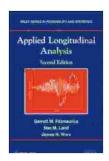
## **Applied Longitudinal Analysis: Modeling Change and Event Occurrence**

Longitudinal data are collected repeatedly over time from the same individuals. This type of data is becoming increasingly common in many fields, such as medicine, psychology, education, and business. Longitudinal data can be used to study a wide range of research questions, such as how individuals change over time, how different factors affect change, and how to predict future outcomes.



#### Applied Longitudinal Analysis (Wiley Series in Probability and Statistics Book 997) by Garrett M. Fitzmaurice

★★★★★ 4.3 out of 5
Language : English
File size : 14934 KB
Text-to-Speech : Enabled
Screen Reader : Supported
Enhanced typesetting : Enabled
Print length : 1049 pages
Lending : Enabled



Applied Longitudinal Analysis: Modeling Change and Event Occurrence, Second Edition, provides an accessible to modeling change over time using longitudinal data. The book covers statistical models for continuous and categorical longitudinal data, as well as models for event occurrence. The book is written in a clear and concise style, with a focus on practical applications. It is suitable for both graduate students and researchers in a variety of fields.

#### Coverage

Applied Longitudinal Analysis: Modeling Change and Event Occurrence, Second Edition, covers the following topics:

\*

- to longitudinal data
- Statistical models for continuous longitudinal data
- Statistical models for categorical longitudinal data
- Models for event occurrence
- Missing data
- Model selection and evaluation
- Applications of longitudinal data analysis

#### **Features**

Applied Longitudinal Analysis: Modeling Change and Event Occurrence, Second Edition, offers the following features:

\*

- Clear and concise writing style
- Focus on practical applications
- Coverage of a wide range of statistical models
- Examples using real-world data
- Exercises and solutions

Appendices on statistical software

#### **Audience**

Applied Longitudinal Analysis: Modeling Change and Event Occurrence, Second Edition, is intended for graduate students and researchers in a variety of fields, including:

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- Medicine
- Psychology
- Education
- Business
- Social sciences

#### Reviews

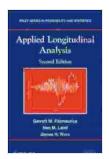
Applied Longitudinal Analysis: Modeling Change and Event Occurrence, Second Edition, has received positive reviews from critics. Here are a few examples:

\*

- "This book is a valuable resource for anyone who wants to learn about longitudinal data analysis. It is well-written, clear, and concise." -Professor Michael J. Rovine, University of Minnesota
- "This book is a must-read for anyone who wants to use longitudinal data to study change over time." - Professor Stephen W. Raudenbush,

#### University of Chicago

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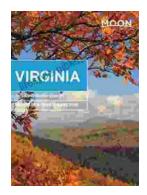
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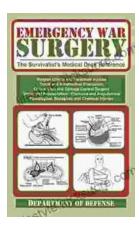
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