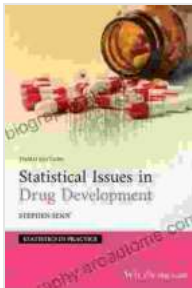


Statistical Issues in Drug Development: Statistics in Practice

Empowering Clinical Researchers with Practical Statistical Solutions

In the realm of drug development, the role of statistics is indispensable. From clinical trial design to data analysis and interpretation, statistical methods provide the foundation for generating reliable and meaningful evidence to guide drug development decisions.



Statistical Issues in Drug Development (Statistics in Practice)

★★★★★ 5 out of 5

Language : English
File size : 32328 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Print length : 640 pages
Lending : Enabled



However, the field of drug development statistics poses unique challenges that require specialized knowledge and expertise. *Statistical Issues in Drug Development: Statistics in Practice* offers a comprehensive guide to these challenges, equipping clinical researchers with practical solutions and best practices for addressing them.

Authored by a team of leading experts in the field, this book delves into the practical aspects of statistical methods used in all phases of drug

development, including:

1. **Clinical Trial Design:** Optimizing sample size, randomization, blinding, and data collection strategies
2. **Data Analysis:** Statistical methods for analyzing efficacy, safety, and pharmacokinetic/pharmacodynamic (PK/PD) data
3. **Statistical Modeling:** Techniques for developing predictive models, estimating treatment effects, and assessing covariate effects
4. **Interim Analysis and Monitoring:** Establishing criteria for stopping trials early due to efficacy or safety concerns
5. **Regulatory Considerations:** Statistical requirements for regulatory submissions and the role of statisticians in the drug approval process

Statistical Issues in Drug Development: Statistics in Practice is not merely a theoretical treatise. It is a practical guidebook filled with real-world examples and case studies that illustrate how statistical methods are applied in drug development. The book provides:

- Step-by-step instructions on how to use statistical methods in drug development
- Practical tips and tricks to overcome common challenges
- Case studies and examples from actual clinical trials
- Up-to-date information on the latest statistical methodologies
- Collaboration between statisticians and clinicians

Whether you are a clinical researcher, a statistician, a regulatory professional, or a pharmaceutical industry executive, *Statistical Issues in Drug Development: Statistics in Practice* is an essential resource that will empower you with the knowledge and skills to navigate the statistical challenges in drug development and make informed decisions.

Free Download your copy today and elevate your understanding of statistical issues in drug development!



CHOP Center for
Clinical Operations
Research & Training

Essential Documents for Clinical Research

Are you puzzled about the essential documentation required for your research study? If so, come learn from the Office of Research Compliance (ORC) about essential documentation and best practices on maintaining study-related documents.

Course Objectives include:

1. Learn about the resources available at CHOP to identify essential documents applicable to your research
2. Determine the type of essential documents that would apply to minimal risk research as well as greater than minimal risk research
3. Learn about options for maintaining and storing essential documents


DATE: January 27, 2021
10:00am - 11:00am

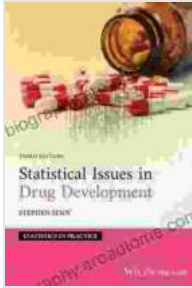
REGISTER: <https://bit.ly/3rkTs0m>

Or scan the QR code to register.

The virtual Webex Meeting link will be provided to all registered attendees the day prior to the event.

Questions? Please contact orc@email.chop.edu





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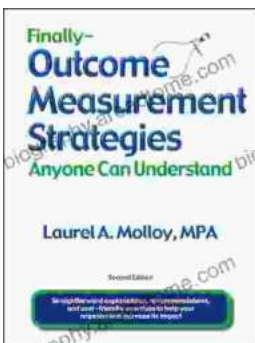
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