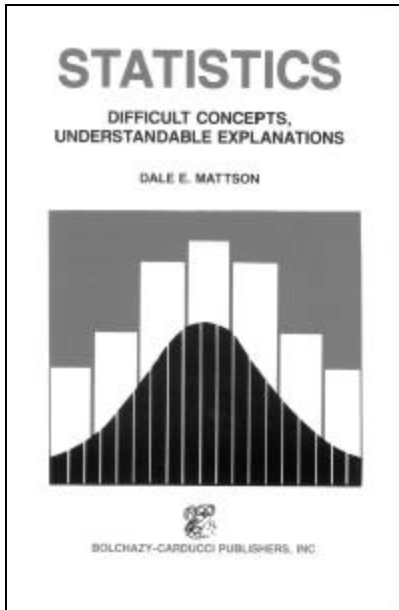


Statistics: Difficult Concepts, Understandable Explanations

Dale E. Mattson



Dr. Mattson, winner of the University of Illinois's first Golden Apple Award, designed this student-friendly text to meet the needs of beginning and intermediate students – even those with limited math background. Because it breaks the content into easy-to-follow, comprehensible lessons, *Statistics* has served the needs of students in a variety of fields from the sciences to the humanities since its original publication in 1981.

Students who evaluated the course had these praises for Mattson's text.

Very pleased with the book. It will be an excellent future reference.

...extremely helpful. I had to take only minimal notes because the book served as a good outline. Included helpful exercises and problems.

CONTENTS

PART ONE

DESCRIPTIVE STATISTICS

1. Scope and content of statistics
2. Presentation of data
3. Summary statistics

PART TWO

RATIONALE OF INFERENCE STATISTICS

4. Probability
5. Sampling and sampling distributions
6. Confidence intervals
7. Hypothesis testing

PART THREE

APPLICATIONS OF INFERENCE STATISTICS

8. Two-sample experiments
9. Comparisons of population proportions using chi-square
10. Significance tests for variances using chi-square and F distributions
11. Comparison of several means
12. Correlation and regression
13. Analysis of covariance
14. Nonparametric statistics
15. Study design and interpretation of results

APPENDIXES

- A. Public health data and analyses
- B. Answers to exercises
- C. Comprehensive example of hypothesis testing
- D. Important formulas appearing in the text
- E. Useful tables

Target: general, xiii + 482 pp. (1986, 4th Edition 1993)
Paperback, ISBN: 0-86516-056-2, \$24.00, €24.25

ISBN/Order #	Request a Review Copy	Quantity	Cost
0-86516-056-2	Statistics: Difficult Concepts, Understandable Explanations	1	FREE

Company _____ Title/Position _____

Name _____

Address _____

Phone No. _____ Email _____



Bolchazy-Carducci Publishers, Inc.

WWW.BOLCHAZY.COM/FRANKFURT

1000 Brown Street, Unit 101
Wauconda, IL 60084
Fax: 847/526-2867
rights@bolchazy.com