



# Measurement Error Models

By Wayne A. Fuller



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The Wiley-Interscience Paperback Series consists of selected books that have been made more accessible to consumers in an effort to increase global appeal and general circulation. With these new unabridged softcover volumes, Wiley hopes to extend the lives of these works by making them available to future generations of statisticians, mathematicians, and scientists.

"The effort of Professor Fuller is commendable . . . [the book] provides a complete treatment of an important and frequently ignored topic. Those who work with measurement error models will find it valuable. It is the fundamental book on the subject, and statisticians will benefit from adding this book to their collection or to university or departmental libraries."

-Biometrics

"Given the large and diverse literature on measurement error/errors-in-variables problems, Fuller's book is most welcome. Anyone with an interest in the subject should certainly have this book."

-Journal of the American Statistical Association

"The author is to be commended for providing a complete presentation of a very important topic. Statisticians working with measurement error problems will benefit from adding this book to their collection."

-Technometrics

". . . this book is a remarkable achievement and the product of impressive top-grade scholarly work."

-Journal of Applied Econometrics

Measurement Error Models offers coverage of estimation for situations where the model variables are observed subject to measurement error. Regression models are included with errors in the variables, latent variable models, and factor models. Results from several areas of application are discussed, including recent results for nonlinear models and for models with unequal variances. The estimation of true values for the fixed model, prediction of true values under the random model, model checks, and the analysis of residuals are addressed, and in addition, procedures are illustrated with data drawn from nearly twenty real data sets.

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## Measurement Error Models By Wayne A. Fuller Bibliography

- Sales Rank: #836426 in Books
- Published on: 2006-08-18
- Original language: English
- Number of items: 1
- Dimensions: 9.23" h x .96" w x 6.14" l, 1.46 pounds
- Binding: Paperback
- 440 pages

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## Editorial Review

### Review

"...very interesting for the theory it contains... enjoyable and useful." (*Zentralblatt MATH*, 1107, 64)

### From the Publisher

This valuable book-length treatment of the field offers coverage of estimation for situations where the model variables are observed subject to measurement error. Included are regression models with errors in the variables, latent variable models, and factor models. Brings together results from several areas of application, including discussion of recent results for nonlinear models and for models with unequal variances. Also explained are the estimation of true values for the fixed model, prediction of true values under the random model, model checks, and the analysis of residuals. Procedures are illustrated with data drawn from nearly twenty real-data sets.

### From the Back Cover

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## **Users Review**

### **From reader reviews:**

#### **Lowell Oliver:**

The book Measurement Error Models make you feel enjoy for your spare time. You should use to make your capable considerably more increase. Book can to be your best friend when you getting tension or having big problem using your subject. If you can make examining a book Measurement Error Models for being your habit, you can get much more advantages, like add your capable, increase your knowledge about a few or all subjects. You are able to know everything if you like start and read a book Measurement Error Models. Kinds of book are a lot of. It means that, science guide or encyclopedia or other individuals. So , how do you think about this book?

#### **Christopher McCormick:**

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#### **Ellis Pauling:**

Playing with family in a park, coming to see the sea world or hanging out with good friends is thing that usually you may have done when you have spare time, then why you don't try thing that really opposite from that. One particular activity that make you not sense tired but still relaxing, trilling like on roller coaster you have been ride on and with addition associated with. Even you love Measurement Error Models, you are able to enjoy both. It is great combination right, you still would like to miss it? What kind of hang-out type is it? Oh seriously its mind hangout guys. What? Still don't have it, oh come on its called reading friends.

#### **Diana Johnson:**

The book untitled Measurement Error Models contain a lot of information on it. The writer explains her idea with easy method. The language is very straightforward all the people, so do certainly not worry, you can easy to read the item. The book was written by famous author. The author brings you in the new time of literary works. You can easily read this book because you can keep reading your smart phone, or program, so you can read the book in anywhere and anytime. If you want to buy the e-book, you can start their official web-site and order it. Have a nice study.

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