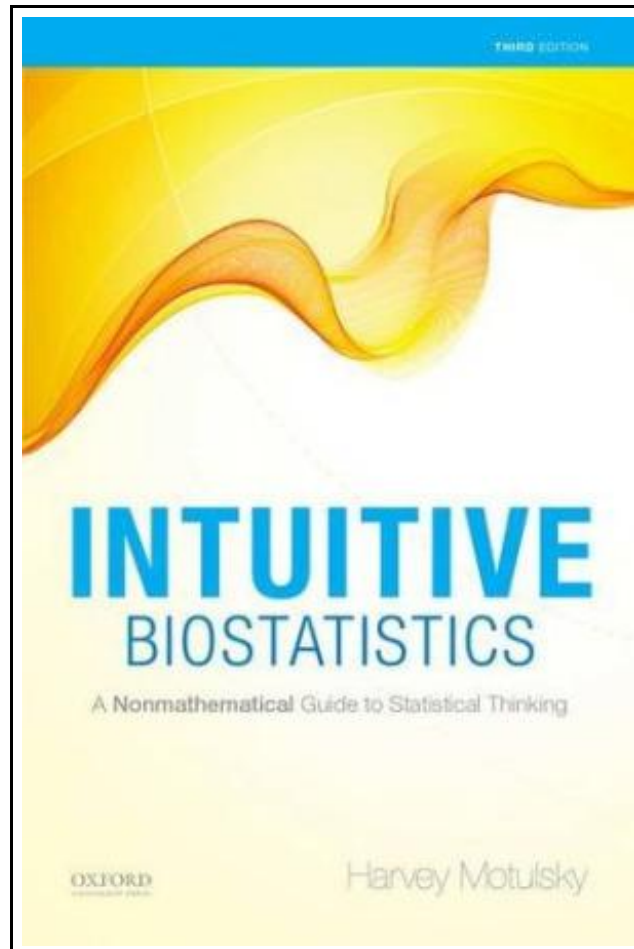


## Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking



Filesize: 4.52 MB

### ***Reviews***

*This pdf is so gripping and intriguing. I could comprehend almost everything using this composed ebook. You are going to like just how the article writer create this ebook.*  
***(Miss Dakota Zulauf)***

## INTUITIVE BIOSTATISTICS: A NONMATHEMATICAL GUIDE TO STATISTICAL THINKING



To read **Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking** eBook, remember to refer to the link under and download the document or get access to additional information that are in conjunction with INTUITIVE BIOSTATISTICS: A NONMATHEMATICAL GUIDE TO STATISTICAL THINKING ebook.

Oxford University Press, USA. Paperback. Book Condition: New. Paperback. 576 pages. Dimensions: 9.2in. x 6.1in. x 1.0in. 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.

**CONTENT**

**Part A: Introducing Statistics**

1. Statistics and Probability Are Not Intuitive
2. The Complexities of Probability
3. From Sample to Population

**Part B: Confidence Intervals**

4. Confidence Interval of a Proportion
5. Confidence Interval of Survival Data
6. Confidence Interval of Counted Data

**Part C: Continuous Variables**

7. Graphing Continuous Data
8. Types of Variables
9. Quantifying Scatter
10. The Gaussian Distribution
11. The Lognormal Distribution and Geometric Mean
12. Confidence Interval of a Mean
13. The Theory of Confidence Intervals
14. Error Bars

**Part D: P Values and Significance**

15. Introducing P Values
16. Statistical Significance and Hypothesis Testing
17. Relationship Between Confidence Intervals and Statistical Significance
18. Interpreting a Result That Is Statistically Significant
19. Interpreting a Result That Is Not Statistically Significant
20. Statistical Power
21. Testing for Equivalence or Noninferiority

**Part E: Challenges in Statistics**

22. Multiple Comparisons Concepts
23. The Ubiquity of Multiple Comparison
24. Normality Tests
25. Outliers
26. Choosing a Sample Size

**Part F: Statistical Tests**

27. Comparing Proportions
28. Case-Control Studies
29. Comparing Survival Curves
30. Comparing Two Means: Unpaired t Test
31. Comparing Two Paired Groups
32. Correlation

**Part G: Fitting Models to Data**

33. Simple Linear Regression
34. Introducing Models
35. Comparing Models
36. Nonlinear Regression
37. Multiple Regression
38. Logistic and Proportional Hazards Regression

**Part H: The Rest of Statistics**

39. Analysis of Variance
- 40....



**Read Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking Online**



**Download PDF Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking**



**Download ePub Intuitive Biostatistics: A Nonmathematical Guide to Statistical Thinking**

## See Also



---

### [PDF] The Poems and Prose of Ernest Dowson

Click the web link beneath to read "The Poems and Prose of Ernest Dowson" file.

[Read PDF »](#)



---

### [PDF] Silverlight 5 in Action

Click the web link beneath to read "Silverlight 5 in Action" file.

[Read PDF »](#)



---

### [PDF] Scala in Depth

Click the web link beneath to read "Scala in Depth" file.

[Read PDF »](#)



---

### [PDF] Magnificat in D Major, Bwv 243 Study Score Latin Edition

Click the web link beneath to read "Magnificat in D Major, Bwv 243 Study Score Latin Edition" file.

[Read PDF »](#)



---

### [PDF] Molly on the Shore, BFMS 1 Study score

Click the web link beneath to read "Molly on the Shore, BFMS 1 Study score" file.

[Read PDF »](#)



---

### [PDF] Yearbook Volume 15

Click the web link beneath to read "Yearbook Volume 15" file.

[Read PDF »](#)

**[PDF] DK Readers Duckling Days**

Click the link listed below to download "DK Readers Duckling Days" document.

[Download eBook »](#)

**[PDF] Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One**

Click the link listed below to download "Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One" document.

[Download eBook »](#)

**[PDF] Angels Among Us: 52 Humorous and Inspirational Short Stories: Lifes Outtakes - Year 7**

Click the link listed below to download "Angels Among Us: 52 Humorous and Inspirational Short Stories: Lifes Outtakes - Year 7" document.

[Download eBook »](#)

**[PDF] The Mystery in Icy Antarctica The Frozen Continent Around the World in 80 Mysteries**

Click the link listed below to download "The Mystery in Icy Antarctica The Frozen Continent Around the World in 80 Mysteries" document.

[Download eBook »](#)

**[PDF] Oxford Reading Tree Treetops Time Chronicles: Level 13: the Stone of Destiny**

Click the link listed below to download "Oxford Reading Tree Treetops Time Chronicles: Level 13: the Stone of Destiny" document.

[Download eBook »](#)

**[PDF] Readers Bermuda Triangle**

Click the link listed below to download "Readers Bermuda Triangle" document.

[Download eBook »](#)