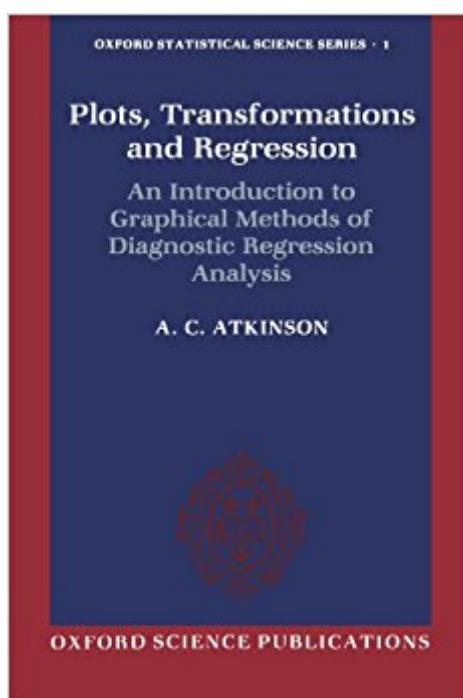


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# Plots, Transformations, And Regression: An Introduction To Graphical Methods Of Diagnostic Regression Analysis (Oxford Statistical Science Series)



## Synopsis

This handbook provides a detailed, down-to-earth introduction to regression diagnostic analysis, a technique of growing importance for work in applied statistics. Heavily illustrated, with numerous examples to illuminate the discussion, this timely volume outlines methods for regression models, stressing detection of outliers and inadequate models; describes the transformation of variables in an equation, particularly the response; and considers such advanced topics as generalized linear models. A useful guide that combines lucid explanations with up-to-date research findings.

## Book Information

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'Both research statisticians and users of statistics should find this book generally both interesting and accessible...The emphasis on examples [is] appealing.' *Technometrics*. 'Well-written....Presents a very readable, yet thorough, introduction to the large number of techniques that can loosely be referred to as extensions to linear regression.' *Choice*'An unusually actual and application oriented monograph on an important subject, which has not yet been covered sufficiently by adequate books. In his very comprehensive and illustrative mode of presentation the author gives a lively presentation of classical and new extremely useful methods of checking models and the data to which they are fitted.' *Statistics*

A. C. Atkinson is at Imperial College, University of London.

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