



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

By Derek Rowntree

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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.
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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.

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