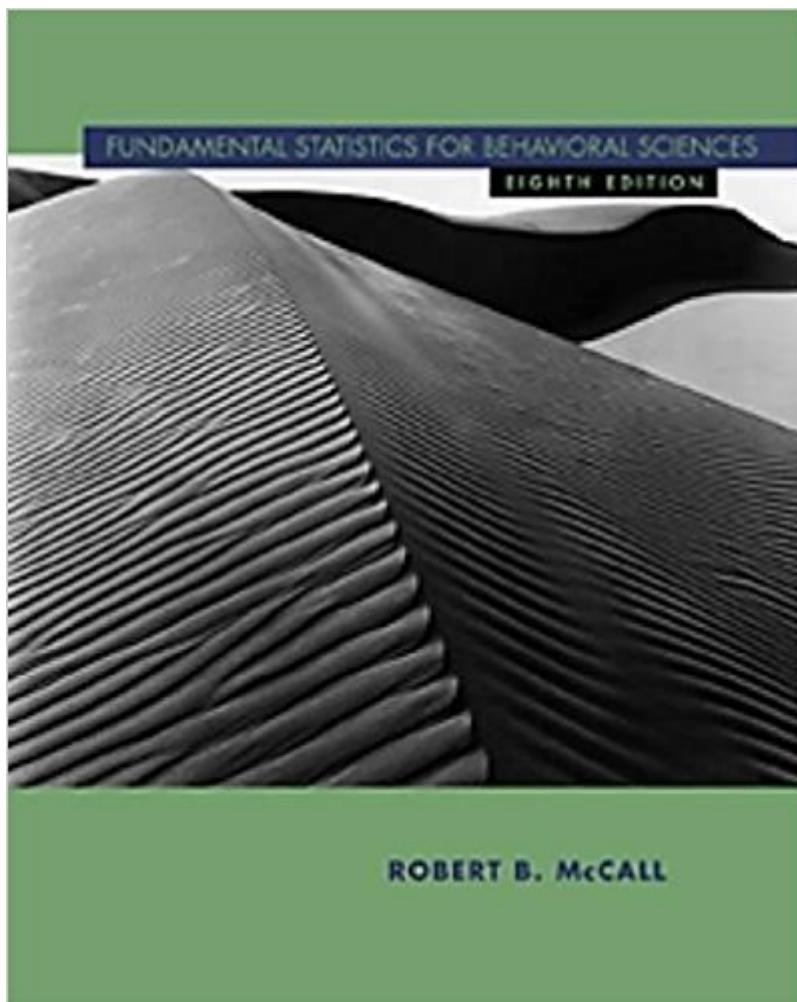


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# Fundamental Statistics For Behavioral Sciences



## **Synopsis**

This eighth edition of McCall's well-respected book continues to present concepts in a way that students can easily understand. The new edition has been updated throughout and now includes recommendations by the APA Task Force on Statistical Inference. As in previous editions, McCall helps students see the many real applications of statistics to research in the behavioral sciences. Taking a traditional approach to teaching the basic statistical concepts and methods used in behavioral research. McCall emphasizes building an understanding of the logic of statistics rather than stressing the mechanics. In this exciting revision, McCall continues to keep the data for the computational problems simple, so your students can focus on the rationale and outcome of techniques rather than the calculations themselves. Using clear discussion, a wide variety of end-of-chapter exercises, and examples drawn from actual studies, McCall helps students learn how to choose appropriate statistical methods and correctly interpret the results. Also retained in this edition are the author's step-by-step explanations for each proof and his clear definitions of symbols-the essential vocabulary of statistics-that have been so successful in helping students master the material.

## **Book Information**

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Intervals. Graphs of Frequency Distributions. How Distributions Differ. Summary. 3. Characteristics Of Distributions. Indicators of Central Tendency. Indicators of Variability. Populations and Samples. A Note on Calculators and Computers. Summary. 4. Elements Of Exploratory Data Analysis. Stem and Leaf Displays. Resistant Indicators. Summary. 5. Indicators Of Relative Standing. Percentiles. Changing the Properties of Scales. Standard Scores and the Normal Distribution. Summary. 6. Regression. Linear Relationships. Regression Constants and the Regression Line. Standard Error of Estimate. Summary. 7. Correlation. The Pearson Product-Moment Correlation Coefficient. Properties of the Correlation Coefficient. Sampling Factors that Change the Correlation Coefficient. Causality and Correlation. Summary. Part II: Inferential Statistics. 8. Sampling, Sampling Distributions, And Probability. Methods of Sampling. Sampling Distributions and Sampling Error. Probability and its Application to Hypothesis Testing. Estimation. Summary. 9. Introduction To Hypothesis Testing: Terminology And Theory. Statistical Terminology. Hypothesis Testing When Alpha X is Estimated by Sigma X. Summary. 10. Elementary Techniques Of Hypothesis Testing. Inferences About the Difference Between Means. Inferences About Correlation Coefficients. A Comparison of the Difference Between Means and Correlation. Statistics in the Journals. Summary. 11. Beyond Hypothesis Testing: Effect Size And Interval Estimation. Beyond Hypothesis Testing. Indices of Size. Interval Estimation. Summary. Part III: Special Topics. 12. Introduction To Research Design. Scientific Questions. Operationalizing. Data Collection and Data Analysis. Conclusions and Interpretations. The Research Report. Ethical Considerations. Summary. 13. Topics On Probability. Set Theory. Simple Classical Probability. Probability of Complex Events. Methods of Counting. Summary. 14. Simple Analysis Of Variance. Logic of the Analysis of Variance. Computational Procedures. Comparisons Between Specific Means. Size of Relationship. Summary. 15. Two-Factor Analysis Of Variance. Two-Factor Classification. Logic of Two-Factor Analysis of Variance. Computational Procedures. Summary. 16. Nonparametric Techniques. Parametric and Nonparametric Tests. Tests on Independent Samples. Tests on Correlated Samples. Rank-Order Correlation. Summary. Appendix 1: Math Review. Appendix 2: Tables. Appendix 3: Symbols. Appendix 4: Terms. Appendix 5: Answers. Index.

I was more then happy with this book purchase. I desperately needed the book for my Psych Stats class. Classmates were paying a FORTUNE even for used versions of the book at the bookstore. I bought it for LESS then 50% of the used price, and it was listed as good condition. I got the book VERY quickly, and then when I opened up the box, it was literally BRAND NEW. The binding hadn't even been cracked. No marks, or even finger prints were on its shiny cover. I was so happy and I

saved necessary money. I have order from .com before, but this was one the best purchases ever. Pleasantly surprised.

Statistics, yuck, but when one has to take the class for their degree, then this text will do the job just fine. The math review was pleasing to me since it was a simple overview of my college algebra class and taking my instructor's math pre-test last week (after doing the math tune-up in the last chapter of the book), I get this week off because all of the rest of the class is doing a math refresher tonight and I don't have to!!! Tickles me and all I did was prep using the math review in this text.

The book was in good condition and I was so happy to have ordered it. While I found reading the textbook rather confusing rather than simply listening to my professor lecture, but I did absolutely need the text especially for the tables in the back. Of course, open-note, open-book tests were given. Thank you for having it at such a lower price than my school's bookstore.

In horrible condition, water damage, wasn't very satisfied.

seller shipped fast and product was as described.

The book was brand new at a great price. It was my best purchase.

Thanks. Great seller. A+++

I wasn't expecting the book to arrive so quickly but was very grateful it did. I needed it for a summer class and thought the class would be half over before I got it. It was at my door a full two weeks before the class even started.

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