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Chance Encounters: A First Course In Data Analysis And Inference



Synopsis

A text for the non-majors introductory statistics service course. The chapters--including Web site material--can be organized for one or two semester sequences; algebra is the mathematics prerequisite. Web site chapters on quality control, time series, plus business applications regularly throughout the work make it suitable for business statistics courses on some campuses. The text combines lucid and statistically engaging exposition, graphic and poignantly applied examples, realistic exercise settings to take student past the mechanics of introductory-level statistical techniques into the realm of practical data analysis and inference-based problem solving.

Book Information

Hardcover: 632 pages

Publisher: Wiley; 1 edition (November 30, 1999)

Language: English

ISBN-10: 0471329363

ISBN-13: 978-0471329367

Product Dimensions: 8.4 x 1.4 x 10.2 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #784,638 in Books (See Top 100 in Books) #83 in Books > Science & Math > Mathematics > Applied > Stochastic Modeling #2381 in Books > Textbooks > Science & Mathematics > Mathematics > Statistics #3406 in Books > Science & Math > Mathematics > Applied > Probability & Statistics

Customer Reviews

"...a superb book....Wild & Seber have now raised the standard of introductory textbooks another notch." (Australian & New Zealand, 2000)

Christopher J. Wild, PhD, Professor of Statistics University of Auckland. A Fellow of the American Statistical Association and Royal Society of New Zealand Chris Wild works on developing methods for modelling response-selective data (e.g. case-control studies) and missing data problems, and in statistics education with particular emphasis on statistical thinking and reasoning processes.

George A. F. Seber, PhD, Dip. Counsel. is an Emeritus Professor in the Department of Statistics at the University of Auckland in New Zealand. A Fellow of the New Zealand Royal Society and recipient of the Hector Medal in Science by the NZ Royal Society, he is the author or coauthor of 15

statistical books and an extensive book on counselling. His research interests have included linear and nonlinear modeling, multivariate analysis, statistical ecology, genetics, epidemiology, and adaptive sampling.

Excellent textbook

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- 1 What is Statistics?
- 2 Tools for Exploring Univariate Data
- 3 Exploratory Tools for Relationships
- 4 Probabilities and Proportions
- 5 Discrete Random Variables
- 6 Continuous Random Variables
- 7 Sampling Distributions of Estimates
- 8 Confidence Intervals
- 9 Significance Testing: Using Data to Test Hypotheses
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