



Applied Econometrics Using the SAS System (Paperback)

By Vivek Ajmani

John Wiley & Sons Inc, United States, 2009. Paperback. Condition: New. Language: English. Brand new Book. The first cutting-edge guide to using the SAS(R) system for the analysis of econometric data Applied Econometrics Using the SAS(R) System is the first book of its kind to treat the analysis of basic econometric data using SAS(R), one of the most commonly used software tools among today's statisticians in business and industry. This book thoroughly examines econometric methods and discusses how data collected in economic studies can easily be analyzed using the SAS(R) system. In addition to addressing the computational aspects of econometric data analysis, the author provides a statistical foundation by introducing the underlying theory behind each method before delving into the related SAS(R) routines. The book begins with a basic introduction to econometrics and the relationship between classical regression analysis models and econometric models. Subsequent chapters balance essential concepts with SAS(R) tools and cover key topics such as: Regression analysis using Proc IML and Proc Reg Hypothesis testing Instrumental variables analysis, with a discussion of measurement errors, the assumptions incorporated into the analysis, and specification tests Heteroscedasticity, including GLS and FGLS estimation, group-wise heteroscedasticity, and GARCH models Panel data analysis Discrete choice...



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