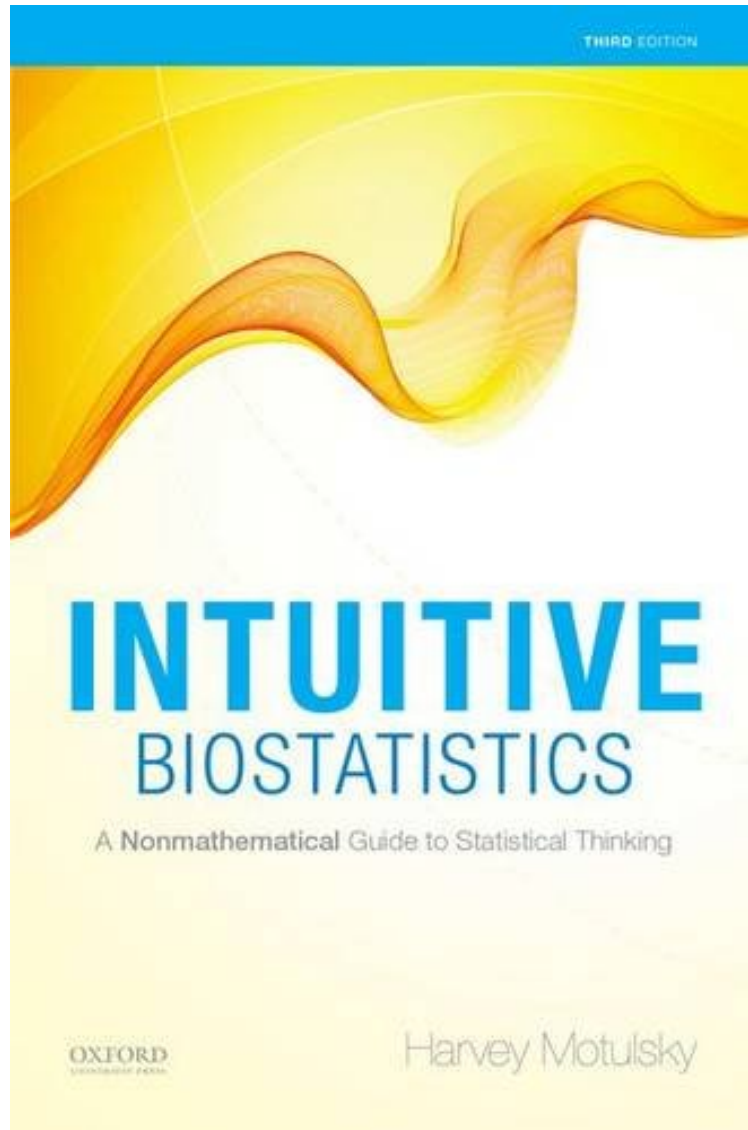


[PDF] Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking, 3rd edition

Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking, 3rd edition

Harvey Motulsky

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Thoroughly revised and updated, the third edition of *Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking* retains and refines the core perspectives of the previous editions: a focus on how to interpret statistical results rather than on how to analyze data, minimal use of equations, and a detailed review of assumptions and common mistakes. With its engaging and conversational tone, this unique book provides a clear introduction to statistics for undergraduate and graduate students in a wide range of fields and also serves as a statistics refresher for working scientists. It is especially useful for those students in health-science related fields who have no background in biostatistics.

Unlike other statistics texts I have seen, it includes extensive and carefully crafted discussions of the perils of multiple comparisons, warnings about common and avoidable mistakes in data analysis, a review of the assumptions that apply to various tests, an emphasis on confidence intervals rather than P values, explanations as to why the concept of statistical significance is rarely needed in scientific work, and a clear explanation of nonlinear regression (commonly used in labs; rarely explained in statistics books).