



Biostatistics, Second Edition: A Guide to Design, Analysis and Discovery

By Ronald N. Forthofer, Eun Sul Lee, Mike Hernandez



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This textbook does not require extensive background in mathematics, making it user-friendly for all students in the public health sciences field. Instead of highlighting derivations of formulas, the authors provide rationales for the formulas, allowing students to grasp a better understanding of the link between biology and statistics.

The material on life tables and survival analysis allows students to better understand the recent literature in the health field, particularly in the study of chronic disease treatment. This updated edition contains over 40% new material with modern real-life examples, exercises, and references, including new chapters on Logistic Regression, Analysis of Survey Data, and Study Designs.

The book is recommended for students in the health sciences, public health professionals, and practitioners.

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- New chapters on Logistic Regression; Analysis of Survey Data; and Study Designs
- Introduces strategies for analyzing complex sample survey data
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Editorial Review

Review

"This book succeeds in all aspects: It is clearly written, it has excellent coverage of the fundamentals of statistical methodology...and it is informative through its novel statistical presentation...." - *Journal of the American Statistical Association*

About the Author

Mike Hernandez has been working as a statistical analyst in the Department of Biostatistics at the MD Anderson Cancer Center for over 10 years. Working in a large medical center, he has developed an expertise in doing collaborative research spanning several disciplines from health disparities to clinical trials. He has coauthored over 40 peer-reviewed manuscripts, and is a co-author of: Biostatistics: A Guide to Design, Analysis, and Discovery 2nd ed.

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