



Statistics Without Tears: A Primer for Non-Mathematicians (Allyn & Bacon Classics Edition)

By Derek Rowntree

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Statistics Without Tears: A Primer for Non-Mathematicians (Allyn & Bacon Classics Edition) By Derek Rowntree

This classic book uses words and diagrams, rather than formulas and equations, to help readers understand what statistics is, and how to think statistically. It focuses on the **ideas** behind statistics only; readers are not required to perform any calculations.

CONTENTS of STATISTICS WITHOUT TEARS

Introduction.?How to use this book.

1. Statistical inquiry.?Making sense of experience.?What is statistics??Descriptive and inferential statistics.?Collecting a sample.
2. Describing our sample.?Statistical variables.?Error, accuracy and approximations.
3. Summarizing our data.?Tables and diagrams.?Central tendency (averages).?Measures of dispersion.
4. The shape of a distribution.?Skewed distributions.?Introducing the normal distribution.?Proportions under the normal curve.?Comparing values.
5. From sample to population.?Estimates and inferences.?The logic of sampling.?A distribution of sample-means.?Estimating the population-mean.?Estimating other parameters.
6. Comparing samples.?From the same or different populations??Significance testing.?The significance of significance.?Comparing dispersions.?Non-parametric methods.
7. Further matters of significance.?One- versus two-tailed tests.?z-tests and t-tests.?Comparing several means.?Comparing proportions.

8. Analysing relationships.?Paired values.?Three kinds of correlation.?The strength of a correlation.?The significance of a correlation coefficient.?Interpreting a correlation coefficient.?Prediction and regression.

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Editorial Review

From the Back Cover

An ideal introduction to statistics in any field.

This text uses words and diagrams, rather than formulas and equations, to help students from all subject areas understand what statistics is, and how to think statistically. The author uses a question-and-answer presentation style to help students learn on their own. *Statistics Without Tears* focuses on the ideas behind statistics only; students are not required to perform any calculations.

Users Review

From reader reviews:

Lynnette Cash:

Reading a guide tends to be new life style in this particular era globalization. With looking at you can get a lot of information which will give you benefit in your life. Using book everyone in this world can share their idea. Publications can also inspire a lot of people. Plenty of author can inspire their particular reader with their story or maybe their experience. Not only the storyline that share in the ebooks. But also they write about the ability about something that you need example. How to get the good score toefl, or how to teach your young ones, there are many kinds of book which exist now. The authors these days always try to improve their proficiency in writing, they also doing some analysis before they write for their book. One of them is this Statistics Without Tears: A Primer for Non-Mathematicians (Allyn & Bacon Classics Edition).

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