.dersoft.com)) and Adjunct Professor of Mathematical Finance at Columbia University and NYU.

Gunter Meissner has published numerous papers and six other books on derivatives and risk management, and is a frequent speaker on conferences and seminars. He can be reached at [gunter@dersoft.com](mailto:gunter@dersoft.com). His CV is at [www.dersoft.com/cv.pdf](http://www.dersoft.com/cv.pdf)



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