



Plots, Transformations, and Regression: An Introduction to Graphical Methods of Diagnostic Regression Analysis (Oxford Statistical Science Series)

By A. C. Atkinson

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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.

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Editorial Review

Review

'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 be loosely referred to as extensions to linear regression.' *Choice*

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About the Author

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

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